



PRIMAVERA

**Gateway Provider Reference Guide  
Release 15.1**

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# Overview

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The *Gateway Provider Reference Guide* provides a comprehensive listing of all business objects and all associated fields available with each Primavera provider delivered with Primavera Gateway. Review the list of supported business objects in each application to determine the data that needs to be supported for integration in Primavera Gateway.

To view these business objects in the Primavera Gateway user interface log in to Gateway and select the **Data Dictionary** menu.

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## Supported Integrations

Integrations between the following Primavera applications are supported and delivered in Primavera Gateway:

Integrations With	P6 EPPM	Sample
Oracle Primavera Prime	X	
Oracle Instantis EnterpriseTrack		X
P6 EPPM		X
Primavera Unifier	X	

## Flow Types Supported for Primavera Providers

Primavera Gateway supports the following basic flow types:

- ▶ Import Master Data  
Define Master data flows to only import global data from a source application to a destination application.
- ▶ Export Master Data  
Define Master data flows to export a subset of global data from a source application to a destination application.
- ▶ Import Project Data  
Define project data flows to import project data from a source application to a destination application.
- ▶ Export Project Data  
Define project data flows to export project data from a source application to a destination application.
- ▶ Master Data  
Use this flow type to export or import master data between distinct P6 environments only. For example, export master data from Testing environment to a Production environment of a P6 EPPM application.
- ▶ Project Data  
Use this flow type to export or import project data between distinct P6 environments only. For example, export project data from Testing environment to a Production environment of a P6 EPPM application.

The following table identifies the default flow types supported for each Primavera provider:

Flows	Etrack	P6	Prime	Sample	Unifier
Import Master Data		x	x	x	
Export Master Data		x	x	x	
Import Project Data	x	x	x	x	x
Export Project Data	x	x	x	x	x
Master Data		x			
Project Data		x			

## EnterpriseTrack Business Objects

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For the EnterpriseTrack provider, the Project business object is available in the **Data Dictionary** menu in the Gateway user interface. Select this business object to review a detailed list of fields supported for an EnterpriseTrack project.

Business Object	Description
Project	A project is a temporary endeavor undertaken to create a unique product, service, or result. Project fields will depend on an initiative. Project attributes for different initiatives will be different, as some of the settings are initiative specific. The following fields are available for an EnterpriseTrack project.
ProjectFinance	<p>The EnterpriseTrack Project Finance object contains actual values associated with a project finance structure. To import or export a ProjectFinance object, you will need to select the following objects in the field mapping template:</p> <ul style="list-style-type: none"> <li>▶ Project</li> <li>▶ ProjectFinance</li> <li>▶ ProjectFinanceElement</li> </ul> <p><b>Note:</b> By default, all ProjectFinance related business objects are commented in the metadata XML file. You will need to remove the comment tags if you wish to use this object to integrate data with your ERP application.</p>

Business Object	Description
Project	A project is a temporary endeavor undertaken to create a unique product, service, or result. Project fields will depend on an initiative. Project attributes for different initiatives will be different, as some of the settings are initiative specific. The following fields are available for an EnterpriseTrack project.
ProjectFinanceSnapshot	<p>The EnterpriseTrack ProjectFinanceSnapshot object is a representation of the project finance values at a specific point in time. To import or export a ProjectFinanceSnapshot object, you will need to select the following objects in the field mapping template:</p> <ul style="list-style-type: none"> <li>▶ Project</li> <li>▶ ProjectFinance</li> <li>▶ ProjectFinanceSnapshot</li> <li>▶ ProjectFinanceElement</li> </ul> <p><b>Note:</b> By default, all ProjectFinance related business objects are commented out in the metadata XML file. You will need to remove the comment tags if you wish to use this object to integrate data with your ERP application.</p>
ProjectFinanceElement	<p>The EnterpriseTrack ProjectFinanceElement is the most granular unit of the project finance structure. To import or export a ProjectFinanceElement object, you will need to select the following objects in the field mapping template:</p> <ul style="list-style-type: none"> <li>▶ ProjectFinance</li> <li>▶ ProjectFinanceSnapshot</li> <li>▶ ProjectFinanceElement</li> </ul> <p><b>Note:</b> By default, all ProjectFinance related business objects are commented out in the metadata XML file. You will need to remove the comment tags if you wish to use this object to integrate data with your ERP application.</p>

## Project

**Description:** A project is a temporary endeavor undertaken to create a unique product, service, or result. Projects usually contain a work breakdown structure (WBS) and activities. The following fields are available for an EnterpriseTrack project:

Field	Description
project_number	The unique ID generated by the system.
project_name	The name of the project.
project_status	The status of the project. Valid values are: <ul style="list-style-type: none"> <li>▶ Active</li> <li>▶ On-Hold</li> <li>▶ Canceled</li> <li>▶ Completed-Post Realization</li> <li>▶ Closed-In Realization</li> </ul>
percent_completion_type	Indicates the activity default percent complete type of the activity.
planned_realization_date	Planned realization date.
The following fields can be modified in the metadata file	
business_unit	Organization hierarchy - Business Unit.
calendar_id	Project calendar name.
consider_for_finances	Consider for Finances flag.
currency_code	Project currency.
default_laborexpensetype	Default expense type.
division	Organization hierarchy - Division
emailnotification_flag	Email notification flag
externalmode_datesduration	External mode - Dates Duration
externalmode_durationeffort	External mode - Duration Effort
externalmode_effortcost	External mode - Effort Cost
fin_approval_template_id	Finance approval template.
fin_edit_mode	Finance edit mode.
fin_track_start_date	Finance tracking start month.
fintemplateid	Finance template.
functional_area	Functional area.
grace_period_for_completed_activities_in_ts	Grace period for completed activities in timesheet.
grace_period_for_future_activities_in_ts	Grace period for future activities in timesheet.
initial_forecast_cost	Initial Forecast - Cost
initial_forecast_group4	Initial Forecast - Group 4

initial_forecast_group5	Initial Forecast - Group 5
initial_forecast_nonrollup	Initial Forecast - Nonrollup
initial_forecast_savings	Initial Forecast - Savings
initial_forecast_total	Initial Forecast - Total
is_capitalization_enabled	Is Capitalization enabled flag
Is_capitalized	Is capitalized flag.
is_etc_enabled_for_timesheet	ETC Enabled for timesheets flag.
is_etc_required_for_timesheet	ETC Required for timesheet flag.
is_fin_lock_global	Global finance lock flag.
is_laborexpensetype_mandatory	Labor expense mandatory flag.
keywords	Project keywords.
location	Organization hierarchy - Location
pcs	Project initiative
percent_complete	Project percent completion value.
planned_start_date	Planned start date of the project.
priority	Priority.
process	Process.
product	Product.
project_fin_lock_date	Project finance lock date
project_source	Project source
project_type	Project type
region	Organization hierarchy - Region
resource_computation_enabled	Resource computation enabled flag.
roadmap	Project roadmap.
start_date	Project start date
sub_unit	Organization hierarchy - Sub Unit

## ProjectFinance

**Description:** The EnterpriseTrack Project Finance object contains actual values associated with a project finance structure. To import or export a ProjectFinance object, you will need to select the following objects in the field mapping template:

- ▶ Project

- ▶ ProjectFinance
- ▶ ProjectFinanceElement

**Note:** Project finance data (and finance-related business objects) transfer is supported only between two distinct instances of EnterpriseTrack applications.

Field	Description
object_id	The unique ID generated by the system.
project_object_id	The unique ID of the Project.
fin_data_type	The finance data type ( current / snapshot / structure ).
operation_type	The operation type; specifies the operation being performed.
fintemplate_id	The name of the project's finance template.
fintemplate_version_id	The version of the project's finance template.
fin_edit_mode	<p>The finance edit mode used only when editing. Valid options include:</p> <p>" " If set to a blank value, then finances will be retrieved in the finance edit mode. For example, if the finance edit mode is monthly and the fin_search_mode is set to "", then finances will be retrieved in monthly mode.</p> <p>M Indicates monthly finance edit mode</p> <p>Y Indicates yearly finance edit mode</p> <p>A Indicates aggregate finance edit mode</p>
fin_search_mode	<p>The finance Search Mode ( M / Y / A ); used only when searching. Valid options include:</p> <p>" " If set to a blank value, then finances will be retrieved in the finance edit mode. For example, if the finance edit mode is monthly and the fin_search_mode is set to "", then finances will be retrieved in monthly mode.</p> <p>M Indicates monthly finance search mode</p> <p>Y Indicates yearly finance search mode</p> <p>A Indicates aggregate finance search mode</p>
from_year	The from (start) year is used to define month range when searching or updating finance information. This is applicable only if fin_search_mode or fin_edit_mode = Y. (YYYY Format).

Field	Description
to_year	The to (end) year is used to define month range when searching or updating finance information. This is applicable only if fin_search_mode or fin_edit_mode = Y. (YYYY Format).
from_month	<p>The from (start) month when searching or updating; applicable only if fin_search_mode or fin_edit_mode = M. (YYYY/MM Format)</p> <ul style="list-style-type: none"> <li>▶ If from_month and to_month have non empty values, then finance data will be retrieved for the specific month range.</li> <li>▶ If from_month is not specified and to_month is valued, then finances will be retrieved for all months till the to_month value.</li> <li>▶ If from_month is valued and to_month is not specified, then finances will be retrieved for all months starting from the from_month value.</li> </ul>
to_month	<p>The to (end) month when searching or updating; applicable only if fin_search_mode or fin_edit_mode = M. (YYYY/MM Format)</p> <ul style="list-style-type: none"> <li>▶ If from_month and to_month have non empty values, then finance data will be retrieved for the specific month range.</li> <li>▶ If from_month is not specified and to_month is valued, then finances will be retrieved for all months till the to_month value.</li> <li>▶ If from_month is valued and to_month is not specified, then finances will be retrieved for all months starting from the from_month value.</li> </ul>

## ProjectFinanceElement

**Description:** The EnterpriseTrack ProjectFinanceElement is the most granular unit of the project finance structure. To import or export a ProjectFinanceElement object, you will need to select the following objects in the field mapping template:

- ▶ ProjectFinance
- ▶ ProjectFinanceSnapshot
- ▶ ProjectFinanceElement

**Note:** Project finance data (and finance-related business objects) transfer is supported only between two distinct instances of EnterpriseTrack applications.

Field	Description
id	The finance element ID.
object_id	The unique ID generated by the system.
project_object_id	The unique ID of the associated project.
projectfinance_object_id	The unique ID of the associated project finance.
parent_id	The ID of the parent element; this will be empty if element_id is 'Total'.
sequence_number	The sequence of this element within parent; 10, 20, 30, etc.
element_class	The element classification; indicates the element's class within the project finance structure.
display_name	The display name of the element.
element_type	The element type; indicates whether the element is currency or some user-specified, non-currency type (such as kilowatts, hours, etc.).
mf_type	The element multiplication factor type.
mf_value	The multiplication factor value of the element; specifies its impact (contribution) toward computation of parent element values.
number_of_units	Contains raw data; used if the element_type is not currency. During finance import, only specify the value element (listed below) if the element_type is not currency. During finance export, specify the number_of_units element which contains the raw data and the value element (listed below) which contains the currency amount.
value	Contains the actual value of element; editable only when element_type is currency. If element_type is not currency, value is not editable, and is instead computed internally from number_of_units.

## ProjectFinanceSnapshot

**Description:** The EnterpriseTrack ProjectFinanceSnapshot object is a representation of the project finance values at a specific point in time. To import or export a ProjectFinanceSnapshot object, you will need to select the following objects in the field mapping template:



- Project
- ProjectFinance
- ProjectFinanceSnapshot
- ProjectFinanceElement

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**Note:** Project finance data (and finance-related business objects) transfer is supported only between two distinct instances of EnterpriseTrack applications.

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Field	Description
object_id	The unique ID generated by the system.
project_object_id	The unique ID of the associated project.
projectfinance_object_id	The unique ID of the associated project finance.
snapshot_name	The snapshot name.
snapshot_desc	The snapshot description.
is_default_snapshot	The is default snapshot flag; indicates whether or not this is the default snapshot.
is_editable_snapshot	The is editable snapshot flag; indicates whether or not snapshot can be edited. Used only during export, as this is a read-only attribute.
snapshot_created_by	The login ID of the user who created the snapshot.
snapshot_created_date	The date on which the snapshot was created.
snapshot_updated_by	The login ID of the user who last updated the snapshot.
snapshot_updated_date	The date on which the snapshot was last updated.



# Gateway Business Objects

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The following business objects are supported in Gateway format:

Business Object	Description
Activity	An activity is a unit of work performed during the course of a project.
ActivityCode	Activity codes are user-defined codes to classify and categorize activities according to the organization's and project's needs.
ActivityCodeType	Activity code types provide a way of classifying activity codes. Activity codes are user-defined codes to classify and categorize activities according to the organization's and project's needs.
ActivityExpense	Activity expenses are non-resource costs associated with a project and assigned to a project's activities. They are typically one-time expenditures for non-reusable items.
ActivityRisk	The activity risk object stores the relationship between a single activity and a single risk.
BaselineType	BaselineType fields
Business Unit	Organization hierarchy - Business Unit
Calendar	Calendars defined the available work hours in each calendar day, and includes global and resource types.
CBS	CBS business object
CBSDurationSummary	CBSDurationSummary business object
CBSExpenseSpread	Summarized spread data per CBS per expense category
CBSResourceSpread	Summarized spread data per CBS per resource assignment
CostAccount	Cost accounts contain the organization's cost account IDs. Available across all projects, they support tracking of costs and earned value based on the organization's cost account IDs. Cost accounts are hierarchical objects.
Currency	Currency fields
EPS	EPS
ExpenseCategory	Expense categories are used to categorize project expenses. They are used for standardizing expenses and for rolling up expenses across projects.

Business Object	Description
FinancialPeriod	Financial periods are used to provide accurate display and reporting of actual units and costs. Financial periods may not overlap each other and do not have to be contiguous.
Location	The location is used to store address information including latitude and longitude. Locations can be assigned to resources, projects and/or activities.
NotebookTopic	Notebook topics are used to categorize notes on EPS, project, WBS, and activity objects.
Project	A project is a temporary endeavor undertaken to create a unique product, service, or result. Projects usually contain a work breakdown structure (WBS) and activities.
ProjectCode	Project codes are user-defined codes to classify and categorize projects across the enterprise.
ProjectCodeType	Project code types provide a way of classifying project codes. Project codes are user-defined codes to classify and categorize projects across the enterprise.
ProjectFinance	EnterpriseTrack Project Finance.
ProjectFinanceElement	EnterpriseTrack Project Finance Element.
ProjectFinanceSnapshot	EnterpriseTrack Project Finance Snapshot.
ProjectResource	Primavera's resource planning feature allows you to do high-level project planning for future project or project that does not require resource assignments at the activity level.
Relationship	A relationship defines how an activity relates to the start or finish of another activity or assignment. These relationships, which form the logic of the project network, are used together with activity durations to determine schedule dates.
Resource	Resources include labor, nonlabor, and materials that are used for activities across all projects.
ResourceAssignment	Resource assignments track the work of resources or roles that are performing various activities.
ResourceCode	Resource codes are user-defined codes to classify and categorize resources across all projects.
ResourceCodeType	Resource Code Types provide a way of classifying resource codes. Resource codes are user-defined codes to classify and categorize resources across all projects.
ResourceRate	Resource rates provide a way of specifying multiple resource

Business Object	Description
	prices and maximum units per time values that vary over time.
Risk	The risk object represents a probabilistic event or condition which if it occurs has an impact on the project.
RiskImpact	The risk impact object stores the pre-response qualitative value assigned to a risk for each of the risk thresholds.
RiskMatrix	The risk matrix object contains the name and description of each probability and impact diagram (PID). The Risk Matrix is then used to qualitatively assess each risk and assign a score.
RiskMatrixScore	The risk matrix score object stores the score values from the probability and impact diagram (PID) of the risk score matrix.
RiskMatrixThreshold	The risk matrix threshold object creates a relationship between a RiskThreshold object and a RiskMatrix object. This allows a single RiskThreshold object to be associated with multiple RiskMatrix objects.
RiskResponseAction	The risk response action object contains the detailed steps that need to occur to complete the risk response plan. Multiple actions can be associated with one response plan and each action can be linked to an activity in the project.
RiskResponseAction Impact	The risk response action impact object is a post-risk response action qualitative value that is assigned to a risk for each of the risk thresholds.
RiskResponsePlan	The risk response plan object communicates how the project team plans to address the identified risk.
RiskThreshold	The risk threshold object contains the name, description, and type of each risk threshold. Risk thresholds provide a mechanism for setting up the criteria that is used to assess the risk.
RiskThresholdLevel	The risk threshold level object stores the level information (e.g. Low, Medium, High) for each risk threshold.
Role	Roles are project personnel job titles or skills, such as mechanical engineer, inspector, or carpenter. They represent a type of resource with a certain level of proficiency rather than a specific individual.
RoleRate	Role rates enable you to select a predefined price per unit for cost calculating when assigning the role to an activity.
UDFType	User-defined fields (UDFs) enable users to add custom fields and values to the project database.
WBS	The project work breakdown structure (WBS) is a hierarchical arrangement of the products and services produced during and by a project. Each element of a WBS may contain more-detailed

Business Object	Description
	WBS elements, activities, or both. WBS are hierarchical objects.
WBSCategory	As their name implies, WBS categories are used to categorize WBS elements. They are defined globally.
WBSExpenseSpread	Expense spread data per WBS per ExpenseCategory
WBSResourceSpread	Spread data per WBS per Resource
WBSSpread	Summarized spread data per WBS

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## Activity

**Description:** An activity is a unit of work performed during the course of a project.

Field	Description
ActualDuration	The activity actual duration percent of planned. Computed as actual duration / BL duration * 100. The value can exceed 100. The BL duration is the activity's at completion duration from the project baseline.
ActualFinishDate	The actual finish date of the activity.
ActualStartDate	The actual start date of the activity.
ActualTotalCost	The actual total cost for the activity, including labor resources, nonlabor resources, and project expenses. Actual total cost = actual labor costs + actual nonlabor costs + actual expense costs.
AtCompletionDuration	The total working time from the activity's current start date to the current finish date.
AtCompletionTotalCost	The total cost at completion for the activity, including labor resources, nonlabor resources, and project expenses. At completion total cost = at completion labor cost + at completion nonlabor cost + at completion expense cost.
BaselineDuration	The duration for the activity in the project baseline.
BaselineFinishDate	The current finish date of the activity in the project baseline.
BaselinePlannedLaborUnits	The planned units for all labor resources assigned to the activity.
BaselinePlannedNonLaborUnits	The planned units for all nonlabor resources assigned to the activity.
BaselineStartDate	The current start date of the activity in the project baseline.
CalendarCode	The unique code of the calendar.
CalendarName	The name of the calendar.
CalendarObjectId	The unique ID of the calendar.



Field	Description
DurationType	The duration type of the activity. One of 'Fixed Units/Time', 'Fixed Duration and Units/Time', 'Fixed Units', or 'Fixed Duration and Units'.
EarlyFinishDate	The early finish date of the activity.
EarlyStartDate	The early start date of the activity.
ExpectedFinishDate	The date the activity is expected to be finished according to the progress made on the activity's work products. The expected finish date is entered manually by people familiar with progress of the activity's work products.
FinishDate	The early finish date of the activity.
Id	The unique identifier of the activity.
IsStarred	The flag that indicates whether this activity is marked as starred activity.
IsWorkPackage	The flag that indicates whether this activity is the child of a work package WBS.
LateFinishDate	The late finish date of the activity.
LateStartDate	The late start date of the activity.
LocationCode	The code of the location assigned to the Activity.
LocationName	The name of the location assigned to the activity.
LocationObjectId	The unique ID of the location assigned to the activity.
LongText	The long text value.
MaximumDuration	The maximum duration of the activity
MinimumDuration	The minimum duration of the activity
MostLikelyDuration	The most likely duration of the activity
Name	The name of the activity. The activity name does not have to be unique.
ObjectId	The unique ID generated by the system.

Field	Description
PercentComplete	The activity percent complete. This value is tied to the activity duration % complete, units % complete, or physical % complete, depending on the setting for the activity's percent complete type.
Phase	An activity code to track the phase of the activity.
PlannedDuration	The activity planned duration.
PlannedFinishDate	The date the activity is scheduled to finish. This date is computed by the project scheduler but can be updated manually by the project manager. This date is not changed by the project scheduler after the activity has been started.
PlannedStartDate	The date the activity is scheduled to begin. This date is computed by the project scheduler but can be updated manually by the project manager. This date is not changed by the project scheduler after the activity has been started.
PlannedTotalCost	The planned total cost for the activity, including labor resources, nonlabor resources, and project expenses. Planned total cost = planned labor cost + planned nonlabor cost + planned expense cost.
PostResponsePessimisticFinish	The post-response pessimistic finish date for the activity.
PostResponsePessimisticStart	The post-response pessimistic start date for the activity.
PreResponsePessimisticFinish	The pre-response pessimistic finish date for the activity.
PreResponsePessimisticStart	The pre-response pessimistic start date for the activity.
PrimaryConstraintType	The primary constraint type of the activity.
PrimaryConstraintDate	The primary constraint date of the activity.
ProjectId	The short code of the associated project.
ProjectObjectId	The unique ID of the associated project.
RemainingDuration	
RemainingEarlyFinishDate	The remaining early finish date of the project.

Field	Description
RemainingEarlyStartDate	The remaining early start date of the project.
RemainingLateFinishDate	The remaining late finish date of the project.
RemainingLateStartDate	The remaining late start date of the project.
RemainingTotalCost	The remaining total cost for the activity, including labor resources, nonlabor resources, and project expenses. Remaining total cost = remaining labor costs + remaining nonlabor costs + remaining expense costs.
ResumeDate	The resume of the project.
RolledupWBSObjectId	Rolled up WBS Object Ids after filtering either by levels or tagging
SecondaryConstraintDate	The date to be used for the cstr_type2 assignment, if the activity has a cstr_type2 value. The activity's constraint type determines whether this is a start date or finish date. Activity constraints are used by the project scheduler.
SecondaryConstraintType	The additional constraint to be used by the scheduler.
StartDate	The early start date of the activity.
Status	The current status of the activity, either 'Not Started', 'In Progress', or 'Completed'.
SuspendDate	The suspend of the project.
TotalActualCost	An Activity UDF to store Total Actual Cost for the Activity.
TotalCommitmentCost	An Activity UDF to store Total Commitment Cost for the Activity.
TotalPlannedCost	An Activity UDF to store Total Planned Cost for the Activity.
Type	The type of activity, either 'Task Dependent', 'Resource Dependent', 'Level of Effort', 'Start Milestone', 'Finish Milestone', or 'WBS Summary'.
WBSCode	The short code assigned to each WBS element for identification. Each WBS element is uniquely identified by concatenating its own code together with its parents' codes.
WBSName	The name of the WBS element.

Field	Description
WBSObjectId	The unique ID of the WBS for the activity.
WBSPath	The WBS path of the Activity.

## ActivityCode

**Description:** Activity codes are user-defined codes to classify and categorize activities according to the organization's and project's needs.

Field	Description
CodeTypeName	The name of the activity code type.
CodeTypeObjectId	The unique ID of the activity code type.
CodeValue	The value of the activity code.
Color	The Hex representation for the color.
Description	The description of the activity code.
ObjectId	The unique ID generated by the system.
ParentObjectId	The unique ID of the parent activity code.
SequenceNumber	The sequence number for sorting.

## ActivityCodeType

**Description:** Activity code types provide a way of classifying activity codes. Activity codes are user-defined codes to classify and categorize activities according to the organization's and project's needs.

Field	Description
EPSObjectId	The unique ID of the EPS.
Length	The maximum number of characters allowed for values of this activity code.
Name	The name of the activity code type.
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the project.
Scope	The scope of activity code type.

## ActivityExpense

**Description:** Activity expenses are non-resource costs associated with a project and assigned to a project's activities. They are typically one-time expenditures for non-reusable items.

Field	Description
ActivityObjectId	The unique ID of the activity to which the project expense is linked. Every project expense is associated with one activity in the project.
ActualCost	The actual cost for the project expense.
ActualUnits	The actual units for the project expense.
AtCompletionCost	The sum of the actual plus remaining costs for the project expense. Computed as actual cost + remaining cost.
AtCompletionUnits	The at completion units for the project expense.
CostAccountId	The ID of the cost account.
CostAccountName	The name of the cost account.
CostAccountObjectId	The unique ID of the cost account.
ExpenseCategoryName	The name of the expense category.
ExpenseCategoryObjectId	The unique ID of the expense category.
ExpenseItem	The name of the project expense.
ObjectId	The unique ID generated by the system.
PlannedCost	The planned cost for the project expense. This field is named BudgetedCost in Primavera's Engineering and Construction and Maintenance and Turnaround solutions.
PlannedUnits	The planned number of units for the project expense. This number is multiplied by the price per unit to compute the planned cost.
RemainingCost	The remaining cost for the project expense. Before actual expenses are made, remaining cost should be the same as planned cost.
RemainingUnits	The remaining units for the project expense.

## ActivityRisk

**Description:** The activity risk object stores the relationship between a single Activity and a single Risk.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
RiskObjectId	The unique ID of the associated risk.
RiskId	The short name of the associated risk.
RiskName	The name of the associated risk.
ActivityObjectId	The unique ID of the associated activity.
ActivityId	The short name of the associated activity.
ActivityName	The name of the associated activity.

## BaselineType

**Description:** BaselineType Fields

Field	Description
SequenceNumber	Sequence Number for BaselineType
ObjectId	The unique ID generated by the system.
Name	The name for BaselineType
CreateDate	The create Date for currency
LastUpdateDate	The Last Update Date for currency
CreateUser	The name of the user that created this user-defined field.
LastUpdateUser	The name of the user that last updated this user-defined field.

## Calendar

**Description:** Calendars defined the available work hours in each calendar day, and includes global and resource types.

Field	Description
BaseCalendarObjectId	The unique ID of the global calendar to which this calendar is linked. Any changes to the global calendar are automatically propagated to this calendar.
Name	The name of the calendar.
ObjectId	The unique ID generated by the system.
Type	The calendar type - either 'Global' or 'Resource'.
IsPersonal	The flag indicating if this calendar is a personal calendar (applies to resource calendars only).
StandardWorkWeek	Standard detailed work hours for each day of week
HolidayOrExceptions	All dates with holidays or exceptions in this calendar.
ProjectObjectId	The unique ID of the project.
ProjectId	The short name of the project.
Code	The Code of the calendar.

## CBS

**Description:** CBS business object

Field	Description
ObjectId	The unique ID generated by the system
ProjectObjectId	The unique id of the associated Project
ParentObjectId	The unique id of the parent CBS
CBSCode	CBS Code associated with the Project
CBSDescription	CBS Code Description
CBSStatus	CBS Code Status. Valid values are "Active" and "InActive".

## CBSDurationSummary

**Description:** CBSDurationSummary business object

Field	Description
ObjectId	The unique ID generated by the system

Field	Description
ProjectObjectId	The unique id of the associated project
ProjectId	The short name of the associated Project
CBSObjectId	The unique id of the associated CBS.
OriginalProjectObjectId	The original object id of the associated Project
ProjectId	The short name of the associated Project
ProjectName	The name of the associated Project
DataDate	Data date of the associated project
BaselineType	Baseline type of the associated baseline
SummaryPlannedStartDate	Summarized Planned Start Date of the project
SummaryPlannedFinishDate	Summarized Planned Finish Date of the project
SummaryActualStartDate	Summarized Actual Start Date of the project
SummaryActualFinishDate	Summarized Actual Finish Date of the project
SummaryRemainingStartDate	Summarized Remaining Start Date of the project
SummaryRemainingFinishDate	Summarized Remaining Finish Date of the project
SummaryPlannedDuration	Summarized Planned Duration the project
SummaryRemainingDuration	Summarized Remaining Duration the project
SummaryActualDuration	Summarized Actual Duration the project
SummaryPercentComplete	Summarized Percent Complete the project

## CBSExpenseSpread

**Description:** Summarized spread data per CBS per expense category

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of Project.
CBSObjectId	The unique ID of CBS.
ProjectOrigObjectId	The original object id of the associated Project
ProjectId	Project short name
ProjectName	Project name
DataDate	Date date



Field	Description
BaselineType	Baseline Type
ExpenseCategoryName	Expense Category
StartDate	Start date
EndDate	End date
SummaryPlannedCost	Summarized Planned cost
SummaryPlannedUnits	Summarized Planned Units
SummaryActualCost	Summarized Actual cost
SummaryActualUnits	Summarized Actual Units
SummaryAtCompletionCost	Summarized At completion cost
SummaryAtCompletionUnits	Summarized At Completion Units
SummaryRemainingCost	Summarized Remaining cost
SummaryRemainingUnits	Summarized Remaining Units
PlannedUnits	Planned Units
ActualUnits	Actual Units
RemainingUnits	Remaining Units
AtCompletionUnits	At Completion Units
PlannedCost	Planned Cost
ActualCost	Actual Cost
RemainingCost	Remaining Cost
AtCompletionCost	At Completion Cost

### CBSResourceSpread

**Description:** Summarized spread data per CBS per resource assignment

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of Project.
CBSObjectId	The unique ID of CBS.
OriginalProjectObjectId	The original object id of the associated Project
ProjectId	Project short name

Field	Description
ProjectName	Project name
DataDate	Date date
BaselineType	Baseline Type
StartDate	Start date
EndDate	End date
SummaryPlannedStart	Summarized Planned Start date
SummaryPlannedFinish	Summarized Planned finish date
SummaryActualStart	Summarized Actual Start date
SummaryActualFinish	Summarized Actual finish date
SummaryRemainingStart	Summarized Remaining Start date
SummaryRemainingFinish	Summarized Remaining finish date
SummaryPlannedCost	Summarized Planned cost
SummaryPlannedUnits	Summarized Planned Units
SummaryActualCost	Summarized Actual cost
SummaryActualUnits	Summarized Actual Units
SummaryAtCompletionCost	Summarized At completion cost
SummaryAtCompletionUnits	Summarized At Completion Units
SummaryRemainingCost	Summarized Remaining cost
SummaryRemainingUnits	Summarized Remaining Units
ResourceId	Resource short name
ResourceName	Resource Name
ResourceType	Resource Type
UnitName	Unit Name
UnitAbbreviation	Unit Abbreviation
CurrencyId	Currency Id
CurrencyName	Currency Name
PlannedUnits	Planned Units
ActualUnits	Actual Units
RemainingUnits	Remaining Units
AtCompletionUnits	At Completion Units
PlannedCost	Planned Cost

Field	Description
ActualCost	Actual Cost
RemainingCost	Remaining Cost
AtCompletionCost	At Completion Cost

## CostAccount

**Description:** Cost accounts contain the organization's cost account IDs. Available across all projects, they support tracking of costs and earned value based on the organization's cost account IDs. Cost accounts are hierarchical objects.

Field	Description
Description	The description of the cost account.
Id	The short code that uniquely identifies this cost account.
Name	The name of the cost account.
ObjectId	The unique of the cost account.
ParentObjectId	The unique ID of the parent cost account of this cost account in the hierarchy.
SequenceNumber	The sequence number for sorting.

## Currency

**Description:** Currency fields

Field	Description
ObjectId	The unique ID generated by the system.
Symbol	The symbol for decimal
DecimalSymbol	The symbol for decimal
DigitGroupingSymbol	The symbol for Digit Groups
PositiveSymbol	The symbol for positive currency
NegativeSymbol	The symbol for negative currency
Name	The Name of currency
Id	The id for currency

Field	Description
ExchangeRate	The exchange rate for currency
CreateDate	The create Date for currency
LastUpdateDate	The Last Update Date for currency
CreateUser	The name of the user that created this user-defined field.
LastUpdateUser	The name of the user that last updated this user-defined field.

## EPS

### Description: EPS

Field	Description
ObjectId	The unique id that uniquely identifies this EPS.
Id	The short name of the EPS.
Name	The name of the EPS.
ParentObjectId	Parent EPS Object ID.
CreateDate	The date this EPS was created.
CreateUser	The name of the user that created this EPS.
LastUpdateDate	The date this EPS was last updated.
LastUpdateUser	The name of the user that last updated this EPS.
AnticipatedFinishDate	Anticipated Finish Date.
AnticipatedStartDate	Anticipated Start Date.
CurrentBudget	Current Budget.
CurrentVariance	Current Variance.
DistributedCurrentBudget	DistributedCurrentBudget.
FinishDate	Finish Date.
GUID	GUID.
IndependentETCLaborUnits	Independent ETC Labor Units.
IndependentETCTotalCost	Independent ETC Total Cost.

LastSummarizedDate	Last Summarized Date.
LastUpdateDate	Last Update Date.
LastUpdateUser	Last Update User.
OBSName	OBS Name.
OBSObjectld	OBS Object Id.
OriginalBudget	Original Budget.
PlannedStartDate	Planned Start Date.
ProjectObjectld	Project Object Id.
ProposedBudget	Proposed Budget.
SequenceNumber	Sequence Number.
StartDate	StartDate.
SummaryAccountingVarianceByCost	Summary Accounting Variance By Cost.
SummaryAccountingVarianceByLaborUnits	Summary Accounting Variance By Labor Units.
SummaryActivityCount	Summary Activity Count.
SummaryActualDuration	Summary Actual Finish Date.
SummaryActualExpenseCost	Summary Actual Expense Cost.
SummaryActualFinishDate	Summary Actual Finish Date.
SummaryActualLaborCost	Summary Actual Labor Cost.
SummaryActualLaborUnits	Summary Actual Labor Units.
SummaryActualMaterialCost	Summary Actual Material Cost.
SummaryActualNonLaborCost	Summary Actual Non Labor Cost.
SummaryActualNonLaborUnits	Summary Actual Non Labor Units.
SummaryActualStartDate	Summary Actual Start Date.
SummaryActualThisPeriodCost	Summary Actual This Period Cost.
SummaryActualThisPeriodLaborCost	Summary Actual This Period LaborCost.
SummaryActualThisPeriodLaborUnits	Summary Actual This Period Labor Units.
SummaryActualThisPeriodMaterialCost	Summary Actual This Period Material Cost.
SummaryActualThisPeriodNonLaborCost	Summary Actual This Period Non Labor Cost.
SummaryActualThisPeriodNonLaborUnits	Summary Actual This Period Non Labor Units.

SummaryActualTotalCost	Summary Actual Total Cost.
SummaryActualValueByCost	Summary Actual Value By Cost.
SummaryActualValueByLaborUnits	Summary Actual Value By Labor Units.
SummaryAtCompletionDuration	Summary At Completion Duration.
SummaryAtCompletionExpenseCost	Summary At Completion Expense Cost.
SummaryAtCompletionLaborCost	Summary At Completion Labor Cost.
SummaryAtCompletionLaborUnits	Summary At Completion Labor Units.
SummaryAtCompletionMaterialCost	Summary At Completion Material Cost.
SummaryAtCompletionNonLaborCost	Summary At Completion Non LaborC ost.
SummaryAtCompletionNonLaborUnits	Summary At Completion Non Labor Units.
SummaryAtCompletionTotalCost	Summary At Completion Total Cost.
SummaryAtCompletionTotalCostVariance	Summary At Completion Total Cost Variance.
SummaryBaselineCompletedActivityCount	Summary Baseline Completed Activity Count.
SummaryBaselineDuration	Summary Baseline Duration.
SummaryBaselineExpenseCost	Summary Baseline Expense Cost.
SummaryBaselineFinishDate	Summary Baseline Finish Date.
SummaryBaselineInProgressActivityCount	Summary Baseline In Progress Activity Count.
SummaryBaselineLaborCost	Summary Baseline Labor Cost.
SummaryBaselineLaborUnits	Summary Baseline Labor Units.
SummaryBaselineMaterialCost	Summary Baseline Material Cost.
SummaryBaselineNonLaborCost	Summary Baseline Non Labor Cost.
SummaryBaselineNonLaborUnits	Summary Baseline Non Labor Units.
SummaryBaselineNotStartedActivityCount	Summary Baseline Not Started Activity Count.
SummaryBaselineStartDate	Summary Baseline Start Date.
SummaryBaselineTotalCost	Summary Baseline Total Cost.
SummaryBudgetAtCompletionByCost	Summary Budget At Completion By Cost.
SummaryBudgetAtCompletionByLaborUnits	Summary Budget At Completion By Labor Units.

SummaryCompletedActivityCount	Summary Completed Activity Count.
SummaryCostPercentComplete	Summary Cost Percent Complete.
SummaryCostPercentOfPlanned	Summary Cost Percent Of Planned.
SummaryCostPerformanceIndexByCost	Summary Cost Performance Index By Cost.
SummaryCostPerformanceIndexByLaborUnits	Summary Cost Performance Index By Labor Units.
SummaryCostVarianceByCost	Summary Cost Variance By Cost.
SummaryCostVarianceByLaborUnits	Summary Cost Variance By Labor Units.
SummaryCostVarianceIndex	Summary Cost Variance Index.
SummaryCostVarianceIndexByCost	Summary Cost Variance Index By Cost.
SummaryCostVarianceIndexByLaborUnits	Summary Cost Variance Index By Labor Units.
SummaryDurationPercentComplete	Summary Duration Percent Complete.
SummaryDurationPercentOfPlanned	Summary Duration Percent Of Planned.
SummaryDurationVariance	Summary Duration Variance.
SummaryEarnedValueByCost	Summary Earned Value By Cost.
SummaryEarnedValueByLaborUnits	Summary Earned Value By Labor Units.
SummaryEstimateAtCompletionByCost	Summary Estimate At Completion By Cost.
SummaryEstimateAtCompletionByLaborUnits	Summary Estimate At Completion By Labor Units.
SummaryEstimateAtCompletionHighPercentByLaborUnits	Summary Estimate At Completion High Percent By LaborUnits.
SummaryEstimateAtCompletionLowPercentByLaborUnits	Summary Estimate At Completion Low Percent By Labor Units.
SummaryEstimateToCompleteByCost	Summary Estimate To Complete By Cost.
SummaryEstimateToCompleteByLaborUnits	Summary Estimate To Complete By Labor Units.
SummaryExpenseCostPercentComplete	Summary Expense Cost Percent Complete.
SummaryExpenseCostVariance	Summary Expense Cost Variance.
SummaryFinishDateVariance	Summary Finish Date Variance.
SummaryInProgressActivityCount	Summary In Progress Activity Count.

SummaryLaborCostPercentComplete	Summary Labor Cost Percent Complete.
SummaryLaborCostVariance	Summary Labor Cost Variance.
SummaryLaborUnitsPercentComplete	Summary Labor Units Percent Complete.
SummaryLaborUnitsVariance	Summary Labor Units Variance.
SummaryMaterialCostPercentComplete	Summary Material Cost Percent Complete.
SummaryMaterialCostVariance	Summary Material Cost Variance.
SummaryNonLaborCostPercentComplete	Summary Non Labor Cost Percent Complete.
SummaryNonLaborCostVariance	Summary Non Labor Cost Variance.
SummaryNonLaborUnitsPercentComplete	Summary Non Labor Units Percent Complete.
SummaryNonLaborUnitsVariance	Summary Non Labor Units Variance.
SummaryNotStartedActivityCount	Summary Not Started Activity Count.
SummaryPerformancePercentCompleteByCost	Summary Performance Percent Complete By Cost.
SummaryPerformancePercentCompleteByLaborUnits	Summary Performance Percent Complete By Labor Units.
SummaryPlannedCost	Summary Planned Cost.
SummaryPlannedDuration	Summary Planned Duration.
SummaryPlannedExpenseCost	Summary Planned Expense Cost.
SummaryPlannedFinishDate	Summary Planned Finish Date.
SummaryPlannedLaborCost	Summary Planned Labor Cost.
SummaryPlannedLaborUnits	Summary Planned Labor Units.
SummaryPlannedMaterialCost	Summary Planned Material Cost.
SummaryPlannedNonLaborCost	Summary Planned Non Labor Cost.
SummaryPlannedNonLaborUnits	Summary Planned Non Labor Units.
SummaryPlannedStartDate	Summary Planned Start Date.
SummaryPlannedValueByCost	Summary Planned Value By Cost.
SummaryPlannedValueByLaborUnits	Summary Planned Value By Labor Units.
SummaryProgressFinishDate	Summary Progress Finish Date.
SummaryRemainingDuration	Summary Remaining Duration.



SummaryRemainingExpenseCost	Summary Remaining Expense Cost.
SummaryRemainingFinishDate	Summary Remaining Finish Date.
SummaryRemainingLaborCost	Summary Remaining Labor Cost.
SummaryRemainingLaborUnits	Summary Remaining Labor Units.
SummaryRemainingMaterialCost	Summary Remaining Material Cost.
SummaryRemainingNonLaborCost	Summary Remaining Non Labor Cost.
SummaryRemainingNonLaborUnits	Summary Remaining Non Labor Units.
SummaryRemainingStartDate	Summary Remaining Start Date.
SummaryRemainingTotalCost	Summary Remaining Total Cost.
SummarySchedulePercentComplete	Summary Schedule Percent Complete.
SummarySchedulePercentCompleteByLaborUnits	Summary Schedule Percent Complete By Labor Units.
SummarySchedulePerformanceIndexByCost	Summary Schedule Performance Index By Cost.
SummarySchedulePerformanceIndexByLaborUnits	Summary Schedule Performance Index By Labor Units.
SummaryScheduleVarianceByCost	Summary Schedule Variance By Cost.
SummaryScheduleVarianceByLaborUnits	Summary Schedule Variance By Labor Units.
SummaryScheduleVarianceIndex	Summary Schedule Variance Index.
SummaryScheduleVarianceIndexByCost	Summary Schedule Variance Index By Cost.
SummaryScheduleVarianceIndexByLaborUnits	Summary Schedule Variance Index By Labor Units.
SummaryStartDateVariance	Summary Start Date Variance.
SummaryToCompletePerformanceIndexByCost	Summary To Complete Performance Index By Cost.
SummaryTotalCostVariance	Summary Total Cost Variance.
SummaryTotalFloat	Summary Total Float.
SummaryUnitsPercentComplete	Summary Units Percent Complete.
SummaryVarianceAtCompletionByLaborUnits	Summary Variance At Completion By Labor Units.
TotalBenefitPlan	Total Benefit Plan.
TotalBenefitPlanTally	Total Benefit Plan Tally.
TotalFunding	Total Funding.

TotalSpendingPlan	Total Spending Plan.
TotalSpendingPlanTally	Total Spending Plan Tally.
UnallocatedBudget	Unallocated Budget.
UndistributedCurrentVariance	Undistributed Current Variance.

### ExpenseCategory

**Description:** Expense categories are used to categorize project expenses. They are used for standardizing expenses and for rolling up expenses across projects.

Field	Description
ExpenseCategory	The Expense Category Name.
ObjectId	The unique ID generated by the system.

### FinancialPeriod

**Description:** Financial periods are used to provide accurate display and reporting of actual units and costs. Financial periods may not overlap each other and do not have to be contiguous.

Field	Description
ObjectId	The unique ID of the financial period.
StartDate	The start date of the financial period.
EndDate	The end date of the financial period.
Name	The name of the financial period.

### Location

**Description:** The location is used to store address information including latitude and longitude. Locations can be assigned to resources, projects and/or activities.

Field	Description
AddressLine1	The first line of the address with street number and street name.
AddressLine2	The second line of the address with street number and street name.

Field	Description
City	The city name of the address.
Country	The country of the address.
CountryCode	The country code of the address.
Latitude	The latitude of the location.
LocationCode	The code that identifies this location.
Longitude	The longitude of the location.
Municipality	The municipality name of the address.
Name	The name of the location.
ObjectId	The unique ID generated by the system.
PostalCode	The postal code of the address.
State	The state name of the address.
StateCode	The state abbreviation of the address.

### NotebookTopic

**Description:** Notebook topics are used to categorize notes on EPS, project, WBS, and activity objects.

Field	Description
ObjectId	The unique ID of the NotebookTopic.
Name	The name of the NotebookTopic.
AvailableForActivity	The flag indicating that the topic will be available to assign to activities.
AvailableForWBS	The flag indicating that the topic will be available to assign to WBS.
AvailableForProject	The flag indicating that the topic will be available to assign to projects.
AvailableForEPS	The flag indicating that the topic will be available to assign to EPS.

## Project

**Description:** A project is a temporary endeavor undertaken to create a unique product, service, or result. Projects usually contain a work breakdown structure (WBS) and activities.

Field	Description
ActivityDefaultCalendarCode	The default activity calendar code
ActivityDefaultCalendarName	The name of the Activity Default Calendar of this project.
ActivityDefaultCalendarObjectId	The unique id of the Activity Default Calendar of this project.
ActivityDefaultDurationType	Indicates the activity default duration type of the activity..
ActualCost	The actual cost of the project
ActualDuration	The actual duration of the project.
ActualFinishDate	The date on which the project is actually finished.
ActualStartDate	The date on which the project is actually started.
AnnualDiscountRate	The annual discount rate value of the project.
AnticipatedFinishDate	The anticipated finish date of the project.
AnticipatedStartDate	The anticipated start date of the project.
AtCompletionCost	The at completion cost of the project.
BusinessSegment	A Project Code field to define the Business Segment of the project.
BusinessUnit	Organization Hierarchy-Business Unit
CalculateFloatBasedOnFinishDate	The flag that indicates how each activity's float will be calculated with respect to other projects in the scheduling batch. This setting only has an effect when scheduling multiple projects at the same time
Comments	A Project UDF to define additional comments for the project.
ComputeTotalFloatType	The method for calculating total float for all activities.
ConsiderForFinances	Consider for Finances flag.
CostPerformanceIndex	The cost performance index of the project.
CostVariance	The cost variance of the project.
CriticalActivityFloatThreshold	The maximum float time for activities before they are marked critical.
CriticalActivityPathType	Indicates Activity critical path type.

Field	Description
CriticalFloatThreshold	The option used for setting the critical float threshold value when scheduling projects.
CurrencyCode	Project currency.
CurrentBudget	The current budget of the project.
DataDate	Data date of the project.
DatesDuration	External mode- Dates Duration.
DefaultLaborExpenseType	Default expense type.
Description	The description of the project.
Division	Organization Hierarchy - Division.
DurationEffort	External mode- Duration Effort
EarnedValueCost	The earned value cost of the project.
EffortCost	External mode- Effort Cost
EMailNotificationFlag	Email notification flag
EstimateAtCompletionCost	The estimate at completion cost of the project.
EstimateToCompletionCost	The estimate to completion cost of the project.
FinanceApprvoalTemplate	Finance approval template
FinanceEditMode	Finance edit mode
FinanceLockDate	Project finance lock date
FinanceTemplateid	Finance template
FinanceTrackStartDate	Finance tracking start month
FinishDate	The finish date of the project.
ForecastCost	Initial Forecast - Cost
ForecaseGroup4	Initial forecast - Group 4
ForecastGroup5	Initial forecast - Group 5
ForecastNonRollup	Initial forecast - Nonrollup
ForecastTotal	Initial forecast - Total
FunctionalArea	Functional area
GracePeriodForCompletedActiities	Grace period for completed activities in timesheet
GracePeriodForFutureActiities	Grace period for future activities in timesheet

Field	Description
Id	The short code of the Project
IgnoreOtherProjectRelationships	The option used by the scheduler for treating activity relationships between projects when scheduling.
InitialForecast	Initial forecast - Savings
IntegratedType	The indicator that determines whether the resource is integrated with an Enterprise Resource Planning (ERP) system. 'Fusion' indicates the resource is integrated with Oracle Fusion. 'ERP' indicates the resource is integrated with another ERP system.
IsCapitalizationEnabled	Is capitalization enabled flag
IsCapitalized	Is capitalized flag
IsETCEnabledForTS	ETC enabled for timesheets flag
IsETCRequiredForTS	ETC required for timesheets flag
IsFinanceLockGlobal	Global finance lock flag
IsLaborExpenseMandatory	Labor Expense mandatory flag
Keywords	Project Keywords
LimitMultipleFloatPaths	The number of critical float paths to calculate.
Location	Organization hierarchy - Location
LocationCode	The code of the location assigned to the project.
LocationId	Location ID
LocationName	The name of the location assigned to the project.
LocationObjectId	The unique ID of the location assigned to the project.
MakeOpenEndedActivitiesCritical	The option used by the scheduler for automatically leveling resources when scheduling projects.
MaximumMultipleFloatPaths	The number of critical float paths to calculate
MultipleFloatPathsEnabled	The Boolean value that indicates whether multiple critical float paths (sequences of activities) should be calculated in the project schedule.
MultipleFloatPathsEndingActivityObjectId	The activity in the WBS that you want to represent the end of the float paths.
MultipleFloatPathsUseTotalFloat	The Boolean value that decides whether or not to use total float in multiple float path calculations.
MustFinishByDate	The expected completion date of the project.

Field	Description
Name	The name of the Project
NetPresentValue	The net present value of the project.
ObjectId	The unique ID generated by the system.
OriginalBudget	The original budget of the project.
OutOfSequenceScheduleType	The type of logic used to schedule the progressed activities: 'Retained Logic', 'Progress Override', or 'Actual Dates'.
Owner	Owner of the project
ParentEPSId	The parent eps id of the project.
ParentEPSObjectId	The unique ID of the parent EPS of this project.
PaybackPeriod	The payback period of the project.
PCS	Project initiative
PercentComplete	Project percent completion value
PercentCompleteType	Project percent completion type
PlannedBudget	The planned budget of the project.
PlannedDuration	The planned duration of the project.
PlannedStartDate	The expected start date of the project.
PlannedValueCost	The summary planned value by cost of the project.
PrimeWorkspace	A Project Code tied to define the Prime Workspace of the Project.
Priority	Priority
Process	Process
Product	Product
ProjectScheduleType	Schedule type of the project - Valid values are 'Duration' or 'Resource' or 'Cost'.
ProjectSource	Project source
ProjectType	Project type
PropertyType	The project property name associated with the scheduling of projects.
ProposedBudget	The proposed budget of the property.

Field	Description
Region	Organization hierarchy- Region
RelationshipLagCalendar	The calendar used to calculate the lag between predecessors and successors for all activities.
RemainingDuration	The remaining duration of the project.
RemainingTotalCost	The remaining total cost of the project.
ResourceComputationEnable	Resource computation enabled flag
ReturnInvestment	The return on investment of the project.
RiskMatrixCode	The code of the risk matrix.
RiskMatrixName	The name of the associated risk matrix.
RiskScore	The risk score of the project.
Roadmap	Project roadmap
SchedulePerformanceIndex	The schedule performance index of the project.
ScheduleVariance	The schedule variance of the project.
StartDate	The start date of the project.
StartToStartLagCalculationType	The method used to calculate lag when a start-to-start relationship exists and the predecessor starts out of sequence.
Status	The status of the project. valid values are PLANNED, ACTIVE, INACTIVE, WHAT-IF, REQUESTED.
StrategicPriority	The strategic priority of the project.
SubUnit	Organization hierarchy - Sub Unit
SummaryRemainingCost	The summary remaining total cost of the project.



Field	Description
URL	The string web site URL of the project.
UseExpectedFinishDates	The option used for setting activity finish dates as the expected finish dates when scheduling projects.
VarianceFinishDate	The variance finish date of the project.
VarianceStartDate	The variance start date of the project.

## ProjectCode

**Description:** Project codes are user-defined codes to classify and categorize projects across the enterprise.

Field	Description
CodeTypeName	The name of the project code type.
CodeTypeObjectId	The unique ID of the project code type.
CodeValue	The value of the project code.
Description	The description of the project code.
ObjectId	The unique ID generated by the system.
ParentId	The short code that uniquely identifies the parent Project code.
ParentObjectId	The unique ID of the parent project code.
SequenceNumber	The sequence number for sorting.
Weight	The weight for this project code.

## ProjectCodeType

**Description:** Project code types provide a way of classifying project codes. Project codes are user-defined codes to classify and categorize projects across the enterprise.

Field	Description
Length	The maximum number of characters allowed for values of this project code.

Field	Description
MaxCodeValueWeight	The maximum weight of the code values for this project code type.
Name	The name of the project code type.
ObjectId	The unique ID generated by the system.
Weight	The weight for this project code type.

## ProjectFinance

**Description:** EnterpriseTrack Project Finance.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
FinDataType	Finance Data Type ( current / snapshot / structure ) Current - Indicates data from the current project finance table. Snapshot - This indicates data from a snapshot of the project finance table. Structure - Indicates metadata that describes the project finance table and its structure.
OperationType	Operation Type. Specifies the operation being performed.
FintemplateId	The name of the project's finance template.
FintemplateVersionId	The version of the project's finance template.
FinEditMode	Finance Edit Mode ( M / Y / A ) This is to be used only when editing. M Finance Mode: Monthly Y Finance Mode: Yearly A Finance Mode: Aggregate
FinSearchMode	Finance Search Mode ( M / Y / A ). This is to be used only when searching. M Finance Mode: Monthly Y Finance Mode: Yearly A Finance Mode: Aggregate

Field	Description
FromYear	From (Start) Year when Searching or Updating. Applicable only if fin_search_mode or fin_edit_mode = Y. (YYYY Format) The element level period must be within range of from_year and to_year.
ToYear	To (End) Year when Searching or Updating. Applicable only if fin_search_mode or fin_edit_mode = Y. (YYYY Format) The element level period must be within range of from_year and to_year.
FromMonth	From (Start) Month when Searching or Updating. Applicable only if fin_search_mode or fin_edit_mode = M. (YYYY/MM Format) The element level period must be within range of from_month and to_month
ToMonth	To (End) Month when Searching or Updating. Applicable only if fin_search_mode or fin_edit_mode = M. (YYYY/MM Format) The element level period must be within range of from_month and to_month

## ProjectFinanceElement

**Description:** EnterpriseTrack Project Finance Element

Field	Description
Id	Element ID
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ProjectFinanceObjectId	The unique ID of the associated project finance.
ParentId	ID of the parent element. This will be empty if element_id is 'Total'.
SequenceNumber	Sequence of this element within parent. 10, 20, 30, etc.
ElementClass	Classification of element. This indicates the element's class within the project finance structure. Total Type: Total (There can be only one instance of this type. This is the root for all groups. Group Element type : Group Category Element type : Category Element Element type : Element
DisplayName	Display Name of the element.

Field	Description
ElementType	Indicates whether the element is currency or some user-specified, non-currency type (such as kilowatts, hours, etc.)
MfType	<p>Multiplication Factor Type</p> <p>Static Use 'Static' if the value of mf_tag is used to multiply element value to compute parent element value.</p> <p>Expr Use 'Expr' if the value of mf_tag is evaluated at runtime and its value is used to multiply element value to compute parent element value.</p>
MfValue	Multiplication factor of the element. This indicates its impact (contribution) toward computation of parent element values.
NumberOfUnits	This represents raw data, if element_type is non currency.
Value	This tag represents actual value of element. If element_type is not currency, it is not editable. It is computed internally from number_of_units.

## ProjectFinanceSnapshot

**Description:** EnterpriseTrack Project Finance Snapshot

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ProjectFinanceObjectId	The unique ID of the associated project finance.
SnapshotName	Snapshot Name
SnapshotDesc	Snapshot Description
IsDefaultSnapshot	Indicates whether or not this is the default snapshot.
IsEditableSnapshot	Indicates whether or not snapshot can be edited. Used only during export, as this is a read-only attribute.
SnapshotCreatedBy	Login ID of user who created snapshot.
SnapshotCreatedDate	Date on which snapshot was created.
SnapshotUpdatedBy	Login ID of user who last updated snapshot.
SnapshotUpdatedDate	Date on which snapshot was last updated.

## ProjectResource

**Description:** Primavera's resource planning feature allows you to do high-level project planning for future project or project that does not require resource assignments at the activity level.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ResourceObjectId	The unique ID of the associated resource.
WBSObjectId	The unique ID of the associated WBS.

## Relationship

**Description:** A relationship defines how an activity relates to the start or finish of another activity or assignment. These relationships, which form the logic of the project network, are used together with activity durations to determine schedule dates.

Field	Description
ObjectId	The unique ID generated by the system.
PredecessorActivityId	The unique ID of the predecessor activity.
PredecessorActivityObjectId	The unique ID of the predecessor activity.
PredecessorActivityType	The type of the predecessor activity, either 'Task Dependent', 'Resource Dependent', 'Level of Effort', or 'Milestone'.
PredecessorProjectId	The unique ID of the project that owns the predecessor activity.
PredecessorProjectObjectId	The unique ID of the project that owns the predecessor activity.
SuccessorActivityId	The unique ID of the successor activity.
SuccessorActivityObjectId	The unique ID of the successor activity.
SuccessorActivityType	The type of the successor activity, either 'Task Dependent', 'Resource Dependent', 'Level of Effort', or 'Milestone'.
SuccessorProjectId	The unique ID of the project that owns the successor activity.
SuccessorProjectObjectId	The unique ID of the project that owns the successor activity.

Field	Description
Type	The type of relationship: 'Finish to Start', 'Finish to Finish', 'Start to Start', or 'Start to Finish'.
Lag	The time lag of the relationship. This is the time lag between the predecessor activity's start or finish date and the successor activity's start or finish date, depending on the relationship type.

## Resource

**Description:** Resources include labor, nonlabor, and materials that are used for activities across all projects.

Field	Description
CalculateCostFromUnits	The option that determines whether any new assignments for this resource will have its costs recalculated whenever any quantity changes occur.
ObjectId	The unique Id for the Resource which is generated by the Primavera Data Integration application.
Id	The unique identifier of the Resource
IsActive	The option that determines whether the resource is active. A value of true indicates the resource is active.
LocationName	The name of the location assigned to the resource.
LocationObjectId	The unique ID of the location assigned to the resource.
Name	The name of the resource.
ResourceType	The indicator that determines the resource type. Valid values are LABOR, NON_LABOR, MATERIAL.
UnitOfMeasureAbbreviation	The unit of measure for a resource.
DefaultUnitsPerTime	The Default units/time setting for resource.
IsOverTimeAllowed	The option that determines whether overtime is allowed to be entered into a timesheet for the resource.
OfficePhone	The resource's work phone number.
EmailAddress	The resource's email address.
Title	The title of the resource.
EmployeeId	The resource identifier within the organization, typically the employee number or social security number.

Field	Description
OvertimeFactor	The overtime factor used to compute the overtime price for the resource.
OtherPhone	Other phone for the resource.
ParentObjectId	The unique ID of the parent resource of this resource in the hierarchy.
BusinessUnit	A Resource Code field to define the Business Unit of the Resource.
DepartmentId	A Resource UDF to define the Department Id of the Resource.
CalendarName	The name of the calendar that is assigned to the resource.
CalendarObjectId	The unique id of the calendar that is assigned to the resource.
PrimaryRoleId	The short code that uniquely identifies the primary role for this resource.
LocationCode	The code of the location assigned to the Resource.
CalendarCode	The unique code of the calendar.

## ResourceAssignment

**Description:** Resource assignments track the work of resources or roles that are performing various activities.

Field	Description
ActivityId	The short ID that uniquely identifies the activity within the project.
ActivityObjectId	The unique ID of the activity to which the resource is assigned.
ActivityType	The type of the activity, either 'Task Dependent', 'Resource Dependent', 'Level of Effort', or 'Milestone'.
ActualRegularUnits	The actual non-overtime units worked by the resource on this activity. This value is computed from timesheets when project actuals are applied or may be entered directly by the project manager.
ActualUnits	The actual non-overtime plus overtime units worked by the resource on this activity.

Field	Description
AssignmentCode	The code that identifies this assignment
AtCompletionUnits	The sum of the actual plus remaining units for the resource assignment on the activity.
IsActivityFlagged	The flag that indicates whether the resource who is assigned to the activity assignment has flagged the activity as important to the resource.
IsPrimaryResource	The flag that indicates whether this resource is the activity's primary resource.
ObjectId	The unique ID generated by the system.
PlannedDuration	The planned working time for the resource assignment on the activity, from the resource's planned start date to the planned finish date.
PlannedLag	The planned time lag between the activity's planned start date and the resource's planned start date on the activity.
PlannedUnits	The planned units of work for the resource assignment on the activity.
PlannedUnitsPerTime	The planned units per time at which the resource is to perform work on this activity.
ProjectId	The short code that uniquely identifies the project.
RateSource	The value that indicates which price/unit will be used to calculate costs for the assignment, such as 'Resource', 'Role', and 'Override'.
RemainingUnits	The remaining units of work to be performed by this resource on this activity.
ResourceId	The name that uniquely identifies the resource.
ResourceName	The name of the associated resource.
ResourceObjectId	The unique ID of the associated resource.
ResourceType	The resource type: 'Labor', 'Nonlabor', or 'Material'.
RolledupWBSObjectId	Rolled up WBS key after filtering either by levels or tagging
RoleId	The short code that uniquely identifies the role.
RoleObjectId	The unique ID of the associated role.
WBSObjectId	WBS key



## ResourceCode

**Description:** Resource codes are user-defined codes to classify and categorize resources across the enterprise.

Field	Description
CodeTypeName	The name of the resource code type.
CodeTypeObjectId	The unique ID of the resource code type.
CodeValue	The value of the resource code.
Description	The description of the resource code.
ObjectId	The unique ID generated by the system.
ParentObjectId	The unique ID of the parent resource code.

## ResourceCodeType

**Description:** Resource code types provide a way of classifying resource codes. Resource codes are user-defined codes to classify and categorize resources across the enterprise.

Field	Description
Length	The maximum number of characters allowed for values of this resource code.
Name	The name of the resource code type.
ObjectId	The unique ID generated by the system.

## ResourceRate

**Description:** Resource rates provide a way of specifying multiple resource prices and maximum units per time values that vary over time.

Field	Description
EffectiveDate	The effective time period of Resource Rate.
PricePerUnit	The non-overtime price per time for the resource.
PricePerUnit2	The non-overtime price per time for the resource.
PricePerUnit3	The non-overtime price per time for the resource.
PricePerUnit4	The non-overtime price per time for the resource.

PricePerUnit5	The non-overtime price per time for the resource.
ObjectId	The unique ID generated by the system.
ResourceObjectId	The unique ID of the associated resource.
MaxUnitsPerTime	The maximum work units per time this resource can perform on all their assigned activities.

## Risk

**Description:** The risk object represents a probabilistic event or condition which if it occurs has an impact on the project.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
Id	The ID of the Risk. Must be unique within a project.
Name	The name of the Risk. Does not need to be unique.
ResponseTotalCost	The total estimated cost for the risk.
Type	The type of the risk. Valid values are 'Threat' and 'Opportunity'.
Status	The current status of the Risk. Valid values are 'Proposed', 'Open', 'Rejected', 'Managed', and 'Impacted'.
Description	The description of the Risk.
Effect	The description of the risks effect on the project.
Cause	The description of the cause of the Risk.
IdentifiedDate	The date this risk was identified.

## RiskImpact

**Description:** The risk impact object stores the pre-response qualitative value assigned to a risk for each of the risk thresholds.

Field	Description
ObjectId	The unique ID generated by the system.

Field	Description
ProjectId	The short name of the associated project.
ProjectObjectId	The unique ID of the associated project.
RiskId	The short name of the associated risk.
RiskName	The name of the associated risk.
RiskObjectId	The unique ID of the associated risk.
RiskThresholdCode	The code of the risk threshold.
RiskThresholdLevelCode	The short name of the associated risk threshold level.
RiskThresholdLevelName	The name of the associated risk threshold level.
RiskThresholdLevelObjectId	The unique ID of the associated risk threshold level.
RiskThresholdName	The name of the associated risk threshold.
RiskThresholdObjectId	The unique ID of the associated risk threshold.

## RiskMatrix

**Description:** The risk matrix object contains the name and description of each probability and impact diagram (PID). The Risk Matrix is then used to qualitatively assess each risk and assign a score.

Field	Description
Code	The code of the risk matrix.
Description	The description of the risk matrix.
ImpactThresholdLevel	The number of levels for the impact thresholds assigned to the risk scoring matrix. This impact level with the probability level determines the size of the matrix.
IsActive	The indication of whether the response plan is currently active for the associated risk. Only one response plan can be active at a given time for a risk.
Name	The name of the risk matrix.
ObjectId	The unique ID generated by the system.
ProbabilityThresholdLevel	The number of levels for the probability threshold assigned to the risk matrix. This probability level with the impact level determines the size of the matrix.

Field	Description
RiskScoringMethod	The calculation method used to determine the risk score. Valid values are 'Highest', 'Average of Impacts', 'Average of Individual Scores'.

## RiskMatrixScore

**Description:** The risk matrix score object stores the score values from the probability and impact diagram (PID) of the risk score matrix.

Field	Description
ObjectId	The unique ID generated by the system.
ProbabilityThresholdLevel	The level number of the probability threshold. Valid numbers are 1-9.
RiskMatrixCode	The code of the risk matrix.
RiskMatrixName	The name of the associated risk matrix.
RiskMatrixObjectId	The unique ID of the associated risk matrix.
Severity1	The first severity level of the Risk Matrix Score.
Severity1Label	The label for the first severity level.
Severity2	The second severity level of the Risk Matrix Score.
Severity2Label	The label for the second severity level.
Severity3	The third severity level of the Risk Matrix Score.
Severity3Label	The label for the third severity level.
Severity4	The fourth severity level of the Risk Matrix Score.
Severity4Label	The label for the fourth severity level.
Severity5	The fifth severity level of the Risk Matrix Score.
Severity5Label	The label for the fifth severity level.
Severity6	The sixth severity level of the Risk Matrix Score.
Severity6Label	The label for the sixth severity level.
Severity7	The seventh severity level of the Risk Matrix Score.
Severity7Label	The label for the seventh severity level.
Severity8	The eighth severity level of the Risk Matrix Score.
Severity8Label	The label for the eighth severity level.

Field	Description
Severity9	The ninth severity level of the Risk Matrix Score.
Severity9Label	The label for the ninth severity level.

### RiskMatrixThreshold

**Description:** The risk matrix threshold object creates a relationship between a RiskThreshold object and a RiskMatrix object. This allows a single RiskThreshold object to be associated with multiple RiskMatrix objects.

Field	Description
ObjectId	The unique ID generated by the system.
RiskMatrixCode	The code of the risk matrix.
RiskMatrixName	The name of the associated risk matrix.
RiskMatrixObjectId	The unique ID of the associated risk matrix.
RiskThresholdCode	The name of the associated risk threshold.
RiskThresholdName	The name of the associated risk threshold.
RiskThresholdObjectId	The unique ID of the associated risk threshold.

### RiskResponseAction

**Description:** The risk response action object contains the detailed steps that need to occur to complete the risk response plan. Multiple actions can be associated with one response plan and each action can be linked to an activity in the project.

Field	Description
ObjectId	The unique ID generated by the system.
Id	The short name of the risk response plan.
Name	The name of the risk response plan.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
RiskId	The short name of the associated risk.
RiskResponsePlanObjectId	The unique ID of the associated risk response plan.
RiskResponsePlanId	The short name of the associated risk response plan.

Field	Description
RiskResponsePlanName	The name of the associated risk response plan.
ResourceObjectId	The unique ID of the associated resource.
ResourceId	The short name of the associated resource.
ResourceName	The name of the associated resource.
ActivityObjectId	The unique ID of the associated activity.
ActivityId	The short name of the associated activity.
ActivityName	The name of the associated activity.
StartDate	The start date of the risk response action. If an activity is assigned, the risk response action uses the activity start date.
FinishDate	The finish date of the risk response action. If an activity is assigned, the risk response action uses the activity finish date.
PlannedStartDate	The planned start date.
PlannedFinishDate	The planned finish date.
RemainingCost	The remaining cost associated with the risk response action.
ActualCost	The actual cost.
PlannedCost	The planned cost.
Status	The status of the risk response action. Valid values are 'Proposed', 'Sanctioned', 'Rejected', 'InProgress', and 'Complete'.

## RiskResponseActionImpact

**Description:** The risk response action impact object is a post-risk response action qualitative value that is assigned to a risk for each of the risk thresholds.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectId	The short name of the associated project.
ProjectObjectId	The unique ID of the associated project.
RiskId	The short name of the associated risk.
RiskResponseActionId	The short name of the associated risk

Field	Description
	response action.
RiskResponseActionName	The name of the associated risk response action.
RiskResponseActionObjectId	The unique ID of the associated risk response action.
RiskThresholdCode	The code of the risk threshold.
RiskThresholdLevelCode	The short name of the associated risk threshold level.
RiskThresholdLevelName	The name of the associated risk threshold level.
RiskThresholdLevelObjectId	The unique ID of the associated risk threshold level.
RiskThresholdName	The name of the associated risk threshold.
RiskThresholdObjectId	The unique ID of the associated risk threshold.

## RiskResponsePlan

**Description:** The risk response plan object communicates how the project team plans to address the identified risk.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
RiskObjectId	The unique ID of the associated risk.
RiskId	The short name of the associated risk.
RiskName	The name of the associated risk.
Id	The short name of the risk response plan.
Name	The name of the risk response plan.
IsActive	The indication of whether the response plan is currently active for the associated risk. Only one response plan can be active at a given time for a risk.
ResponseType	The risk response plan type. If the risk is a threat, the valid types are 'Avoid', 'Transfer', 'Reduce', and 'Accept'. If the risk is a opportunity, the valid types are 'Exploit', 'Facilitate', 'Enhance',

	and 'Reject'.
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## RiskThreshold

**Description:** The risk threshold object contains the name, description, and type of each risk threshold. Risk thresholds provide a mechanism for setting up the criteria that is used to assess the risk.

Field	Description
Code	The code of the risk matrix.
Name	The name of the risk threshold.
ObjectId	The unique ID generated by the system.
ThresholdType	The type of Risk Threshold. Valid types are 'Probability', 'Tolerance', 'Schedule', 'Cost', 'Relative Schedule', 'Relative Cost' and 'User Defined'.

## RiskThresholdLevel

**Description:** The risk threshold level object stores the level information (e.g. Low, Medium, High) for each risk threshold.

Field	Description
Code	The 10 character code for the threshold level.
Color	The Hex representation for the color e.g. 0xFFFFFFFF.
CostRange	The cost range of the threshold level.
Level	The valid values are between 0 and 9. Defines a level for the Risk Threshold.
Name	The 40 character name for the threshold level.
ObjectId	The unique ID generated by the system.
ProbabilityRange	The probability range of the threshold level.
Range	The user defined range.
RiskThresholdCode	The code of the risk threshold.
RiskThresholdName	The name of the associated risk threshold.
RiskThresholdObjectId	The unique ID of the associated risk threshold.
ScheduleRange	The schedule range of the threshold level.



Field	Description
ThresholdType	The type of risk threshold. Valid types are, 'Probability', 'Tolerance', 'Schedule', 'Cost', 'Relative Schedule', 'Relative Cost' and 'User Defined'.
ToleranceRange	The tolerance range of the threshold level.

## Role

**Description:** Roles are project personnel job titles or skills, such as mechanical engineer, inspector, or carpenter. They represent a type of resource with a certain level of proficiency rather than a specific individual.

Field	Description
Id	The unique identifier of the Role
Name	The name of the resource or role.
ObjectId	The unique ID generated by the system.
ParentObjectId	The unique ID of the parent role of this role in the hierarchy.
Description	The responsibilities for the role.
CalculateCostFromUnits	The option that indicates whether costs and quantities are linked, and whether quantities should be updated when costs are updated.

## RoleRate

**Description:** Role rates enable you to select a predefined price per unit for cost calculating when assigning the role to an activity.

Field	Description
ObjectId	The unique ID generated by the system.
RoleObjectId	The unique ID of the associated role.
PricePerUnit	The non-overtime price per time for the resource.
PricePerUnit2	The non-overtime price per time for the resource.
PricePerUnit3	The non-overtime price per time for the resource.
PricePerUnit4	The non-overtime price per time for the resource.

Field	Description
PricePerUnit5	The non-overtime price per time for the resource.

## UDFType

**Description:** User-defined fields (UDFs) enable users to add custom fields and values to the project database.

Field	Description
DataType	The data type of the user-defined field: 'Text', 'Start Date', 'Finish Date', 'Cost', 'Double', 'Integer', 'Indicator', or 'Code'.
ObjectId	The unique ID generated by the system.
SubjectArea	The subject area of the user-defined field.
Title	The name/title of the user-defined field.

## WBS

**Description:** The project work breakdown structure (WBS) is a hierarchical arrangement of the products and services produced during and by a project. Each element of a WBS may contain more-detailed WBS elements, activities, or both. WBS are hierarchical objects.

Field	Description
AnticipatedStartDate	The anticipated start date of WBS, project and EPS elements.
AnticipatedFinishDate	The anticipated finish date of WBS, project and EPS elements.
ObjectId	The unique ID generated by the system.
ProjectId	The project Id of the WBS.
ProjectObjectId	The unique ID of the associated project.
ParentObjectId	The unique ID of the parent WBS of this WBS in the hierarchy.
Code	The short name of the WBS.
CurrentBudget	The current budget of the WBS.
FinishDate	The date finish date of the WBS.
IsWorkPackage	Whether this WBS is a work package.

Field	Description
Name	The name of the WBS.
StartDate	The start date of the WBS.
WBSCategoryObjectId	The unique wbs category objectId of the WBS.
SequenceNumber	The sequence number of the WBS.

### WBSCategory

**Description:** As their name implies, WBS categories are used to categorize WBS elements. They are defined globally.

Field	Description
ObjectId	The unique ID generated by the system.
Name	The name of the WBS category.

### WBSExpenseSpread

**Description:** Expense spread data per WBS per ExpenseCategory

Field	Description
ObjectId	The unique ID generated by the system.
WBSObjectId	The unique ID of WBS.
ExpenseCategoryObjectId	The unique ID of ExpenseCategory.
PeriodType	The type of period for summarized spread data.
StartDate	Spread start date.
EndDate	Spread end date.
WBSCode	WBS Code.
ExpenseCategoryName	ExpenseCategory name.
ActualCost	Actual cost.
AtCompletionCost	At completion cost.
PlannedCost	Planned cost.
RemainingCost	Remaining cost.

**WBSResourceSpread****Description:** Spread data per WBS per Resource

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of Project.
ResourceObjectId	The unique ID of Resource.
RoleObjectId	The unique ID of Role.
WBSObjectId	The unique ID of WBS.
PeriodType	The type of period for summarized spread data.
StartDate	Spread start date.
EndDate	Spread end date.
ProjectId	Project short name.
WBSCode	WBS short name.
ResourceId	Resource short name.
RoleId	Role short name.
ActualCost	Actual Cost.
ActualOvertimeCost	Actual Overtime Cost.
ActualOvertimeUnits	Actual Overtime Units.
ActualRegularCost	Actual Regular Cost.
ActualRegularUnits	Actual Regular Units.
ActualUnits	Actual Units.
AtCompletionCost	At Completion Cost.
AtCompletionUnits	At Completion Units.
Limit	Limit.
PeriodActualCost	Period Actual Cost.
PeriodActualUnits	Period Actual Units.
PeriodAtCompletionCost	Period At Completion Cost.
PeriodAtCompletionUnits	Period At Completion Units.
PlannedCost	Planned Cost.
PlannedUnits	Planned Units.
RemainingCost	Remaining Cost.

Field	Description
RemainingLateCost	Remaining Late Cost.
RemainingLateUnits	Remaining Late Units.
RemainingUnits	Remaining Units.
StaffedActualCost	Staffed Actual Cost.
StaffedActualOvertimeCost	Staffed Actual Overtime Cost.
StaffedActualOvertimeUnits	Staffed Actual Overtime Units.
StaffedActualRegularCost	Staffed Actual Regular Cost.
StaffedActualRegularUnits	Staffed Actual Regular Units.
StaffedActualUnits	Staffed Actual Units.
StaffedAtCompletionCost	Staffed At Completion Cost.
StaffedAtCompletionUnits	Staffed At Completion Units.
StaffedPlannedCost	Staffed Planned Cost.
StaffedPlannedUnits	Staffed Planned Units.
StaffedRemainingCost	Staffed Remaining Cost.
StaffedRemainingLateCost	Staffed Remaining Late Cost.
StaffedRemainingLateUnits	Staffed Remaining Late Units.
StaffedRemainingUnits	Staffed Remaining Units.

## WBSSpread

**Description:** Summarized spread data per WBS

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of Project.
WBSObjectId	The unique ID of WBS.
PeriodType	The type of period for summarized spread data.
StartDate	Spread start date.
EndDate	Spread end date.
ProjectId	Project short name.

Field	Description
WBSCode	WBS Code.
ActualCost	Actual Cost.
ActualExpenseCost	Actual Expense Cost.
ActualLaborCost	Actual Labor Cost.
ActualLaborUnits	Actual Labor Units.
ActualMaterialCost	Actual Material Cost.
ActualNonlaborCost	Actual Nonlabor Cost.
ActualNonlaborUnits	Actual Nonlabor Units.
ActualTotalCost	Actual Total Cost.
AtCompletionExpenseCost	At Completion Expense Cost.
AtCompletionLaborCost	At Completion Labor Cost.
AtCompletionLaborUnits	At Completion Labor Units.
AtCompletionMaterialCost	At Completion Material Cost.
AtCompletionNonlaborCost	At Completion Nonlabor Cost.
AtCompletionNonlaborUnits	At Completion Nonlabor Units.
AtCompletionTotalCost	At Completion Total Cost.
BaselinePlannedExpenseCost	Baseline Planned Expense Cost.
BaselinePlannedLaborCost	Baseline Planned Labor Cost.
BaselinePlannedLaborUnits	Baseline Planned Labor Units.
BaselinePlannedMaterialCost	Baseline Planned Material Cost.
BaselinePlannedNonlaborCost	Baseline Planned Nonlabor Cost.
BaselinePlannedNonlaborUnits	Baseline Planned Nonlabor Units.
BaselinePlannedTotalCost	Baseline Planned Total Cost.
EarnedValueCost	Earned Value Cost.
EarnedValueLaborUnits	Earned Value Labor Units.
EstimateAtCompletionCost	Estimate At Completion Cost.
EstimateAtCompletionLaborUnits	Estimate At Completion Labor Units.
EstimateToCompleteCost	Estimate To Complete Cost.
EstimateToCompleteLaborUnits	Estimate To Complete Labor Units.
PeriodActualCost	Period Actual Cost.
PeriodActualExpenseCost	Period Actual Expense Cost.

Field	Description
PeriodActualLaborCost	Period Actual Labor Cost.
PeriodActualLaborUnits	Period Actual Labor Units.
PeriodActualMaterialCost	Period Actual Material Cost.
PeriodActualNonLaborCost	Period Actual NonLabor Cost.
PeriodActualNonLaborUnits	Period Actual NonLabor Units.
PeriodAtCompletionExpenseCost	Period At Completion Expense Cost.
PeriodAtCompletionLaborCost	Period At Completion Labor Cost.
PeriodAtCompletionLaborUnits	Period At Completion Labor Units.
PeriodAtCompletionMaterialCost	Period At Completion Material Cost.
PeriodAtCompletionNonLaborCost	Period At Completion NonLabor Cost.
PeriodAtCompletionNonLaborUnits	Period At Completion NonLabor Units.
PeriodAtCompletionTotalCost	Period At Completion Total Cost.
PeriodEarnedValueCost	Period Earned Value Cost.
PeriodEarnedValueLaborUnits	Period Earned Value Labor Units.
PeriodEstimateAtCompletionCost	Period Estimate At Completion Cost.
PeriodEstimateAtCompletionLaborUnits	Period Estimate At Completion Labor Units.
PeriodPlannedValueCost	Period Planned Value Cost.
PeriodPlannedValueLaborUnits	Period Planned Value Labor Units.
PlannedExpenseCost	Planned Expense Cost.
PlannedLaborCost	Planned Labor Cost.
PlannedLaborUnits	Planned Labor Units.
PlannedMaterialCost	Planned Material Cost.
PlannedNonlaborCost	Planned Nonlabor Cost.
PlannedNonlaborUnits	Planned Nonlabor Units.
PlannedTotalCost	Planned Total Cost.
PlannedValueCost	Planned Value Cost.
PlannedValueLaborUnits	Planned Value Labor Units.
RemainingExpenseCost	Remaining Expense Cost.
RemainingLaborCost	Remaining Labor Cost.
RemainingLaborUnits	Remaining Labor Units.

Field	Description
RemainingLateExpenseCost	Remaining Late Expense Cost.
RemainingLateLaborCost	Remaining Late Labor Cost.
RemainingLateLaborUnits	Remaining Late Labor Units.
RemainingLateMaterialCost	Remaining Late Material Cost.
RemainingLateNonlaborCost	Remaining Late Nonlabor Cost.
RemainingLateNonlaborUnits	Remaining Late Nonlabor Units.
RemainingLateTotalCost	Remaining Late Total Cost.
RemainingMaterialCost	Remaining Material Cost.
RemainingNonlaborCost	Remaining Nonlabor Cost.
RemainingNonlaborUnits	Remaining Nonlabor Units.
RemainingTotalCost	Remaining Total Cost.



## P6 Business Objects

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For the P6 provider, the following business objects are available in the data dictionary. Select a specific business object to review a detailed list of fields supported for that business object.

Business Object	Description
Calendar	Calendars define the available work hours in each calendar day, and include global, resource, and project types.
Resource	Resources include labor, nonlabor, and materials that are used for activities across all projects.
ResourceRate	Resource rates specify multiple resource prices and maximum units per time values that vary over time.
Role	Roles are project personnel job titles or skills, such as mechanical engineer, inspector, or carpenter. They represent a type of resource with a certain level of proficiency rather than a specific individual.
RoleRate	Role rates enable you to select a predefined price per unit for cost calculating when assigning the role to an activity.
ExpenseCategory	Expense categories are used to categorize project expenses. They are used for standardizing expenses and for rolling up expenses across projects.
Project	A project is a temporary endeavor undertaken to create a unique product, service, or result. Projects usually contain a work breakdown structure (WBS) and activities.
WBS	The project work breakdown structure (WBS) is a hierarchical arrangement of the products and services produced during and by a project. Each element of a WBS may contain more-detailed WBS elements, activities, or both. WBS are hierarchical objects.
WBSCategory	WBS categories group WBS elements based on a shared attribute. They are defined globally.
Activity	An activity is a unit of work performed during the course of a project.
ActivityExpense	Activity expenses are non-resource costs associated with a project and assigned to a project's activities.

Business Object	Description
	They are typically one-time expenditures for non-reusable items.
ResourceAssignment	Resource assignments track the work of resources or roles that are performing various activities.
ProjectResource	Primavera's resource planning feature allows you to do high-level project planning for future project or project that does not require resource assignments at the activity level.
Relationship	A relationship defines how an activity relates to the start or finish of another activity or assignment. These relationships, which form the logic of the project network, are used together with activity durations to determine schedule dates.
WBSResourceSpread	Spread data per WBS per Resource
WBSExpenseSpread	Expense spread data per WBS per ExpenseCategory.
WBSSpread	Summarized spread data per WBS.
CostAccount	Cost accounts contain the organization's cost account IDs. Available across all projects, they support tracking of costs and earned value based on the organization's cost account IDs. Cost accounts are hierarchical objects.
FinancialPeriod	Financial periods are used to provide accurate display and reporting of actual units and costs. Financial periods may not overlap each other and do not have to be contiguous.
Location	The location is used to store address information including latitude and longitude. Locations can be assigned to resources, projects and/or activities.
Currency	Currencies are the monetary units used to store costs for all projects in the database. Monetary units are stored in the database with a base currency but can be viewed in other currencies using the exchange for each currency.
BaselineTypeFields	
UDFType	User-defined fields (UDFs) enable users to add custom fields and values to the project database.
ProjectCodeType	Project code types provide a way of classifying project codes. Project codes are user-defined codes to

Business Object	Description
	classify and categorize projects across the enterprise.
ProjectCode	Project codes are user-defined codes to classify and categorize projects across the enterprise.
EPS	Enterprise Project Structure.
NotebookTopic	Notebook topics are used to categorize notes on EPS, project, WBS, and activity objects.
CBS	CBS business object.
CBSDurationSummary	CBSDurationSummary business object.
Risk	The risk object represents a probabilistic event or condition which if it occurs has an impact on the project.
CBSResourceSpread	Summarized spread data per CBS per resource assignment
CBSExpenseSpread	Summarized spread data per CBS per expense category
ActivityRisk	The activity risk object stores the relationship between a single Activity and a single Risk.
RiskResponsePlan	The risk response plan object communicates how the project team plans to address the identified risk.
RiskResponseAction	The risk response action object contains the detailed steps that need to occur to complete the risk response plan. Multiple actions can be associated with one response plan and each action can be linked to an activity in the project.
RiskResponseActionImpact	The risk response action impact object is a post-risk response action qualitative value that is assigned to a risk for each of the risk thresholds.
RiskImpact	The risk impact object stores the pre-response qualitative value assigned to a risk for each of the risk thresholds.
RiskMatrix	The risk matrix object contains the name and description of each probability and impact diagram (PID). The Risk Matrix is then used to qualitatively assess each risk and assign a score.
RiskMatrixScore	The risk matrix score object stores the score values from the probability and impact diagram (PID) of the risk score matrix.

Business Object	Description
RiskThreshold	The risk threshold object contains the name, description, and type of each risk threshold. Risk thresholds provide a mechanism for setting up the criteria that is used to assess the risk.
RiskThresholdLevel	The risk threshold level object stores the level information (e.g. Low, Medium, High) for each risk threshold.
RiskMatrixThreshold	The risk matrix threshold object creates a relationship between a RiskThreshold object and a RiskMatrix object. This allows a single RiskThreshold object to be associated with multiple RiskMatrix objects.

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## Activity

**Description:** An activity in P6 EPPM is a unit of work performed during the course of a project.

Field	Description
AccountingVariance	The difference between the planned value of work scheduled and the actual cost of work performed. Computed as accounting variance = planned value - actual cost . A negative value indicates that actual costs have exceeded the scheduled costs.
AccountingVarianceLaborUnits	The difference between the planned value of work scheduled and the actual work performed. Computed as accounting variance labor units = planned value labor units - actual units.
ActualDuration	The activity actual duration percent of planned. Computed as actual duration / BL duration * 100. The value can exceed 100. The BL duration is the activity's at completion duration from the project baseline.
ActualExpenseCost	The actual costs for all project expenses associated with the activity.
ActualFinishDate	The date on which the activity is actually finished.
ActualLaborCost	The actual costs for all labor resources assigned to the activity. If no resources are assigned, computed as the activity actual labor units * project default price / time.
ActualLaborUnits	The actual units for all labor resources assigned to the activity.
ActualMaterialCost	The sum of all regular and overtime costs for material resources.
ActualNonLaborCost	The actual costs for all nonlabor resources assigned to the activity. If no resources are assigned, computed as the activity actual nonlabor units * project default price / time.
ActualNonLaborUnits	The actual units for all nonlabor resources assigned to the activity.
ActualStartDate	The date on which the activity is actually started.
ActualThisPeriodLaborCost	The actual this period labor cost for all labor resources assigned to the activity.

Field	Description
ActualThisPeriodLaborUnits	The actual this period labor units (hours) for all labor resources assigned to the activity.
ActualThisPeriodMaterialCost	The sum of all material resource costs for the current period.
ActualThisPeriodNonLaborCost	The actual this period nonlabor cost for all nonlabor resources assigned to the activity. If no resources are assigned, computed as the activity actual nonlabor units * project default price / time.
ActualThisPeriodNonLaborUnits	The actual this period nonlabor units (hours) for all nonlabor resources assigned to the activity.
ActualTotalCost	The actual total cost for the activity, including labor resources, nonlabor resources, and project expenses. Actual total cost = actual labor costs + actual nonlabor costs + actual expense costs.
ActualTotalUnits	the sum of Actual Labor Units and Actual Nonlabor Units.
AtCompletionDuration	The total working time from the activity's current start date to the current finish date.
AtCompletionExpenseCost	The sum of the actual plus remaining costs for all expenses associated with the activity. Computed as actual expense cost + remaining expense cost.
AtCompletionLaborCost	The sum of the actual plus remaining costs for all labor resources assigned to the activity. Computed as actual labor cost + remaining labor cost.
AtCompletionLaborUnits	The sum of the actual plus remaining units for all labor resources assigned to the activity. Computed as actual labor units + remaining labor units.
AtCompletionLaborUnitsVariance	The project baseline planned total labor units minus the estimate at completion labor units.
AtCompletionMaterialCost	The sum of all actual and remaining costs for material resources.
AtCompletionNonLaborCost	The sum of the actual plus remaining costs for all nonlabor resources assigned to the activity. Computed as actual nonlabor cost + remaining nonlabor cost.
AtCompletionNonLaborUnits	The sum of the actual plus remaining units for all nonlabor resources assigned to the activity. Computed as actual nonlabor units + remaining nonlabor units.

Field	Description
AtCompletionTotalCost	The total cost at completion for the activity, including labor resources, nonlabor resources, and project expenses. At completion total cost = at completion labor cost + at completion nonlabor cost + at completion expense cost.
AtCompletionTotalUnits	The sum of the actual plus remaining units for the resource assignment on the activity.
AtCompletionVariance	The difference between the project baseline total cost and the current estimate of total cost. Computed as $VAC = BAC - EAC$ . A negative value indicates an estimated cost overrun. BAC is computed from the current project baseline.
AutoComputeActuals	The option that determines whether the activity's actual and remaining units, start date, finish date, and percent complete are computed automatically using the planned dates, planned units and the schedule percent complete.
Baseline1Duration	The duration for the activity in the primary baseline.
Baseline1FinishDate	The current finish date of the activity in the primary baseline.
Baseline1PlannedDuration	The planned duration for the activity in the primary baseline. Planned duration is the total working time from the activity current start date to the current finish date.
Baseline1PlannedExpenseCost	The planned costs for all project expenses associated with the activity. This field is named Baseline 1 Budgeted Expense Cost in Primavera's Engineering and Construction and Maintenance and Turnaround solutions.
Baseline1PlannedLaborCost	The cost at completion for all labor resources assigned to the activity in the primary baseline. Computed from the primary baseline at completion labor units.
Baseline1PlannedLaborUnits	The planned units for all labor resources assigned to the activity. This field is named Baseline 1 Budgeted Labor Units in Primavera's Engineering and Construction and Maintenance and Turnaround solutions.
Baseline1PlannedMaterialCost	The Planned Material Cost for a primary baseline activity.



Field	Description
Baseline1PlannedNonLaborCost	The planned costs for all nonlabor resources assigned to the activity. If no resources are assigned, computed as the activity planned nonlabor units * project default price / time.
Baseline1PlannedNonLaborUnits	The planned units for all nonlabor resources assigned to the activity. This field is named Baseline 1 Budgeted Non Labor Units in Primavera's Engineering and Construction and Maintenance and Turnaround solutions.
Baseline1PlannedTotalCost	The planned total cost for the activity, including labor resources, nonlabor resources, and project expenses. Planned total cost = planned labor cost + planned nonlabor cost + planned expense cost.
Baseline1StartDate	The current start date of the activity in the primary baseline. Set to the planned start date until the activity is started, then set to the actual start date.
BaselineDuration	The duration for the activity in the project baseline.
BaselineFinishDate	The current finish date of the activity in the project baseline.
BaselinePlannedDuration	The planned duration for the activity in the project baseline.
BaselinePlannedExpenseCost	The planned costs for all project expenses associated with the activity.
BaselinePlannedLaborCost	The cost at completion for all labor resources assigned to the activity in the project baseline.
BaselinePlannedLaborUnits	The planned units for all labor resources assigned to the activity.
BaselinePlannedMaterialCost	The Planned Material Cost for a project baseline activity.
BaselinePlannedNonLaborCost	The planned costs for all nonlabor resources assigned to the activity.
BaselinePlannedNonLaborUnits	The planned units for all nonlabor resources assigned to the activity.
BaselinePlannedTotalCost	The planned total cost for the activity, including labor resources, nonlabor resources, and project expenses.
BaselineStartDate	The current start date of the activity in the project baseline.

Field	Description
BudgetAtCompletion	The planned total cost through activity completion.
CalendarName	The name of the calendar.
CalendarObjectId	The unique ID of the calendar assigned to the activity. Activity calendars can be assigned from the global calendar pool or the project calendar pool.
CostPercentComplete	The percent complete of costs for all labor resources, nonlabor resources, and expenses for the activity.
CostPercentOfPlanned	The percent complete of planned costs for all labor resources, nonlabor resources, and expenses for the activity.
CostPerformanceIndex	The earned value divided by the actual cost. A value less than 1 indicates that actual cost have exceeded the planned value.
CostPerformanceIndexLaborUnits	The ratio of the earned value labor units and the actual work performed. Computed as CPI labor units = earned value labor units / actual labor units.
CostVariance	The difference between the earned value and the actual cost of work performed. Computed as CV = earned value - actual costs.
CostVarianceIndex	The ratio of the cost variance and the earned value of work performed. Computed as CVI = cost variance / earned value.
CostVarianceIndexLaborUnits	The ratio of the cost variance labor units and the earned value of work performed. Computed as CVI labor units = CV labor units / earned value labor units.
CostVarianceLaborUnits	The difference between the earned value of labor units and the actual cost of labor units. Calculated as CV labor units = earned value planned units - actual units.
CreateDate	The date this activity was created.
CreateUser	The name of the user that created this activity.
DataDate	The current data date for the project. The project status is up to date as of the data date. The data date is modified when project actuals are applied.
Duration1Variance	The duration between the activity's primary baseline duration and the at complete duration. Computed as primary baseline duration - at completion duration.

Field	Description
DurationPercentComplete	The percent complete of the activity duration. Computed as (planned duration - remaining duration) / planned duration * 100. Always in the range 0 to 100.
DurationPercentOfPlanned	The activity actual duration percent of planned. Computed as actual duration / BL duration * 100. The value can exceed 100. The BL duration is the activity's at completion duration from the project baseline.
DurationType	The duration type of the activity. One of 'Fixed Units/Time', 'Fixed Duration and Units/Time', 'Fixed Units', or 'Fixed Duration and Units'.
DurationVariance	The duration between the activity's project baseline duration and the at complete duration. Computed as project baseline duration - at completion duration.
EarlyFinishDate	The earliest possible date the activity can finish. This date is computed by the project scheduler based on network logic, schedule constraints, and resource availability.
EarlyStartDate	The earliest possible date the remaining work for the activity can begin. This date is computed by the project scheduler based on network logic, schedule constraints, and resource availability.
EarnedValueCost	The portion of the project baseline total cost of the activity that is actually completed as of the project data date. Computed as earned value = BAC * performance % complete.
EarnedValueLaborUnits	The portion of the project baseline labor units that is actually completed as of the project data date. Computed as labor units earned value = project baseline labor units * performance % complete.
EstimateAtCompletionCost	The estimated cost at completion for the activity. Computed as the actual total cost plus the estimate-to-complete cost; EAC = ACWP + ETC.
EstimateAtCompletionLaborUnits	The estimated labor units at completion of the activity. Calculated as actual labor units + estimate to complete labor units.
EstimateToComplete	The estimated cost to complete the activity. Computed as either the remaining total cost for the activity (remaining total cost), or as PF * (BAC - earned value), depending on the earned-value

Field	Description
	technique selected for the activity's WBS..
EstimateToCompleteLaborUnits	The estimated quantity to complete the activity. Computed as either the remaining total units for the activity (remaining total units), or as $PF * (BL \text{ labor units} - \text{earned value})$ , depending on the earned-value technique selected for the activity's WBS.
ExpectedFinishDate	The date the activity is expected to be finished according to the progress made on the activity's work products. The expected finish date is entered manually by people familiar with progress of the activity's work products.
ExpenseCost1Variance	The difference between primary baseline expense cost and at completion expense cost.
ExpenseCostPercentComplete	The percent complete of costs for all expenses associated with the activity. Computed as $\text{actual expense cost} / \text{at completion expense cost} * 100$ . Always in the range 0 to 100.
ExpenseCostVariance	The difference between project baseline expense cost and at completion expense cost. Calculated as $\text{project baseline expense cost} - \text{at completion expense cost}$ ( $\text{at completion expense cost} = \text{actual expense cost} + \text{remaining expense cost}$ ).
ExternalEarlyStartDate	The date value that determines the early start date for imported activities with external constraints lost (relations from/to external projects that do not exist in the database).
ExternalLateFinishDate	The date value that determines the Late Finish Date for imported activities with external constraints lost (from/to external projects that do not exist in the database).
Feedback	The feedback from the resource.
FinishDate	The current finish date of the activity. Set to the activity planned finish date while the activity is not started, the remaining finish date while the activity is in progress, and the actual finish date once the activity is completed.
FinishDate1Variance	The duration between the finish date in the current project and the primary baseline finish date. Calculated as $\text{finish date} - \text{primary baseline finish date}$ .
FloatPath	The integer representing the critical path this activity

Field	Description
	is on. The value 1 is the most critical path, value 2 is the second most critical path, etc.
FreeFloat	The amount of time the activity can be delayed before delaying the start date of any successor activity.
GUID	The globally unique ID generated by the system.
HasFutureBucketData	The flag that indicates whether a resource assignment on the activity has future bucket data.
Id	The short ID that uniquely identifies the activity within the project.
IsBaseline	The boolean value indicating if this business object is related to a Project or Baseline
IsCritical	The flag that indicates whether the activity is critical. An activity is critical when its total Float is below the critical duration specified for the project. Delaying critical activities will delay the finish date of the project.
IsLongestPath	The flag that indicates whether an activity is on the longest path.
IsNewFeedback	The flag that indicates that a resource has sent feedback notes about this activity which have not been reviewed yet.
IsTemplate	The boolean value indicating if this business object is related to a template Project.
LaborCost1Variance	The difference between primary baseline labor cost and at completion labor cost. Calculated as BL labor cost - at completion labor cost.
LaborCostPercentComplete	The percent complete of costs for all labor resources assigned to the activity. Computed as actual labor cost / at completion labor cost * 100. Always in the range 0 to 100.
LaborCostVariance	The difference between project baseline labor cost and at completion labor cost. Calculated as BL labor cost - at completion labor cost.
LaborUnits1Variance	The difference between primary baseline labor units and at completion labor units. Calculated as BL labor units - at completion labor units.
LaborUnitsPercentComplete	The percent complete of units for all labor resources for the activity. Computed as actual labor units / at

Field	Description
	completion labor units * 100. Always in the range 0 to 100.
LaborUnitsVariance	The difference between project baseline labor units and at completion labor units. Calculated as BL labor units - at completion labor units.
LastUpdateDate	The date this activity was last updated.
LastUpdateUser	The name of the user that last updated this activity.
LateFinishDate	The latest possible date the activity must finish without delaying the project finish date. This date is computed by the project scheduler based on network logic, schedule constraints, and resource availability.
LateStartDate	The latest possible date the remaining work for the activity must begin without delaying the project finish date. This date is computed by the project scheduler based on network logic, schedule constraints, and resource availability.
LevelingPriority	The activity priority used to prioritize activities in a project when performing resource leveling. Valid values are 'Top', 'High', 'Normal', 'Low', and 'Lowest'.
LocationName	The name of the location assigned to the activity.
LocationObjectId	The unique ID of the location assigned to the activity.
MaterialCost1Variance	The primary Baseline Planned Material Cost minus the At Completion Material Cost.
MaterialCostPercentComplete	The percent complete of costs for all material resources assigned to the activity. Computed as actual nonlabor cost / at completion nonlabor cost * 100. Always in the range 0 to 100.
MaterialCostVariance	The project BaselinePlannedMaterialCost minus the AtCompletionMaterialCost.
MaximumDuration	The maximum duration of the activity.
MinimumDuration	The minimum duration of the activity.
MostLikelyDuration	The most likely duration of the activity.
Name	The name of the activity. The activity name does not have to be unique.
NonLaborCost1Variance	The difference between the primary baseline nonlaborcost and at completion nonlabor cost. Calculated as BL nonlabor cost - at completion nonlabor cost.

Field	Description
NonLaborCostPercentComplete	The percent complete of costs for all nonlabor resources assigned to the activity. Computed as actual nonlabor cost / at completion nonlabor cost * 100. Always in the range 0 to 100.
NonLaborCostVariance	The difference between the project baseline labor cost and at completion labor cost. Calculated as BL nonlabor cost - at completion nonlabor cost.
NonLaborUnits1Variance	The difference between the primary baseline nonlabor units and at completion nonlabor units. Calculated as BL nonlabor units - at completion nonlabor units.
NonLaborUnitsPercentComplete	The percent complete of units for all nonlabor resources for the activity. Computed as actual nonlabor units / at completion nonlabor units * 100. Always in the range 0 to 100.
NonLaborUnitsVariance	The difference between the project baseline labor units and at completion labor units. Calculated as BL nonlabor units - at completion nonlabor units.
NotesToResources	The notes from the project manager to the timesheet resources.
ObjectId	The unique ID generated by the system.
PercentComplete	The activity percent complete. This value is tied to the activity duration % complete, units % complete, or physical % complete, depending on the setting for the activity's percent complete type.
PercentCompleteType	The activity percent complete type: 'Physical', 'Duration', or 'Units'.
PerformancePercentComplete	The activity performance percent complete. The performance percent complete is used to compute earned value.
Phase	An activity code filed to track the phase of the Activity.
PhysicalPercentComplete	The physical percent complete, which can either be user entered or calculated from the activity's weighted steps.
PlannedDuration	The total working time from the activity planned start date to the planned finish date. The planned working time is computed using the activity's calendar.
PlannedExpenseCost	The planned costs for all project expenses associated with the activity. This field is named

Field	Description
	BudgetedExpenseCost in Primavera's Engineering and Construction and Maintenance and Turnaround solutions.
PlannedFinishDate	The date the activity is scheduled to finish. This date is computed by the project scheduler but can be updated manually by the project manager. This date is not changed by the project scheduler after the activity has been started.
PlannedLaborCost	The planned costs for all labor resources assigned to the activity. If no resources are assigned, computed as the activity planned labor units * project default price / time.
PlannedLaborUnits	The planned units for all labor resources assigned to the activity. This field is named BudgetedLaborUnits in Primavera's Engineering and Construction and Maintenance and Turnaround solutions.
PlannedMaterialCost	The sum of all material resource costs.
PlannedNonLaborCost	The planned costs for all nonlabor resources assigned to the activity. If no resources are assigned, computed as the activity planned nonlabor units * project default price / time.
PlannedNonLaborUnits	The planned units for all nonlabor resources assigned to the activity. This field is named BudgetedNonLaborUnits in Primavera's Engineering and Construction and Maintenance and Turnaround solutions.
PlannedStartDate	The date the activity is scheduled to begin. This date is computed by the project scheduler but can be updated manually by the project manager. This date is not changed by the project scheduler after the activity has been started.
PlannedTotalCost	The planned total cost for the activity, including labor resources, nonlabor resources, and project expenses. Planned total cost = planned labor cost + planned nonlabor cost + planned expense cost.
PlannedTotalUnits	The sum of Planned Labor Units and Planned Nonlabor Units. This field is named BudgetedTotalUnits in Primavera's Engineering and Construction and Maintenance and Turnaround solutions.
PlannedValueCost	The portion of the project baseline total cost of the



Field	Description
	activity that is scheduled to be completed as of the project data date. Computed as BAC * schedule % complete. Also known as the work scheduled to be performed for the activity.
PlannedValueLaborUnits	The portion of the project baseline labor units that is scheduled to be completed as of the project data date. Computed as BL labor units * schedule % complete.
PostResponsePessimisticFinish	The post-response pessimistic finish date for the activity.
PostResponsePessimisticStart	The post-response pessimistic start date for the activity.
PreResponsePessimisticFinish	The pre-response pessimistic finish date for the activity.
PreResponsePessimisticStart	The pre-response pessimistic start date for the activity.
PrimaryConstraintDate	The constraint date for the activity, if the activity has a constraint. The activity's constraint type determines whether this is a start date or finish date. Activity constraints are used by the project scheduler.
PrimaryConstraintType	The type of constraint applied to the activity start or finish date. Activity constraints are used by the project scheduler.
PrimaryResourceId	The name of the resource.
PrimaryResourceName	The name of the resource.
PrimaryResourceObjectId	The unique ID of the primary resource for the activity. The primary resource is responsible for the overall work on the activity and updates the activity status using Timesheets.
ProjectId	The short code of the associated project.
ProjectName	The name of the associated project.
ProjectObjectId	The unique ID of the associated project.
RemainingDuration	
RemainingEarlyFinishDate	The remaining late end date, which is calculated by the scheduler.
RemainingEarlyStartDate	The date the remaining work for the activity is scheduled to begin. This date is computed by the project scheduler but can be updated manually by

Field	Description
	the project manager.
RemainingExpenseCost	The remaining costs for all project expenses associated with the activity.
RemainingFloat	The amount of time remaining by which the activity can be delayed before delaying the project finish date. Computed as late finish - remaining finish.
RemainingLaborCost	The remaining costs for all labor resources assigned to the activity. If no resources are assigned, computed as the activity remaining labor units * project default price / time.
RemainingLaborUnits	The remaining units for all labor resources assigned to the activity. The remaining units reflects the work remaining to be done for the activity.
RemainingLateFinishDate	The remaining late finish date calculated by the scheduler.
RemainingLateStartDate	The remaining late start date calculated by the scheduler.
RemainingMaterialCost	The sum of all material resource remaining costs.
RemainingNonLaborCost	The remaining costs for all nonlabor resources assigned to the activity. If no resources are assigned, computed as the activity remaining nonlabor units * project default price / time.
RemainingNonLaborUnits	The remaining units for all nonlabor resources assigned to the activity. The remaining units reflects the work remaining to be done for the activity.
RemainingTotalCost	The remaining total cost for the activity, including labor resources, nonlabor resources, and project expenses. Remaining total cost = remaining labor costs + remaining nonlabor costs + remaining expense costs.
RemainingTotalUnits	The sum of Remaining Labor Units and Remaining Nonlabor Units.
ResumeDate	The date when a suspended task or resource dependent activity should be resumed. The resume date must be later than the suspend date and earlier than the actual finish date.
ReviewFinishDate	The finish date of the activity as proposed by the primary resource using Timesheets, while the activity is in "For Review" state. If the project manager approves the activity completion, the review finish is

Field	Description
	copied to the actual finish.
ReviewStatus	The activity review status. Valid values are 'OK', 'For Review', and 'Rejected'. Primary resources set the status to 'For Review' when they believe the activity is completed but are not allowed to mark activities as completed.
RolledupWBSObjectId	Rolled up WBS Object IDs after filtering either by levels or tagging.
SchedulePercentComplete	The activity schedule percent complete, which specifies how much of the activity's project baseline duration has been completed so far.
SchedulePerformanceIndex	The ratio of the earned value of work performed and the work scheduled to be performed. Computed as $SPI = \text{earned value} / \text{planned value}$ . A value less than 1 indicates that less work was actually performed than was scheduled.
SchedulePerformanceIndexLaborUnits	The ratio of the earned value of labor units and the planned value of labor units. Computed as $SPI \text{ labor units} = \text{earned value labor units} / \text{planned value labor units}$ .
ScheduleVariance	The difference between the earned value of work performed and the work scheduled to be performed. Computed as $SV = \text{earned value} - \text{planned value}$ . A negative value indicates that less work was actually performed than was scheduled.
ScheduleVarianceIndex	The ratio of the schedule variance and the work scheduled to be performed. Computed as $SVI = SV / \text{planned value}$ .
ScheduleVarianceIndexLaborUnits	The ratio of the schedule variance and the work scheduled to be performed. Computed as $SVI \text{ labor units} = SV \text{ labor units} / \text{planned value labor units}$ .
ScheduleVarianceLaborUnits	The difference between the earned value of work performed and the work scheduled to be performed. Computed as $SV \text{ labor units} = \text{earned value labor units} - \text{planned value labor units}$ .
SecondaryConstraintDate	The date to be used for the <code>cstr_type2</code> assignment, if the activity has a <code>cstr_type2</code> value. The activity's constraint type determines whether this is a start date or finish date. Activity constraints are used by the project scheduler.
SecondaryConstraintType	The additional constraint to be used by the

Field	Description
	scheduler.
StartDate	The start date of the activity. Set to the remaining start date until the activity is started, then set to the actual start date.
StartDate1Variance	The duration between the start date in the current project and the primary baseline start date. Calculated as start date - primary baseline start date.
StartDateVariance	The duration between the start date in the current project and the project baseline start date. Calculated as start date - project baseline start date.
Status	The current status of the activity, either 'Not Started', 'In Progress', or 'Completed'.
SuspendDate	The start date when the progress of a task or resource dependent activity is delayed from. The suspend date must be later than the actual start date, which the activity must have.
ToCompletePerformanceIndex	The TCPI, which is calculated as (budget at completion - earned value) / (estimate at completion - ACWP).
TotalActualCost	An Activity UDF to store Total Actual Cost for the Activity.
TotalCommitmentCost	An Activity UDF to store Total Commitment Cost for the Activity.
TotalCost1Variance	The difference between the primary baseline total cost and the at completion total cost. Calculated as BL total cost - at completion total cost.
TotalCostVariance	The difference between the project baseline total cost and the at completion total cost. Calculated as BL total cost - at completion total cost.
TotalFloat	The amount of time the activity can be delayed before delaying the project finish date. Total float can be computed as late start - early start or as late finish - early finish; this option can be set when running the project scheduler.
TotalPlannedCost	An Activity UDF to store Total Planned Cost for the activity.
Type	The type of activity, either 'Task Dependent', 'Resource Dependent', 'Level of Effort', 'Start Milestone', 'Finish Milestone', or 'WBS Summary'.

Field	Description
UnitsPercentComplete	The percent complete of units for all labor and nonlabor resources assigned to the activity. Computed as actual units / at completion units * 100. Always in the range 0 to 100.
WBSCode	The short code assigned to each WBS element for identification. Each WBS element is uniquely identified by concatenating its own code together with its parents' codes.
WBSName	The name of the WBS element.
WBSObjectID	The unique ID of the WBS for the activity.
WBSPath	The unique ID of the WBS for the activity.

### ActivityCode

**Description:** Activity codes are user-defined codes to classify and categorize activities according to the organization's and project's needs.

Field	Description
CodeTypeName	The name of the activity code type.
CodeTypeObjectID	The unique ID of the activity code type.
CodeTypeScope	The scope of the parent activity code type.
CodeValue	The value of the activity code.
Color	The Hex representation for the color
CreateDate	The date this activity code was created.
Description	The description of the activity code.
LastUpdateDate	The date this activity code was last updated.
LastUpdateUser	The name of the user that last updated this activity code.
ObjectID	The unique ID generated by the system.
ParentObjectID	The unique ID of the parent activity code.
ProjectObjectID	The unique project ID of the parent code type for this code if code type scope is 'Project' or 'EPS', null for code types with scope 'Global'.
SequenceNumber	The sequence number for sorting.

## ActivityCodeType

**Description:** Activity code types provide a way of classifying activity codes. Activity codes are user-defined codes to classify and categorize activities according to the organization's and project's needs.

Field	Description
CreateDate	The date this activity code type was created.
CreateUser	The name of the user that created this activity code type.
EPSObjectId	The unique ID of the EPS.
IsBaseline	The boolean value indicating if this business object is related to a project or baseline.
IsSecureCode	The flag indicating whether this is a secure activity code type.
IsTemplate	The boolean value indicating if this business object is related to a template project.
LastUpdateDate	The date this activity code type was last updated.
LastUpdateUser	The name of the user that last updated this activity code type.
Length	The maximum number of characters allowed for values of this activity code type.
Name	The name of the activity code type.
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the project.
Scope	The scope of the activity code type.
SequenceNumber	The sequence number for sorting.

## ActivityExpense

**Description:** Activity expenses in P6 EPPM are non-resource costs associated with a project and assigned to a project's activities. They are typically one-time expenditures for non-reusable items. When importing expenses into P6, you can add a cost account dynamically for the expense as long as the cost account fields are included in the Expense field mapping template.

Field	Description
AccrualType	The accrual type for the project expense. If the accrual type is 'Start of Activity', the entire expense costs are accrued at the start date of the activity.
ActivityId	The short ID that uniquely identifies the activity within the

Field	Description
	project.
ActivityName	The name of the activity. The activity name does not have to be unique.
ActivityObjectId	The unique ID of the activity to which the project expense is linked. Every project expense is associated with one activity in the project.
ActualCost	The actual cost for the project expense.
ActualUnits	The actual units for the project expense.
AtCompletionCost	The sum of the actual plus remaining costs for the project expense. Computed as actual cost + remaining cost.
AtCompletionUnits	The at completion units for the project expense.
AutoComputeActuals	The flag that identifies whether the actual and remaining costs for the expense are computed automatically using the planned cost and the activity's schedule percent complete.
CostAccountId	The ID of associated cost account.
CostAccountName	The name of the associated cost account.
CostAccountObjectId	The unique ID of the cost account associated with the project expense.
CreateDate	The date this expense was created.
CreateUser	The name of the user that created this expense.
DocumentNumber	The document number for the expense. Use this for the purchase order number, invoice number, requisition number, or similar, as needed.
ExpenseCategoryName	The name of the expense category.
ExpenseCategoryId	The unique ID of the expense category for the project expense.
ExpenseDescription	The description of the expense.
ExpenseItem	The name of the project expense.
ExpensePercentComplete	The percent complete of the project expense.
IsBaseline	The boolean value indicating if this business object is related to a Project or Baseline.
IsTemplate	The boolean value indicating if this business object is related to a template Project.
LastUpdateDate	The date this expense was last updated.

Field	Description
LastUpdateUser	The name of the user that last updated this expense.
ObjectId	The unique ID generated by the system.
OverBudget	The indicator that reflects whether the project expense is over budget. An expense is over budget when the actual cost + remaining cost exceeds the planned cost.
PlannedCost	The planned cost for the project expense. This field is named BudgetedCost in Primavera's Engineering and Construction and Maintenance and Turnaround solutions.
PlannedUnits	The planned number of units for the project expense. This number is multiplied by the price per unit to compute the planned cost.
PricePerUnit	The planned price per unit for the project expense. This number is multiplied by the planned number of units to compute the planned cost.
ProjectId	The short code that uniquely identifies the project.
ProjectObjectId	The unique ID of the associated project.
RemainingCost	The remaining cost for the project expense. Before actual expenses are made, remaining cost should be the same as planned cost.
RemainingUnits	The remaining units for the project expense.
UnitOfMeasure	The unit of measure for the project expense.
Vendor	The name of the vendor providing the product or service associated with the expense.
WBSObjectId	The unique ID of the WBS for the activity.

## ActivityRisk

**Description:** The activity risk object stores the relationship between a single activity and a single risk.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
RiskObjectId	The unique ID of the associated risk.



Field	Description
RiskId	The short name of the associated risk.
RiskName	The name of the associated risk.
ActivityObjectId	The unique ID of the associated activity.
ActivityId	The short name of the associated activity.
ActivityName	The name of the associated activity.

## BaselineType

**Description:** Baseline Type fields

Field	Description
SequenceNumber	Sequence Number for BaselineType.
ObjectId	The unique ID generated by the system.
Name	The name for BaselineType.
CreateDate	The create Date for currency.
LastUpdateDate	The Last Update Date for currency.
CreateUser	The name of the user that created this user-defined field.
LastUpdateUser	The name of the user that last updated this user-defined field.

## Calendar

**Description:** The Calendar business object is used to import calendars into P6 EPPM. Calendars define the available work hours in each calendar day, and includes global, resource, and project types. Global and resource calendars are supported during import. Existing resource calendars can be promoted to global or shared resource calendars. The following flows support calendar import into P6 EPPM:

- ▶ Import Master Data

**Note:** No mapping template is available for the Calendar object. However, to ensure it will be imported when selected in the Import Master Data flow, add an option for the Calendar object in the field mapping selection template.

- ▶ Import Project Data, only if the Calendar object exists in the import project xml file

### Support for Global Calendars

Providers must send the start time and end time for each day of the standard work week. All exception time must also be sent.

### Support for Resource Calendars

During import, resource calendars are processed as follows:

- ▶ All resource calendars are created using the default calendar's settings, including the standard work week. values. If the workweek values are not available, the default calendar workweek is used. If a default calendar workweek is not set, then the default global calendar will be used as the default calendar.
- ▶ The incoming resource calendar must be assigned to a resource or as a shared calendar. By default, all resource calendars are created as Shared, unless the isPersonal flag is set to True.
- ▶ If a resource has been assigned to a resource calendar, then the existing resource calendar will be updated by the incoming resource calendar using a cross-reference mapping.
- ▶ If a resource calendar does not have a resource assignment, then it must be created as a shared calendar. This enables you to convert the resource calendar in P6 to Personal without having to re-import.

See the following example of a resource calendar imported into P6.

Field	Description
BaseCalendarObjectld	The unique ID of the global calendar to which this calendar is linked. Any changes to the global calendar are automatically propagated to this calendar.
Name	The name of the calendar.
Objectld	The unique ID generated by the system.
Type	The calendar type - either 'Global', 'Resource', or 'Project'.
IsPersonal	The flag indicating if this calendar is a personal calendar (applies to resource calendars only).
IsDefault	The flag that identifies the default global calendar (applies to global calendars only).
StandardWorkWeek	Standard detailed work hours for each day of week.
HolidayOrExceptions	All dates with holidays or exceptions in this calendar. A child object that describes all the dates that the working hours are different from those in the standard work week.
ProjectObjectld	The unique ID of the project.
Projectld	The short name of the project.
CreateDate	The date this calendar was created.
CreateUser	The name of the user that created this calendar.

Field	Description
BaseCalendarObjectld	The unique ID of the global calendar to which this calendar is linked. Any changes to the global calendar are automatically propagated to this calendar.
LastUpdateDate	The date this calendar was last updated.
LastUpdateUser	The name of the user that last updated this calendar.



## Example of Importing a Global Calendar

The following is an example of modifying a global calendar imported into P6:

The existing imported workweek is:

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Start and Stop Time		8 to 5	8 to 5	8 to 5	8 to 5	8 to 5	

The subsequent import is:

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Start and Stop Time			9 to 3	9 to 3	9 to 3		

After import, the workweek is:

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Start and Stop Time			9 to 3	9 to 3	9 to 3		

The following changes have been made:

- ▶ The existing work time for Monday and Friday have been removed.
- ▶ In the source calendar, Exception time (Holiday) is April 24, 2013 and workday exception is April 27, 2013 (Saturday).
- ▶ The incoming updates made to the calendar are: Holiday is April 26, 2013 and Workday exception is April 28, 2013 (Sunday).

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**Note:** April 24, 2013 and April 26, 2013 are still exceptions as the exception list has been merged in the existing calendar.

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## CBS

**Description:** CBS business object.

Field	Description
ObjectId	The unique ID generated by the system.

Field	Description
ProjectObjectId	The unique id of the associated Project
ParentObjectId	The unique id of the parent CBS.
CBSCode	CBS Code associated with the Project
CBSDescription	CBS Code Description
CBSStatus	CBS Code Status. Valid values are "Active" and "InActive"

### CBSDurationSummary

**Description:** CBSDurationSummary business object.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique id of the associated project.
CBSObjectId	The unique id of the associated CBS.
OriginalProjectObjectId	The original object id of the associated Project.
ProjectId	The short name of the associated Project.
ProjectName	The name of the associated Project.
DataDate	Data date of the associated project.
BaselineType	Baseline type of the associated baseline.
SummaryPlannedStartDate	Summarized Planned Start Date of the project.
SummaryPlannedFinishDate	Summarized Planned Finish Date of the project.
SummaryActualStartDate	Summarized Actual Start Date of the project.
SummaryActualFinishDate	Summarized Actual Finish Date of the project.
SummaryRemainingStartDate	Summarized Remaining Start Date of the project.
SummaryRemainingFinishDate	Summarized Remaining Finish Date of the project.
SummaryPlannedDuration	Summarized Planned Duration the project.

Field	Description
SummaryRemainingDuration	Summarized Remaining Duration the project.
SummaryActualDuration	Summarized Actual Duration the project.
SummaryPercentComplete	Summarized Percent Complete the project

### CBSExpenseSpread

**Description:** Summarized spread data per CBS per expense category

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of Project.
CBSObjectId	The unique ID of CBS.
OriginalProjectObjectId	The original object id of the associated Project.
ProjectId	Project short name
ProjectName	Project name.
DateDate	Date date
BaselineType	Baseline Type
ExpenseCategoryName	Expense Category
StartDate	Start date.
EndDate	End date.
SummaryPlannedCost	Summarized Planned Cost.
SummaryPlannedUnits	Summarized Planned Units.
SummaryActualCost	Summarized Actual cost
SummaryActualUnits	Summarized Actual Units
SummaryAtCompletionCost	Summarized At completion cost
SummaryAtCompletionUnits	Summarized At Completion Units

Field	Description
SummaryRemainingCost	Summarized Remaining cost
SummaryRemainingUnits	Summarized Remaining Units
PlannedUnits	Planned Units
Actual Units	Actual Units
RemainingUnits	Remaining Units
AtCompletionUnits	At Completion Units
PlannedCost	Planned Cost
ActualCost	Actual Cost
RemainingCost	Remaining Cost
AtCompletionCost	At Completion Cost

### CBSResourceSpread

**Description:** Summarized spread data per CBS per resource assignment

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of Project.
CBSObjectId	The unique ID of CBS.
OriginalProjectObjectId	The original object id of the associated project.
ProjectId	Project short name.
ProjectName	Project name
DataDate	Data Date
BaselineType	Baseline Type
StartDate	Start Date
EndDate	End Date
SummaryPlannedStart	Summarized Planned Start date.
SummaryPlannedFinish	Summarized Planned finish date.
SummaryActualStart	Summarized Actual Start date.
SummaryActualFinish	Summarized Actual finish date.



Field	Description
SummaryRemainingStart	Summarized Remaining Start date.
SummaryRemainingFinish	Summarized Remaining finish date.
SummaryPlannedCost	Summarized Planned cost.
SummaryPlannedUnits	Summarized Planned Units
SummaryActualCost	Summarized Actual cost
SummaryActualUnits	Summarized Actual Units
SummaryAtCompletionCost	Summarized at completion cost
SummaryAtCompletionUnits	Summarized At Completion Units
SummaryRemainingCost	Summarized Remaining cost.
SummaryRemainingUnits	Summarized Remaining Units
ResourceId	Resource short name
ResourceName	Resource Name
ResourceType	Resource Type
UnitName	Unit Name
UnitAbbreviation	Unit Abbreviation
CurrencyId	Currency ID
CurrencyName	Currency Name
PlannedUnits	Planned Units
Actual Units	Actual Units
RemainingUnits	Remaining Units
AtCompletionUnits	At Completion Units
PlannedCost	Planned Cost
ActualCost	Actual Cost
RemainingCost	Remaining Cost
AtCompletionCost	At completion cost

## CostAccount

**Description:** Cost accounts contain the organization's cost account IDs. Available across all projects, they support tracking of costs and earned value based on the organization's cost account IDs. Cost accounts are hierarchical objects.

Field	Description
CreateDate	The date this cost account was created.
CreateUser	The name of the user that created this cost account.
Description	The description of the cost account.
Id	The short code that uniquely identifies this cost account.
LastUpdateDate	The date this cost account was last updated.
LastUpdateUser	The name of the user that last updated this cost account.
Name	The name of the cost account.
ObjectId	The unique ID generated by the system.
ParentObjectId	The unique ID of the parent cost account of this cost account in the hierarchy.
SequenceNumber	The sequence number for sorting.

## Currency

**Description:** Currencies are the monetary units used to store costs for all projects in the database. Monetary units are stored in the database with a base currency but can be viewed in other currencies using the exchange for each currency.

Field	Description
ObjectId	The unique ID generated by the system.
Symbol	The symbol for decimal.
DecimalSymbol	The symbol for decimal.
DigitGroupingSymbol	The symbol for Digit Groups.
PositiveSymbol	The symbol for positive currency.
NegativeSymbol	The symbol for negative currency.
Name	The Name of currency
Id	the ID for currency.
ExchangeRate	The exchange rate for the currency.
CreateDate	The create date for the currency.
LastUpdateDate	The Last Update Date for currency
CreateUser	The name of the user that created this user-defined field.

Field	Description
LastUpdateUser	The name of the user that last updated this user-defined field.

## EPS

**Description:** EPS (Enterprise Project Structure). To export an EPS hierarchy from P6, the EPS ID and EPS Name fields are required and must be included in the default EPS field mapping template.

Field	Description
ObjectId	The unique ID generated by the system.
ParentObjectId	The unique ID of the associated project.
Id	The short name of the EPS.
Name	The name of the EPS.
CreateDate	The date this EPS was created.
CreateUser	The name of the user that created this EPS.
LastUpdateDate	The date this EPS was last updated.
LastUpdateUser	The name of the user that last updated this EPS.
AnticipatedFinishDate	The anticipated finish date of the EPS.
AnticipatedStartDate	The anticipated start date of the EPS.
CurrentBudget	The sum of the original budget plus the approved and pending budgets from the budget change log.
CurrentVariance	The difference between the current budget and the total spending plan.
DistributedCurrentBudget	The current budget values from one level lower.
FinishDate	The finish date of the EPS.
GUID	The globally unique ID generated by the system.
IndependentETCLaborUnits	The user-entered ETC total labor.
IndependentETCTotalCost	The user-entered ETC total cost.
LastSummarizedDate	The date the project was last summarized.
LastUpdateDate	The date this EPS was last updated.
LastUpdateUser	The name of the user that last updated this EPS.
OBSName	The name of the person/role in the organization,

Field	Description
	sometimes referred to as the "responsible manager".
OBSObjectID	The unique ID of the project manager from the project's OBS tree who is responsible for the EPS.
OriginalBudget	The original budget for the project.
PlannedStartDate	The planned start date of the project. Used by the project scheduler.
ProjectObjectID	The internal Project ID of the EPS. This ID cannot be used to load a Project object directly.
ProposedBudget	The Proposed Budget, which is the sum of the original budget plus the approved and pending budgets from the budget change log.
SequenceNumber	The sequence number for sorting.
StartDate	The start date of the EPS.
SummaryAccountingVarianceByCost	The Planned Value minus the Actual Cost.
SummaryAccountingVarianceByLaborUnits	The Planned Value Labor Units minus the Actual Units.
SummaryActivityCount	The number of activities that are currently in progress.
SummaryActualDuration	The actual duration.
SummaryActualExpenseCost	The actual costs for all project expenses associated with the EPS.
SummaryActualFinishDate	The latest actual finish date of all activities in the EPS.
SummaryActualLaborCost	The actual cost for all labor resources assigned to the activity.
SummaryActualLaborUnits	The actual labor units.
SummaryActualMaterialCost	The actual units for all material resources assigned to the activity.
SummaryActualNonLaborCost	The actual cost for all nonlabor resources assigned to the activity.
SummaryActualNonLaborUnits	The actual nonlabor units.
SummaryActualStartDate	The earliest actual start date of all activities in the EPS.

Field	Description
SummaryActualThisPeriodCost	The actual this period cost (will be labor or nonlabor).
SummaryActualThisPeriodLaborCost	The actual this period labor cost.
SummaryActualThisPeriodLaborUnits	The actual this period labor units.
SummaryActualThisPeriodMaterialCost	The actual this period material cost.
SummaryActualThisPeriodNonLaborCost	The actual this period nonlabor cost.
SummaryActualThisPeriodNonLaborUnits	The actual this period nonlabor units.
SummaryActualTotalCost	The actual labor cost + actual nonlabor cost + actual expense cost as of the project data date.
SummaryActualValueByCost	The actual total cost incurred on the activity as of the project data date, computed as Actual Labor Cost + Actual Nonlabor Cost + Actual Material Cost + Actual Expense Cost.
SummaryActualValueByLaborUnits	The actual total labor units for the activity as of the project data date (i.e., actual total cost by labor units).
SummaryAtCompletionDuration	The duration at completion.
SummaryAtCompletionExpenseCost	The sum of the actual plus remaining cost for all project expenses associated with the cost account. Computed as Actual Expense Cost + Remaining Expense Cost.
SummaryAtCompletionLaborCost	The sum of the actual plus remaining costs for all labor resources assigned to the activity. Computed as actual labor cost + remaining labor cost. Same as the planned labor costs if the activity is not started and the actual labor costs once the activity is completed.
SummaryAtCompletionLaborUnits	The sum of the actual plus remaining units for all labor resources assigned to the activity. Computed as actual labor units + remaining labor units. Same as the planned labor units if the activity is not started and the actual labor units once the activity is completed.
SummaryAtCompletionMaterialCost	The material cost at completion. It is the sum of the actual plus remaining costs for all material resources assigned to the activity. Computed as

Field	Description
	actual material cost + remaining material cost. Same as the planned material costs if the activity is not started and the actual material costs once the activity is completed.
SummaryAtCompletionNonLaborCost	The nonlabor cost at completion. It is the sum of the actual plus remaining costs for all nonlabor resources assigned to the activity. Computed as actual nonlabor cost + remaining nonlabor cost. Same as the planned nonlabor costs if the activity is not started and the actual nonlabor costs once the activity is completed.
SummaryAtCompletionNonLaborUnits	The nonlabor units at completion. It is the sum of the actual plus remaining units for all nonlabor resources assigned to the activity. Computed as actual nonlabor units + remaining nonlabor units. Same as the planned nonlabor units if the activity is not started and the actual nonlabor units once the activity is completed.
SummaryAtCompletionTotalCost	The estimated cost at completion for the activity. Computed as the actual total cost plus the estimate-to-complete cost; $EAC = ACWP + ETC$ . Note that the method for computing ETC depends on the earned-value technique selected for the activity's WBS.
SummaryAtCompletionTotalCostVariance	The Baseline Planned Total Cost - At Completion Total Cost.
SummaryBaselineCompletedActivityCount	The number of completed activities in the baseline.
SummaryBaselineDuration	The planned duration for the activity in the primary baseline. Planned duration is the total working time from the activity current start date to the current finish date. Same as the actual duration plus the remaining duration. The total working time is computed using the activity's calendar.
SummaryBaselineExpenseCost	The planned cost for all project expenses associated with the activity in the primary baseline. Computed as the baseline actual expense cost plus the baseline remaining expense cost.
SummaryBaselineFinishDate	The current latest finish date of all activities in the EPS for the current baseline.

Field	Description
SummaryBaselineInProgressActivityCount	The number of activities that should be currently in progress, according to the primary baseline. Computed using the baseline start and finish dates and the current data date.
SummaryBaselineLaborCost	The planned cost for all labor resources assigned to the activity in the primary baseline. Computed from the baseline At Completion labor units. If no resources are assigned, computed as the activity Baseline Planned Labor Units * Project Default Price / Time.
SummaryBaselineLaborUnits	The planned units for all labor resources assigned to the activity in the primary baseline. Computed as the baseline actual labor units plus the baseline remaining labor units.
SummaryBaselineMaterialCost	The planned cost for all material resources assigned to the activity in the primary baseline. Computed from the baseline At Completion nonlabor units. If no resources are assigned.
SummaryBaselineNonLaborCost	The planned cost for all nonlabor resources assigned to the activity in the primary baseline. Computed from the baseline At Completion nonlabor units. If no resources are assigned, computed as the activity Baseline Planned Nonlabor Units * Project Default Price / Time.
SummaryBaselineNonLaborUnits	The planned units for all nonlabor resources assigned to the activity in the primary baseline. Computed as the baseline actual nonlabor units plus the baseline remaining nonlabor units.
SummaryBaselineNotStartedActivityCount	The number of activities not started in the baseline.
SummaryBaselineStartDate	The current earliest start date of all activities in the EPS for the current baseline.
SummaryBaselineTotalCost	The Planned Total Cost for the activity in the primary baseline, including labor resources, nonlabor resources, and project expenses. Baseline Planned Total Cost = Baseline Planned Labor Cost + Baseline Planned Nonlabor Cost + Baseline Planned Expense Cost.
SummaryBudgetAtCompletionByCost	The Planned Total Cost through activity completion. Computed as Planned Labor Cost + Planned Nonlabor Cost + Planned Expense

Field	Description
	Cost, same as the Planned Total Cost.
SummaryBudgetAtCompletionByLaborUnits	The Baseline Labor Units.
SummaryCompletedActivityCount	The number of activities that have an Actual Finish in the EPS.
SummaryCostPercentComplete	The percent complete of costs for the resource assignments in the EPS. Computed as Actual Units / At Complete Units * 100. Always in the range 0 to 100.
SummaryCostPercentOfPlanned	The activity actual cost percent of planned. Computed as actual total cost / baseline total cost * 100, or equivalently as ACWP / BAC * 100. The value can exceed 100. The baseline total cost is the activity's at completion cost from the current baseline. This field is named SummaryCostPercentOfBudget in Primavera's Engineering & Construction and Maintenance & Turnaround solutions.
SummaryCostPerformanceIndexByCost	The Earned Value divided by the Actual Cost. A value less than 1 indicates that the Actual Cost has exceeded the Planned Value.
SummaryCostPerformanceIndexByLaborUnits	The Earned Value Labor Units / Actual Labor Units.
SummaryCostVarianceByCost	The Earned Value minus the Actual Cost. A negative value indicates that the Actual Cost has exceeded the Planned Value.
SummaryCostVarianceByLaborUnits	The Earned Value Labor Cost minus Actual Value Labor Cost.
SummaryCostVarianceIndex	The value that is calculated as the Cost Variance divided by Earned Value.
SummaryCostVarianceIndexByCost	The Cost Variance divided by Earned Value.
SummaryCostVarianceIndexByLaborUnits	The Cost Variance Labor Units divided by Earned Value Labor Units.
SummaryDurationPercentComplete	The activity actual duration percent of planned. Computed as (baseline planned duration - remaining duration) / baseline planned duration * 100.
SummaryDurationPercentOfPlanned	The summary actual duration percent of planned of all activities under this EPS. Computed as actual duration / baseline duration * 100. The



Field	Description
	value can exceed 100. The Baseline duration is the activity's at complete duration from the current baseline.
SummaryDurationVariance	The duration between the activity's baseline duration and the at complete duration. Computed as baseline duration - at completion duration.
SummaryEarnedValueByCost	The Budget at Completion * Performance % Complete. The method for computing the Performance Percent Complete depends on the Earned Value technique selected for the activity's WBS. Budget at Completion is computed from the primary baseline.
SummaryEarnedValueByLaborUnits	The Schedule Variance Labor Units divided by the Planned Value Labor Units.
SummaryEstimateAtCompletionByCost	The Actual Cost plus the Estimate to Complete Cost. The method for computing Estimate to Complete depends on the Earned Value technique selected for the activity's WBS.
SummaryEstimateAtCompletionByLaborUnits	The Actual Labor Units + Estimate To Complete Labor Units. (Estimate To Complete Labor Units is calculated based off of the Earned Value setting on the EPS.)
SummaryEstimateAtCompletionHighPercentByLaborUnits	The high forecast of Estimate At Completion (EAC) by labor units.
SummaryEstimateAtCompletionLowPercentByLaborUnits	The low forecast of Estimate At Completion (EAC) by labor units.
SummaryEstimateToCompleteByCost	The Remaining Total Cost for the activity or the Performance Factor * (Budget at Completion - Earned Value), depending on the Earned Value technique selected for the activity's WBS (calculated from the primary baseline).
SummaryEstimateToCompleteByLaborUnits	The estimated quantity to complete the activity. Computed as either the remaining total units for the activity, or as Performance Factor * (Baseline Planned Labor Units - Planned Quantity of Work Performed), depending on the Earned Value Technique selected for the activity's WBS.
SummaryExpenseCostPercentComplete	The percent complete of cost for all expenses associated with the EPS. It is computed as Actual Expense Cost / At Complete Expense Cost * 100, and it is always in the range of 0 to

Field	Description
	100.
SummaryExpenseCostVariance	The Baseline Planned Expense Cost - At Completion Expense Cost (At Completion Expense Cost = Actual Expense Cost + Remaining Expense Cost).
SummaryFinishDateVariance	The duration between the finish date in the current project and the baseline finish date. Calculated as finish date - baseline finish date.
SummaryInProgressActivityCount	The number of activities that are currently in progress.
SummaryLaborCostPercentComplete	The percent complete of cost for all labor resources assigned to the EPS. It is computed as Actual Labor Cost / At Complete Labor Cost * 100, and it is always in the range of 0 to 100.
SummaryLaborCostVariance	The Baseline Planned Labor Cost - At Completion Labor Cost.
SummaryLaborUnitsPercentComplete	The percent complete of units for all labor resources for the EPS. Computed as actual labor units / at complete labor units * 100. Always in the range 0 to 100.
SummaryLaborUnitsVariance	The difference between baseline labor units and at completion labor units. Calculated as Baseline labor units - at completion labor units.
SummaryMaterialCostPercentComplete	The percent complete of cost for all material resources assigned to the EPS. It is computed as Actual Material Cost / At Complete Material Cost * 100, and it is always in the range of 0 to 100.
SummaryMaterialCostVariance	The variance that is calculated as Baseline Material Cost - At Completion Material Cost.
SummaryNonLaborCostPercentComplete	The percent complete of cost for all non-labor resources assigned to the EPS. It is computed as Actual Nonlabor Cost / At Complete Nonlabor Cost * 100, and it is always in the range of 0 to 100.
SummaryNonLaborCostVariance	The Baseline Planned Nonlabor Cost - At Completion Nonlabor Cost.
SummaryNonLaborUnitsPercentComplete	The percent complete of units for all nonlabor resources for the EPS. Computed as Actual Nonlabor Cost / At Completion Nonlabor Cost *

Field	Description
	100. Always in the range 0 to 100.
SummaryNonLaborUnitsVariance	The difference between baseline nonlabor units and at completion non labor units. Calculated as Baseline nonlabor units - at completion nonlabor units.
SummaryNotStartedActivityCount	The number of activities that are currently not started.
SummaryPerformancePercentCompleteByCost	The percent complete of performance for all labor resources, nonlabor resources, and expenses. Computed as Earned Value / Budget At Completion * 100. Always in the range 0 to 100.
SummaryPerformancePercentCompleteByLaborUnits	The percent complete of performance for all labor resources. Computed as earned value labor units / baseline labor units * 100. Always in the range 0 to 100.
SummaryPlannedCost	The sum of all planned expense, non labor, labor, and material costs in the EPS.
SummaryPlannedDuration	The total working days between planned start and finish dates in the EPS.
SummaryPlannedExpenseCost	The sum of all planned expense costs in the EPS.
SummaryPlannedFinishDate	The latest planned finish date of all activities in the EPS.
SummaryPlannedLaborCost	The sum of all planned labor costs in the EPS.
SummaryPlannedLaborUnits	The sum of all planned labor units in the EPS.
SummaryPlannedMaterialCost	The sum of all planned material costs in the EPS.
SummaryPlannedNonLaborCost	The sum of all planned non labor costs in the EPS.
SummaryPlannedNonLaborUnits	The sum of all planned non labor units in the EPS.
SummaryPlannedStartDate	The earliest planned start date of all activities in the EPS.
SummaryPlannedValueByCost	The Budget at Completion * Schedule % Complete. The Schedule % Complete specifies how much of the activity's baseline duration has been completed so far. Budget at Completion is

Field	Description
	computed from the primary baseline
SummaryPlannedValueByLaborUnits	The portion of the baseline labor units that is scheduled to be completed as of the project data date. Computed as Baseline Labor Units * Schedule % Complete. The Schedule % Complete specifies how much of the activity's baseline duration has been completed so far. The Baseline Labor Units is taken from the current baseline.
SummaryProgressFinishDate	The date the activity is expected to be finished according to the progress made on the activity's work products. The expected finish date is entered manually by people familiar with progress of the activity's work products.
SummaryRemainingDuration	The total working time from the EPS remaining start date to the remaining finish date.
SummaryRemainingExpenseCost	The remaining costs for all project expenses associated with the activities in the EPS.
SummaryRemainingFinishDate	The date the resource is scheduled to finish the remaining work for the activity. This date is computed by the project scheduler but can be updated manually by the project manager. Before the activity is started, the remaining finish date is the same as the planned finish date.
SummaryRemainingLaborCost	The remaining costs for all labor resources assigned to the activities. The remaining cost reflects the cost remaining for the EPS.
SummaryRemainingLaborUnits	The remaining units for all labor resources assigned to the activities. The remaining units reflects the work remaining to be done for the EPS.
SummaryRemainingMaterialCost	The remaining material costs for all project expenses associated with the activities in the EPS.
SummaryRemainingNonLaborCost	The remaining nonlabor costs for all project expenses associated with the activities in the EPS.
SummaryRemainingNonLaborUnits	The remaining units for all nonlabor resources assigned to the activities. The remaining units reflects the work remaining to be done for the EPS.

Field	Description
SummaryRemainingStartDate	The earliest remaining start of all activities assigned to the EPS.
SummaryRemainingTotalCost	The sum of all remaining total costs in the EPS.
SummarySchedulePercentComplete	The measure that indicates how much of the EPS baseline duration has been completed so far. Computed based on where the current data date falls between the activity's baseline start and finish dates. If the data date is earlier than the Baseline start, the schedule % complete is 0. If the data date is later than the Baseline finish, the schedule % complete is 100. The schedule % complete indicates how much of the EPS duration should be currently completed, relative to the selected baseline.
SummarySchedulePercentCompleteByLaborUnits	The percent complete of units for all labor resources. Computed as Actual Labor Units / At Completion Labor Units * 100. Always in the range 0 to 100.
SummarySchedulePerformanceIndexByCost	The Earned Value divided by the Planned Value. A value less than 1 indicates that less work was actually performed than was scheduled.
SummarySchedulePerformanceIndexByLaborUnits	The Earned Value Labor Units divided by Planned Value Labor Units.
SummaryScheduleVarianceByCost	The Earned Value divided by the Planned Value. A negative value indicates that less work was actually performed than was scheduled.
SummaryScheduleVarianceByLaborUnits	The Earned Value Labor Units minus the Planned Value Labor Units.
SummaryScheduleVarianceIndex	The value that is calculated as the Schedule Variance Labor Units divided by Planned Value Labor Units.
SummaryScheduleVarianceIndexByCost	The value that is calculated as the Schedule Variance Labor Units divided by Planned Value Labor Units.
SummaryScheduleVarianceIndexByLaborUnits	The Schedule Variance Labor Units divided by the Planned Value Labor Units.
SummaryStartDateVariance	The (Budget at Completion - Earned Value) divided by (Estimate at Completion - Actual Cost).
SummaryToCompletePerformanceIndex	The (Budget at Completion - Earned Value)

Field	Description
dexByCost	divided by (Estimate at Completion - Actual Cost).
SummaryTotalCostVariance	The value that is calculated as baseline total cost - total cost.
SummaryTotalFloat	The amount of time the EPS can be delayed before delaying the project finish date. Total float can be computed as late start - early start or as late finish - early finish; this option can be set when running the project scheduler.
SummaryUnitsPercentComplete	The percent complete of units for the resource assignments in the EPS. Computed as Actual Units / At Complete Units * 100. Always in the range 0 to 100.
SummaryVarianceAtCompletionByLaborUnits	The Baseline Planned Total Labor Units minus Estimate at Completion Labor Units.
TotalBenefitPlan	The sum of the monthly benefit plan.
TotalBenefitPlanTally	The sum of the monthly benefit plan tally.
TotalFunding	The total amount of funding contributed to the project by your funding sources.
TotalSpendingPlan	The sum of the monthly spending plan.
TotalSpendingPlanTally	The sum of the monthly spending plan tally.
UnallocatedBudget	The total current budget minus the distributed current budget.
UndistributedCurrentVariance	The total spending plan minus the total spending plan tally.

## ExpenseCategory

**Description:** Expense categories are used to categorize project expenses. They are used for standardizing expenses and for rolling up expenses across projects.

Field	Description
ObjectId	The unique ID generated by the system.
Name	The name of the expense category.
CreateDate	The date this expense category was created.
CreateUser	The name of the user that created this expense category.

Field	Description
LastUpdateDate	The date this expense category was last updated.
LastUpdateUser	The name of the user that last updated this expense category.
SequenceNumber	The sequence number for sorting.

## FinancialPeriod

**Description:** Financial periods are used to provide accurate display and reporting of actual units and costs. When importing financial periods to P6 ensure that the periods do not overlap or contain gaps. Otherwise errors display during import. Financial periods must be sequential, but do not have to be contiguous. To import a financial period to P6, the StartDate, EndDate, and the Name must be specified.

**Note:** Partial success is not supported for importing a financial period.

Field	Description
CreateDate	The date this financial period was created.
CreateUser	The name of the user that created this financial period.
EndDate	The end date of the financial period.
LastUpdateDate	The date this financial period was last updated.
LastUpdateUser	The name of the user that last updated this financial period.
Name	The name of the financial period.
ObjectId	The unique ID generated by the system.
StartDate	The start date of the financial period.

## Location

**Description:** The location is used to store address information including latitude and longitude. Locations can be assigned to resources, projects and/or activities.

Location codes from P6 can be exported to Prime or Sample providers using the Master Global Data flow. To export location codes, all fields must be included in the field mapping template.

Field	Description
AddressLine1	The first line of the address with street number and street name.
AddressLine2	The second line of the address with street number and street name.

Field	Description
City	The city name of the address.
Country	The country of the address.
CountryCode	The country code of the address.
CreateDate	The date this location was created.
CreateUser	The name of the user that created this location.
LastUpdateDate	The date this location was last updated.
LastUpdateUser	The name of the user that last updated this location.
Latitude	The latitude of the location.
Longitude	The longitude of the location.
Municipality	The municipality name of the address.
Name	The name of the location.
ObjectId	The unique ID generated by the system.
PostalCode	The postal code of the address.
State	The state name of the address.
StateCode	The state abbreviation of the address.

## NotebookTopic

**Description:** Notebook topics are used to categorize notes on EPS, project, WBS, and activity objects.

Field	Description
ObjectId	The unique ID of the NotebookTopic.
Name	The name of the NotebookTopic.
AvailableForActivity	The flag indicating that the topic will be available to assign to activities.
AvailableForWBS	The flag indicating that the topic will be available to assign to WBS.
AvailableForProject	The flag indicating that the topic will be available to assign to projects.
AvailableForEPS	The flag indicating that the topic will be available to assign to EPS.



## Project

**Description:** A project is a temporary endeavor undertaken to create a unique product, service, or result. Projects usually contain a work breakdown structure (WBS) and activities.

Field	Description
ObjectId	The unique ID generated by the system.
Name	The name of the project.
Status	The status of the project.
Id	The short id assigned to each project for identification.
PlannedStartDate	The planned start date of the project.
MustFinishByDate	The date by which all project activities must finish.
ParentEPSObjectId	The unique ID of the parent EPS of this project.
ActivityDefaultActivityType	Indicates the activityType of the activity.
ActivityDefaultCalendarObjectId	The unique ID of the Activity Default Calendar of this project.
ActivityDefaultCalendarName	The name of the Activity Default Calendar of this project.
ActivityDefaultCostAccountObjectId	The unique ID of the Activity Default Cost Account of this project.
ActivityDefaultDurationType	Indicates the activity default duration type of the activity.
ActivityDefaultPercentCompleteType	Indicates the activity default percent complete type of the activity.
ActivityDefaultPricePerUnit	The activity default price per unit for an activity.
ActivityIdBasedOnSelectedActivity	The boolean activity id based on selected activity indicator of the activity.
ActivityIdIncrement	The increment value of the activity ID.
ActivityIdPrefix	The prefix value of the activity ID.
ActivityIdSuffix	The suffix value of the activity ID.
ActivityPercentCompleteBasedOnActivitySteps	The boolean activity percent complete based on activity steps value of the project.
AddActualToRemaining	The boolean add actual to remaining value of the activity.

Field	Description
AddedBy	The addedBy value of the project.
AllowNegativeActualUnitsFlag	The boolean allow negative actual units flag value of the activity.
AnnualDiscountRate	The annual discount rate value of the project.
AnticipatedFinishDate	The anticipated finish date of the project.
AnticipatedStartDate	The anticipated start date of the project.
AssignmentDefaultDrivingFlag	The boolean assignment default driving flag value of the assignment.
AssignmentDefaultRateType	Indicates the default rate type of the assignment.
CheckOutDate	The check out date of the project.
CheckOutStatus	The boolean check out status flag value of the project.
CheckOutUserObjectId	The check out user objectId value.
ContainsSummaryData	The boolean contains summary data flag of the project.
ContractManagementGroupName	The contract management group name value of the project.
ContractManagementProjectName	The contract management project name value of the project.
CostQuantityRecalculateFlag	The boolean cost quantity recalculate flag of the project.
CreateDate	The created date of the project.
CreateUser	The user who created the project.
CriticalActivityFloatLimit	The critical activity float limit.
CriticalActivityPathType	Indicates Activity critical path type.
CurrentBaselineProjectObjectId	The current baseline project objectId of the project.
CurrentBudget	The current budget of the project.
CurrentVariance	The current variance of the project.
DataDate	The data date of the project.
DateAdded	The date added of the project.
DefaultPriceTimeUnits	Indicates default price time units of the activity.
Description	The description of the project.

Field	Description
DiscountApplicationPeriod	Indicates discount application period of the project.
DistributedCurrentBudget	The distributed current budget of the project.
EarnedValueComputeType	Indicates earned value compute type of the project.
EarnedValueETCComputeType	Indicates earned value ETC compute type of the project.
EarnedValueETCUserValue	The earned value ETC user value for project computing earned value.
EarnedValueUserPercent	The earned value user percent for project to compute earned value.
EnablePublication	The boolean enable publication flag of the project.
EnableSummarization	The boolean enable summarization flag of the project.
FinishDate	The date finish date of the project.
FiscalYearStartMonth	The fiscal year start month of the project.
ForecastFinishDate	The date forecast finish date of the project.
ForecastStartDate	The date forecast start date of the project.
GUID	The GUID of the project.
HasFutureBucketData	The boolean has future bucket data flag of the project.
IndependentETCLaborUnits	The independent ETC labor units of the project.
IndependentETCTotalCost	The independent ETC total cost of the project.
IntegratedType	The type of system integration, if any, in place at the organization.
IsTemplate	The boolean is template flag of the project.
LastApplyActualsDate	The last apply actuals date of the project.
LastFinancialPeriodObjectId	The last financial period objectId of the project.
LastLevelDate	The last leveling date of the project.
LastPublishedOn	The date last published on of the project.
LastScheduleDate	The last schedule date of the project.
LastSummarizedDate	The last summarized date of the project.
LastUpdateDate	The last update date of the project.

Field	Description
LastUpdateUser	The last update user of the project.
LevelingPriority	The leveling priority of the project.
LinkActualToActualThisPeriod	The boolean link actual to actual this period of the project.
LinkPercentCompleteWithActual	The boolean link percent complete with actual of the project.
LinkPlannedAndAtCompletionFlag	The boolean link planned and atCompletion flag of the project.
LocationName	The name of the location assigned to the project.
LocationObjectId	The unique ID of the location assigned to the project.
OBSName	The obs name of the project.
NetPresentValue	The net present value of the project.
OBSObjectId	The obs object id of the project.
OriginalBudget	The original budget of the project.
OverallProjectScore	The overall project score of the project.
OwnerResourceId	The short code that uniquely identifies the owner resource.
OwnerResourceObjectId	The owner resource objectID of the project.
ParentEPSId	The parent eps id of the project.
PaybackPeriod	The pay back period of the project.
PrimaryResourcesCanMarkActivitiesAsCompleted	The boolean primary resources can mark activities as completed flag of the project.
ProjectForecastStartDate	The forecast start date of the project.
ProposedBudget	The proposed budget of the project.
PublicationPriority	The publication priority of the project.
ResetPlannedToRemainingFlag	The boolean reset planned to remaining flag of the project.
ResourceCanBeAssignedToSameActivityMoreThanOnce	The boolean resource can be assigned to same activity more than once flag of the project.
ResourcesCanAssignThemselvesToActivities	The boolean resource can assign themselves to activities of the project.
ResourcesCanEditAssignmentPercentComplete	The boolean resource can edit assignment percent complete of the project.

Field	Description
ResourcesCanMarkAssignmentAsCompleted	The boolean resource can mark assignment as completed of the project.
ResourcesCanViewInactiveActivities	The boolean resource can view inactive activities of the project.
ReturnOnInvestment	The return on investment of the project.
RiskExposure	The proposed budget of the project.
RiskLevel	Indicates risk level of the project
RiskMatrixObjectId	The risk matrix objectId of the project.
RiskMatrixName	The name of the associated risk matrix.
RiskScore	The risk score of the project.
ScheduledFinishDate	The scheduled finish date of the project.
SourceProjectObjectId	The source project objectId of the project.
StartDate	The start date of the project.
StrategicPriority	The strategic priority of the project.
SummarizeToWBSLevel	The summarize to wbs level of the project.
SummarizedDataDate	The summarized data date of the project.
SummaryAccountingVarianceByCost	The summary accounting variance by cost of the project.
SummaryAccountingVarianceByLaborUnits	The summary accounting variance by labor units of the project.
SummaryActivityCount	The summary activity count of the project.
SummaryActualDuration	The summary actual duration of the project.
SummaryActualExpenseCost	The summary actual expense cost of the project.
SummaryActualFinishDate	The summary actual finish date of the project.
SummaryActualLaborCost	The summary actual labor cost of the project.
SummaryActualLaborUnits	The summary actual labor units of the project.
SummaryActualMaterialCost	The summary actual material cost of the project.
SummaryActualNonLaborCost	The summary actual nonlabor cost of the project.
SummaryActualNonLaborUnits	The summary actual nonlabor units of the project.
SummaryActualStartDate	The summary actual start date of the project.
SummaryActualThisPeriodCost	The summary actual this period cost of the project.

Field	Description
SummaryActualThisPeriodLaborCost	The summary actual this period labor cost of the project.
SummaryActualThisPeriodLaborUnits	The summary actual this period labor unit of the project.
SummaryActualThisPeriodMaterialCost	The summary actual this period material cost of the project.
SummaryActualThisPeriodNonLaborCost	The summary actual this period nonlabor cost of the project.
SummaryActualThisPeriodNonLaborUnits	The summary actual this period nonlabor unit of the project.
SummaryActualTotalCost	The summary actual total cost of the project.
SummaryActualValueByCost	The summary actual value by cost of the project.
SummaryActualValueByLaborUnits	The summary actual value by labor units of the project.
SummaryAtCompletionDuration	The summary at completion duration of the project.
SummaryAtCompletionExpenseCost	The summary at completion expense cost of the project.
SummaryAtCompletionLaborCost	The summary at completion labor cost of the project.
SummaryAtCompletionLaborUnits	The summary at completion labor units of the project.
SummaryAtCompletionMaterialCost	The summary at completion material cost of the project.
SummaryAtCompletionNonLaborCost	The summary at completion nonlabor cost of the project.
SummaryAtCompletionNonLaborUnits	The summary at completion nonlabor units of the project.
SummaryAtCompletionTotalCost	The summary at completion total cost of the project.
SummaryAtCompletionTotalCostVariance	The summary at completion total cost variance of the project.
SummaryBaselineCompletedActivityCount	The summary baseline completed activity count of the project.
SummaryBaselineDuration	The summary baseline duration of the project.
SummaryBaselineExpenseCost	The summary baseline expense cost of the

Field	Description
	project.
SummaryBaselineFinishDate	The summary baseline finish date of the project.
SummaryBaselineInProgressActivityCount	The summary baseline in progress activity count of the project.
SummaryBaselineLaborCost	The summary baseline labor cost of the project.
SummaryBaselineLaborUnits	The summary baseline labor units of the project.
SummaryBaselineMaterialCost	The summary baseline material cost of the project.
SummaryBaselineNonLaborCost	The summary baseline nonlabor cost of the project.
SummaryBaselineNonLaborUnits	The summary baseline nonlabor Units of the project.
SummaryBaselineNotStartedActivityCount	The summary baseline not start activity count of the project.
SummaryBaselineStartDate	The summary baseline start date of the project.
SummaryBaselineTotalCost	The summary baseline total cost of the project.
SummaryBudgetAtCompletionByCost	The summary budget at completion by cost of the project.
SummaryBudgetAtCompletionByLaborUnits	The summary budget at completion by labor units of the project.
SummaryCompletedActivityCount	The summary completed activity count of the project.
SummaryCostPercentComplete	The summary cost percent complete of the project.
SummaryCostPercentOfPlanned	The summary cost percent of planned of the project.
SummaryCostPerformanceIndexByCost	The summary cost performance index by cost of the project.
SummaryCostPerformanceIndexByLaborUnits	The summary cost performance index by labor units of the project.
SummaryCostVarianceByCost	The summary cost variance by cost of the project.
SummaryCostVarianceByLaborUnits	The summary cost variance by labor units of the project.
SummaryCostVarianceIndex	The summary cost variance index of the project.
SummaryCostVarianceIndexByCost	The summary cost variance index by cost of the

Field	Description
	project.
SummaryCostVarianceIndexByLaborUnits	The summary cost variance index by labor unit of the project.
SummaryDurationPercentComplete	The summary duration percent complete of the project.
SummaryDurationPercentOfPlanned	The summary duration percent of planned of the project.
SummaryDurationVariance	The summary duration variance of the project.
SummaryEarnedValueByCost	The summary earned value by cost of the project.
SummaryEarnedValueByLaborUnits	The summary earned value by labor units of the project.
SummaryEstimateAtCompletionByCost	The summary estimate at completion by cost of the project.
SummaryEstimateAtCompletionByLaborUnits	The summary estimate at completion by labor units of the project.
SummaryEstimateAtCompletionHighPercentByLaborUnits	The summary estimate at completion high percent by labor units of the project.
SummaryEstimateAtCompletionLowPercentByLaborUnits	The summary estimate at completion low percent by labor units of the project.
SummaryEstimateToCompleteByCost	The summary estimate to completion by cost of the project.
SummaryEstimateToCompleteByLaborUnits	The summary estimate to completion by labor units of the project.
SummaryExpenseCostPercentComplete	The summary expense cost percent complete of the project.
SummaryExpenseCostVariance	The summary expense cost variance of the project.
SummaryFinishDateVariance	The summary finish date variance of the project.
SummaryInProgressActivityCount	The summary in progress activity count of the project.
SummaryLaborCostPercentComplete	The summary labor cost percent complete of the project.
SummaryLaborCostVariance	The summary labor cost variance of the project.
SummaryLaborUnitsPercentComplete	The summary labor units percent complete of the project.
SummaryLaborUnitsVariance	The summary labor units variance of the project.



Field	Description
SummaryLevel	Indicates summary level of the project
SummaryMaterialCostPercentComplete	The summary material cost percent complete of the project.
SummaryMaterialCostVariance	The summary material cost variance of the project.
SummaryNonLaborCostPercentComplete	The summary nonlabor cost percent complete of the project.
SummaryNonLaborCostVariance	The summary nonlabor cost variance of the project.
SummaryNonLaborUnitsPercentComplete	The summary nonlabor units percent complete of the project.
SummaryNonLaborUnitsVariance	The summary nonlabor units variance of the project.
SummaryNotStartedActivityCount	The summary non started activity count of the project.
SummaryPerformancePercentCompleteByCost	The summary performance percent complete by cost of the project.
SummaryPerformancePercentCompleteByLaborUnits	The summary performance percent complete by labor units of the project.
SummaryPlannedCost	The summary planned cost of the project.
SummaryPlannedDuration	The summary planned duration of the project.
SummaryPlannedExpenseCost	The summary planned expense cost of the project.
SummaryPlannedFinishDate	The summary planned finish date of the project.
SummaryPlannedLaborCost	The summary planned labor cost of the project.
SummaryPlannedLaborUnits	The summary planned labor units of the project.
SummaryPlannedMaterialCost	The summary planned material cost of the project.
SummaryPlannedNonLaborCost	The summary planned non labor cost of the project.
SummaryPlannedNonLaborUnits	The summary planned non labor units of the project.
SummaryPlannedStartDate	The summary planned start date of the project.
SummaryPlannedValueByCost	The summary planned value by cost of the project.
SummaryPlannedValueByLaborUnit	The summary planned value by labor units of the

Field	Description
ts	project.
SummaryProgressFinishDate	The summary progress finish date of the project.
SummaryRemainingDuration	The summary remaining duration of the project.
SummaryRemainingExpenseCost	The summary remaining expense cost of the project.
SummaryRemainingFinishDate	The summary remaining finish date of the project.
SummaryRemainingLaborCost	The summary remaining labor cost of the project.
SummaryRemainingLaborUnits	The summary remaining labor units of the project.
SummaryRemainingMaterialCost	The summary remaining material cost of the project.
SummaryRemainingNonLaborCost	The summary remaining non labor cost of the project.
SummaryRemainingNonLaborUnits	The summary remaining non labor units of the project.
SummaryRemainingStartDate	The summary remaining start date of the project.
SummaryRemainingTotalCost	The summary remaining total cost of the project.
SummarySchedulePercentComplete	The summary schedule percent complete of the project.
SummarySchedulePercentCompleteByLaborUnits	The summary schedule percent complete by labor units of the project.
SummarySchedulePerformanceIndexByCost	The summary schedule performance index by cost of the project.
SummarySchedulePerformanceIndexByLaborUnits	The summary schedule performance index by labor units of the project.
SummaryScheduleVarianceByCost	The summary schedule variance by cost of the project.
SummaryScheduleVarianceByLaborUnits	The summary schedule variance by labor units of the project.
SummaryScheduleVarianceIndex	The summary schedule variance index of the project.
SummaryScheduleVarianceIndexByCost	The summary schedule variance index by cost of the project.
SummaryScheduleVarianceIndexByLaborUnits	The summary schedule variance index by labor units of the project.
SummaryStartDateVariance	The summary start date variance of the project.

Field	Description
SummaryToCompletePerformanceIndexByCost	The summary to complete performance index by cost of the project.
SummaryTotalCostVariance	The summary total cost variance of the project.
SummaryTotalFloat	The summary total float of the project.
SummaryUnitsPercentComplete	The summary units percent complete of the project.
SummaryVarianceAtCompletionByLaborUnits	The summary variance at completion by labor units of the project.
TotalBenefitPlan	The total benefit plan of the project.
TotalBenefitPlanTally	The total benefit plan tally of the project.
TotalFunding	The total funding of the project.
TotalSpendingPlan	The total spending plan of the project.
TotalSpendingPlanTally	The total spending plan tally of the project.
UnallocatedBudget	The unallocated budget of the project.
UndistributedCurrentVariance	The undistributed current variance of the project.
UseProjectBaselineForEarnedValue	The boolean use project baseline for earned value of the project.
WBSCodeSeparator	The string wbs code separator of the project.
WBSMilestonePercentComplete	The wbs milestone percent complete of the project.
WBSObjectId	The unique ID of the associated WBS.
WebSiteRootDirectory	The string web site root directory of the project.
WebSiteURL	The string web site URL of the project.

## ProjectCode

**Description:** Project codes are user-defined codes to classify and categorize projects across the enterprise.

Project codes from P6 can be exported to Prime or Sample providers using the Master Global Data flow. To export project codes, the following fields are required and must be specified: ID, Name, Code Length, Sequence, Secure Code Indicator, Code values and hierarchy of those values.

Field	Description
CodeTypeName	The name of the project code type.
CodeTypeObjectId	The unique ID of the project code type.
CodeValue	The value of the project code.
CreateDate	The date this project code was created.
CreateUser	The name of the user that created this project code.
Description	The description of the project code.
LastUpdateDate	The date this project code was last updated.
LastUpdateUser	The name of the user that last updated this project code.
ObjectId	The unique ID generated by the system.
ParentObjectId	The unique ID of the parent project code.
SequenceNumber	The sequence number for sorting.
Weight	The weight for this project code.

## ProjectCodeType

**Description:** Project code types provide a way of classifying project codes. Project codes are user-defined codes to classify and categorize projects across the enterprise.

Field	Description
CreateDate	The date this project code type was created.
CreateUser	The name of the user that created this project code type.
IsSecureCode	The flag indicating whether this is a secure project code type.
LastUpdateDate	The date this project code type was last updated.
LastUpdateUser	The name of the user that last updated this project code type.
Length	The maximum number of characters allowed for values of this project code.
MaxCodeValueWeight	The maximum weight of the code values for this project code type.
Name	The name of the project code type.
ObjectId	The unique ID generated by the system.

Field	Description
SequenceNumber	The sequence number for sorting.
Weight	The weight for this project code type.

## ProjectResource

**Description:** Primavera's resource planning feature allows you to do high-level project planning for future project or project that does not require resource assignments at the activity level.

Field	Description
CommittedFlag	The Boolean value that determines whether a resource is committed, and so, the resource assignment is stable and unlikely to change. When calculating availability, Primavera considers only assignments that are marked as committed.
CreateDate	The date this project resource was created.
CreateUser	The name of the user that created this project resource.
FinishDate	The finish date of the assignment. By default, it is set to the Planned Start date of the project + 1 day, finishing at 5:00pm.
IsBaseline	The boolean value indicating if this business object is related to a Project or Baseline.
IsTemplate	The boolean value indicating if this business object is related to a template Project.
LastUpdateDate	The date this project resource was last updated.
LastUpdateUser	The name of the user that last updated this project resource.
LifeOfProjectFlag	The Boolean value that determines whether a resource that is assigned to a project at Project or WBS level, has that assignment for the duration of the project.
ObjectId	The unique ID generated by the system.
ProjectId	The short code that uniquely identifies the associated project.
ProjectObjectId	The unique ID of the associated project.

Field	Description
ProjectResourceCategoryName	The name of the associated project resource category.
ProjectResourceCategoryObjectId	The unique ID of the associated project resource category.
ResourceName	The name of the associated resource.
ResourceObjectId	The unique ID of the associated resource.
RoleName	The name of the associated role.
RoleObjectId	The unique ID of the associated role.
StartDate	The start date of the assignment. By default, it is set to the Planned Start date of the project. If LifeOfProjectFlag is set to true, this date is set to the Project Planned Start date..
Status	The project or WBS status: 'Planned', 'Active', 'Inactive', 'What-If', or 'Requested'.
WBSCode	The short code assigned to the associated WBS element for identification.
WBSObjectId	The unique ID of the associated WBS.

## Relationship

**Description:** A relationship defines how an activity relates to the start or finish of another activity or assignment. These relationships, which form the logic of the project network, are used together with activity durations to determine schedule dates.

Field	Description
CreateDate	The date this relationship was created.
CreateUser	The name of the user that created this relationship.
IsPredecessorBaseline	The boolean value indicating if the predecessor activity is related to a Project or Baseline.
IsPredecessorTemplate	The boolean value indicating if this business object is related to a template project.
IsSuccessorTemplate	The boolean value indicating if this business object is related to a template project.

Field	Description
Lag	The time lag of the relationship. This is the time lag between the predecessor activity's start or finish date and the successor activity's start or finish date, depending on the relationship type.
LastUpdateDate	The date this resource code was last updated.
LastUpdateUser	The name of the user that last updated this resource code.
ObjectId	The unique ID generated by the system.
PredecessorActivityId	The unique ID of the predecessor activity.
PredecessorActivityName	The name of the predecessor activity.
PredecessorActivityObjectId	The unique ID of the predecessor activity.
PredecessorActivityType	The type of the predecessor activity, either 'Task Dependent', 'Resource Dependent', 'Level of Effort', or 'Milestone'.
PredecessorProjectId	The unique ID of the project that owns the predecessor activity.
PredecessorProjectObjectId	The unique ID of the project that owns the predecessor activity.
SuccessorActivityId	The unique ID of the successor activity.
SuccessorActivityName	The name of the successor activity.
SuccessorActivityObjectId	The unique ID of the successor activity.
SuccessorActivityType	The type of the successor activity, either 'Task Dependent', 'Resource Dependent', 'Level of Effort', 'Start Milestone', 'Finish Milestone', or 'WBS Summary'.
SuccessorProjectId	The unique ID of the project that owns the successor activity.
SuccessorProjectObjectId	The unique ID of the project that owns the successor activity.
Type	The type of relationship: 'Finish to Start', 'Finish to Finish', 'Start to Start', or 'Start to Finish'.

## Resource

**Description:** Resources include labor, nonlabor, and materials that are used for activities across all projects.

Field	Description
AutoComputeActuals	The option that determines whether the activity actual and remaining units, and start and finish dates for the resource are calculated automatically using the planned dates, planned units, and the activity's schedule percent complete.
CalculateCostFromUnits	The option that determines whether any new assignments for this resource will have its costs recalculated whenever any quantity changes occur.
CalendarName	The name of the calendar that is assigned to the resource.
CalendarObjectId	The unique ID of the calendar assigned to the resource.
CreateDate	The date this resource was created.
CreateUser	The name of the user that created this resource.
CurrencyId	The unique currency abbreviation for the currency associated with this resource.
CurrencyName	The name of the currency associated with this resource.
CurrencyObjectId	The unique ID of the currency associated with this resource.
DefaultUnitsPerTime	The default units/time setting, which determines the value of the remaining units/time and planned units/time when a resource assignment is added.
EffectiveDate	The earliest day when the resource becomes over allocated. This date is calculated during the summarization.
EmailAddress	The e-mail address for the resource.
EmployeeId	The resource identifier within the organization, typically the employee number or social security number.
GUID	The globally unique ID generated by the system.
Id	The short code that uniquely identifies the resource.



Field	Description
IntegratedType	The indicator that determines whether the resource is integrated with an Enterprise Resource Planning (ERP) system. 'Fusion' indicates the resource is integrated with Oracle Fusion. 'ERP' indicates the resource is integrated with another ERP system.
IsActive	The option that determines whether the resource is currently active. Non-active resources may be resources that have left the organization but not deleted from the system since they may have actual hours.
IsOverTimeAllowed	The option that determines whether the resource is allowed to log overtime hours.
LastUpdateDate	The date this resource was last updated.
LastUpdateUser	The name of the user that last updated this resource.
LocationName	The name of the location assigned to the resource.
LocationObjectId	The unique ID of the location assigned to the resource.
MaxUnitsPerTime	The maximum work units per time this resource can perform on all their assigned activities.
Name	The name of the resource.
ObjectId	The unique ID generated by the system.
OfficePhone	The office phone number for the resource.
OtherPhone	The other phone numbers for the resource - pager, home phone, cell phone, etc.
OvertimeFactor	The overtime factor used to compute the overtime price for the resource.
ParentObjectId	The unique ID of the parent resource of this resource in the hierarchy.
PricePerUnit	The planned price per unit for the project expense. This number is multiplied by the planned number of units to compute the planned cost.

Field	Description
PrimaryRoleId	The short code that uniquely identifies the primary role for this resource.
PrimaryRoleName	The name of the primary role for this resource.
PrimaryRoleObjectId	The unique ID of the role that is assigned as the resource's primary role.
ResourceNotes	The notes about the resource.
ResourceType	The resource type: Labor resource performs labor and is measured in units of time, Nonlabor resource does not perform labor and is measured in units of time, Material resource has a unit of measure other than time.
SequenceNumber	The sequence number for sorting.
ShiftObjectId	The unique ID of the shift associated with the resource.
TimesheetApprovalManager	The resource manager assigned to approve timesheets for the resource.
TimesheetApprovalManagerObjectId	The unique ID of the resource manager assigned to approve timesheets for the resource.
Title	The title of the resource.
UnitOfMeasureAbbreviation	The unique ID of the unit of measure this material resource uses.
UseTimesheets	The option that determines whether the resource uses timesheets.
UserName	The user's login name.
UserObjectId	The unique ID of the associated user.

## ResourceAssignment

**Description:** Resource assignments track the work of resources or roles that are performing various activities.

Field	Description
ActivityId	The short ID that uniquely identifies the activity

Field	Description
	within the project.
ActivityName	The name of the activity. The activity name does not have to be unique.
ActivityObjectId	The unique ID of the activity to which the resource is assigned.
ActualCost	The actual non-overtime plus overtime cost for the resource assignment on the activity. Computed as actual cost = actual regular cost + actual overtime cost.
ActualDuration	The actual duration for the resource assignment on the activity.
ActualFinishDate	The date the resource actually finished working on the activity.
ActualOvertimeCost	The actual overtime cost for the resource assignment on the activity. Computed as actual overtime cost = actual overtime units * cost per time * overtime factor.
ActualOvertimeUnits	The actual overtime units worked by the resource on this activity. This value is computed from timesheets when project actuals are applied or may be entered directly by the project manager.
ActualRegularCost	The actual non-overtime cost for the resource assignment on the activity. Computed as actual regular cost = actual regular units * cost per time.
ActualRegularUnits	The actual non-overtime units worked by the resource on this activity. This value is computed from timesheets when project actuals are applied or may be entered directly by the project manager.
ActualStartDate	The date the resource actually started working on the activity.
ActualThisPeriodCost	The actual this period cost (will be labor or nonlabor).
ActualThisPeriodUnits	The actual this period units (hours) (will be labor or nonlabor).
ActualUnits	The actual non-overtime plus overtime units worked by the resource on this activity. This value is computed from timesheets when

Field	Description
	project actuals are applied or may be entered directly by the project manager.
AtCompletionCost	The sum of the actual plus remaining costs for the resource assignment on the activity.
AtCompletionDuration	The total working time from the activity's current start date to the current finish date.
AtCompletionUnits	The sum of the actual plus remaining units for the resource assignment on the activity.
AutoComputeActuals	The option that determines whether the activity's actual and remaining units, start date, finish date, and percent complete are computed automatically using the planned dates, planned units and the schedule percent complete.
CalendarName	The name of the calendar.
CalendarObjectId	The unique ID generated by the system for the calendar associated with the resource assignment.
CostAccountId	The id of associated cost account.
CostAccountName	The name of the associated cost account.
CostAccountObjectId	The unique ID of the cost account associated with this resource assignment.
CreateDate	The date this assignment was created.
CreateUser	The name of the user that created this assignment.
DrivingActivityDatesFlag	The flag indicating whether new resource/role assignments drive activity dates, by default.
FinishDate	The finish date of the resource assignment on the activity. Set to the remaining finish date until the activity is completed, then set to the actual finish date.
GUID	The globally unique ID generated by the system.
HasFutureBucketData	The flag that indicates whether the assignment has future bucket data.
IsActive	The option that determines whether the resource is currently active. Non-active resources may be resources that have left the

Field	Description
	organization but not deleted from the system since they may have actual hours.
IsBaseline	The flag that indicates whether this resource assignment is active.
IsCostUnitsLinked	The flag that determines whether or not cost should be calculated based on units.
IsOvertimeAllowed	The flag that indicates whether the resource is allowed to log overtime hours.
IsPrimaryResource	The flag that indicates whether this resource is the activity's primary resource.
IsTemplate	The boolean value indicating if this business object is related to a template Project.
LastUpdateDate	The date this assignment was last updated.
LastUpdateUser	The name of the user that last updated this assignment.
ObjectId	The unique ID generated by the system.
OvertimeFactor	The overtime factor used to compute the overtime price for the resource assignment on this activity. Overtime price = standard price * overtime factor.
PendingActualOvertimeUnits	The actual overtime units worked by the resource on this activity.
PendingActualRegularUnits	The actual nonovertime units worked by the resource on this activity.
PendingPercentComplete	The estimate of the percentage of the resource's units of work completed on this activity. The pending percent complete is entered by each resource using Timesheets.
PendingRemainingUnits	The estimate of the resource's remaining units on this activity. The pending remaining units is entered by each resource using Timesheets.
PlannedCost	The planned cost for the resource assignment on the activity. Computed as planned cost = planned units * price per time.
PlannedDuration	The planned working time for the resource assignment on the activity, from the resource's planned start date to the planned finish date.
PlannedFinishDate	The date the resource is scheduled to finish

Field	Description
	working on the activity. This date is computed by the project scheduler but can be updated manually by the project manager.
PlannedLag	The planned time lag between the activity's planned start date and the resource's planned start date on the activity. If the resource is planned to start work when the activity is planned to start, the planned lag is zero.
PlannedStartDate	The date the resource is scheduled to begin working on the activity. This date is computed by the project scheduler but can be updated manually by the project manager.
PlannedUnits	The planned units of work for the resource assignment on the activity. This field is named BudgetedUnits in Primavera's Engineering and Construction and Maintenance and Turnaround solutions.
PlannedUnitsPerTime	The planned units per time at which the resource is to perform work on this activity.
PricePerUnit	The price per time for the resource on this activity. This price is used to compute the resource's cost for the activity.
PriorActualOvertimeUnits	The difference between the pending quantity value and the actual quantity value for overtime before applying the new actual value.
PriorActualRegularUnits	The difference between the pending quantity value and the actual quantity value before applying the new actual value.
Proficiency	The skill level that is associated with the role. The values are 'Master', 'Expert', 'Skilled', 'Proficient', and 'Inexperienced'.
ProjectId	The short code that uniquely identifies the project.
ProjectObjectId	The unique ID of the associated project.
RateSource	The value that indicates which price/unit will be used to calculate costs for the assignment, such as 'Resource', 'Role', and 'Override'.
RateType	The rate type that determines which of the five prices specified for the resource will be used to calculate the cost for the resource assignment.

Field	Description
RemainingCost	The remaining cost for the resource assignment on the activity. Computed as remaining cost = remaining units * cost per time.
RemainingDuration	The remaining duration of the resource assignment. The remaining duration is the remaining working time for the resource assignment on the activity, from the resource's remaining start date to the remaining finish date.
RemainingFinishDate	The date the resource is scheduled to finish the remaining work for the activity. This date is computed by the project scheduler but can be updated manually by the project manager.
RemainingLag	The time lag between the activity's remaining start date and the resource's remaining start date on the activity.
RemainingLateFinishDate	The remaining late finish date calculated by the scheduler.
RemainingLateStartDate	The remaining late start date calculated by the scheduler.
RemainingStartDate	The date the resource is scheduled to begin the remaining work for the activity. This date is computed by the project scheduler but can be updated manually by the project manager.
RemainingUnits	The remaining units of work to be performed by this resource on this activity. Before the activity is started, the remaining units are the same as the planned units. After the activity is completed, the remaining units are zero.
RemainingUnitsPerTime	The units per time at which the resource will be performing work on the remaining portion of this activity.
ResourceCalendarName	The name of the calendar for the resource.
ResourceCurveName	The name of the resource curve that determines how resources and costs are distributed over time for this activity.
ResourceCurveObjectId	The unique ID of the resource curve.
ResourceId	The short code that uniquely identifies the resource.

Field	Description
ResourceName	The name of the resource.
ResourceObjectId	The unique ID of the associated resource.
ResourceType	The resource type: "Labor", "Nonlabor", or "Material".
RoleId	The short code that uniquely identifies the role.
RoleName	The name of the role. The role name uniquely identifies the role.
RoleObjectId	The unique ID of the role the resource is performing on this activity. A resource may be assigned to the same activity more than once, performing different roles.
StaffedRemainingCost	The time distribution of the resource's remaining cost for resource assignments that have filled a role.
StaffedRemainingUnits	The time distribution of the resource's remaining units for resource assignments that have filled a role.
StartDate	The start date of the resource assignment on the activity. Set to the remaining start date until the activity is started, then set to the actual start date.
UnitsPercentComplete	The percent complete of units for the resource assignment on the activity. Computed as actual units / at completion units * 100. Always in the range 0 to 100.
UnstaffedRemainingCost	The time distribution of the resource's remaining cost for resource assignments that have not filled a role.
UnstaffedRemainingUnits	The time distribution of the resource's remaining units for resource assignments that have not filled a role.
WBSObjectId	The unique ID of the WBS for the activity.
RolledupWBSObjectId	Rolled up WBS Object Ids after filtering either by levels or tagging.



## ResourceCode

**Description:** Resource codes are user-defined to classify and categorize resources across the enterprise.

Field	Description
CodeTypeName	The name of the resource code type.
CodeTypeObjectId	The unique ID of the resource code type.
CodeValue	The value of the resource code.
CreateDate	The date this resource code was created.
CreateUser	The name of the user that created this resource code.
Description	The description of the resource code.
LastUpdateDate	The date this resource code was last updated.
LastUpdateUser	The name of the user that last updated this resource code.
ObjectId	The unique ID generated by the system.
ParentObjectId	The unique ID of the parent resource code.
SequenceNumber	The sequence number for sorting.

## ResourceCodeType

**Description:** Resource code types provide a way of classifying resource codes. Resource codes are user-defined codes to classify and categorize resources across the enterprise.

Field	Description
CreateDate	The date this resource code type was created.
CreateUser	The name of the user that created this resource code type.
IsSecureCode	The flag indicating whether this is a secure resource code type.
LastUpdateDate	The date this resource code was last updated.
LastUpdateUser	The name of the user that last updated this resource code.
Length	The maximum number of characters allowed for values of this resource code.
Name	The name of the resource code type.

Field	Description
ObjectId	The unique ID generated by the system.
SequenceNumber	The sequence number for sorting.

## ResourceRate

**Description:** Resource rates provide a way of specifying multiple resource prices and maximum units per time values that vary over time.

Field	Description
CreateDate	The date this resource rate was created.
CreateUser	The name of the user that created this resource rate.
EffectiveDate	The effective date for the resource price and maximum units per time.
LastUpdateDate	The date this resource rate was last updated.
LastUpdateUser	The name of the user that last updated this resource rate.
MaxUnitsPerTime	The maximum work units per time this resource can perform on all their assigned activities.
ObjectId	The unique ID generated by the system.
PricePerUnit	The non-overtime price per time for the resource. This price is used to compute costs for any activities the resource is assigned to.
PricePerUnit2	The non-overtime price per time for the resource. This price is used to compute costs for any activities the resource is assigned to.
PricePerUnit3	The non-overtime price per time for the resource. This price is used to compute costs for any activities the resource is assigned to.
PricePerUnit4	The non-overtime price per time for the resource. This price is used to compute costs for any activities the resource is assigned to.
PricePerUnit5	The non-overtime price per time for the resource. This price is used to compute costs for any activities the resource is assigned to.
ResourceId	The short code that uniquely identifies the resource.
ResourceName	The name of the resource.
ResourceObjectId	The unique ID of the associated resource.

Field	Description
ShiftPeriodObjectId	The unique ID of the associated shift.

## Risk

**Description:** The risk object represents a probabilistic event or condition which if it occurs has an impact on the project.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
Id	The ID of the Risk. Must be unique within a project.
Name	The name of the Risk. Does not need to be unique.
ResponseTotalCost	The total estimated cost for the risk.
RiskCategoryObjectId	The unique ID of the category to which the Risk is assigned. <b>Note:</b> Use this field when RiskCategory Object is available.
RiskCategoryName	The name of the category to which the Risk is assigned. <b>Note:</b> Use this field when RiskCategory Object is available.
Type	The type of the risk. Valid values are 'Threat' and 'Opportunity'.
Status	The current status of the Risk. Valid values are 'Proposed', 'Open', 'Rejected', 'Managed', and 'Impacted'.
Description	The description of the Risk.
Effect	The description of the risks effect on the project.
Cause	The description of the cause of the Risk.
IdentifiedDate	The date this risk was identified.

## RiskImpact

**Description:** The risk impact object stores the pre-response qualitative value assigned to a risk for each of the risk thresholds.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
RiskObjectId	The unique ID of the associated risk.
RiskId	The short name of the associated risk.
RiskName	The name of the associated risk.
RiskThresholdLevelObjectId	The unique ID of the associated risk threshold level.
RiskThresholdLevelCode	The short name of the associated risk threshold level.
RiskThresholdLevelName	The name of the associated risk threshold level.
RiskThresholdObjectId	The unique ID of the associated risk threshold.
RiskThresholdName	The name of the associated risk threshold.

## RiskMatrix

**Description:** The risk matrix object contains the name and description of each probability and impact diagram (PID). The Risk Matrix is then used to qualitatively assess each risk and assign a score.

Field	Description
ObjectId	The unique ID generated by the system.
Name	The name of the risk matrix.
Description	The description of the risk matrix.
IsActive	The indication of whether the response plan is currently active for the associated risk. Only one response plan can be active at a given time for a risk.
RiskScoringMethod	The calculation method used to determine the risk score. Valid values are 'Highest', 'Average of Impacts', 'Average of Individual Scores'.

Field	Description
ImpactThresholdLevel	The number of levels for the impact thresholds assigned to the risk scoring matrix. This impact level with the probability level determines the size of the matrix.
ProbabilityThresholdLevel	The number of levels for the probability threshold assigned to the risk matrix. This probability level with the impact level determines the size of the matrix.

### RiskMatrixScore

**Description:** The risk matrix score object stores the score values from the probability and impact diagram (PID) of the risk score matrix.

Field	Description
ObjectId	The unique ID generated by the system.
RiskMatrixObjectId	The unique ID of the associated risk matrix.
RiskMatrixName	The name of the associated risk matrix.
ProbabilityThresholdLevel	The level number of the probability threshold. Valid numbers are 1-9.
Severity1	The first severity level of the Risk Matrix Score.
Severity1Label	The label for the first severity level.
Severity2	The second severity level of the Risk Matrix Score.
Severity2Label	The label for the second severity level.
Severity3	The third severity level of the Risk Matrix Score.
Severity3Label	The label for the third severity level.
Severity4	The fourth severity level of the Risk Matrix Score.
Severity4Label	The label for the fourth severity level.
Severity5	The fifth severity level of the Risk Matrix Score.
Severity5Label	The label for the fifth severity level.
Severity6	The sixth severity level of the Risk Matrix Score.
Severity6Label	The label for the sixth severity level.
Severity7	The seventh severity level of the Risk Matrix Score.
Severity7Label	The label for the seventh severity level.

Field	Description
Severity8	The eighth severity level of the Risk Matrix Score.
Severity8Label	The label for the eighth severity level.
Severity9	The ninth severity level of the Risk Matrix Score.
Severity9Label	The label for the ninth severity level.

## RiskMatrixThreshold

**Description:** The risk matrix threshold object creates a relationship between a RiskThreshold object and a RiskMatrix object. This allows a single RiskThreshold object to be associated with multiple RiskMatrix objects.

Field	Description
ObjectId	The unique ID generated by the system.
RiskMatrixObjectId	The unique ID of the associated risk matrix.
RiskMatrixName	The name of the associated risk matrix.
RiskThresholdObjectId	The unique ID of the associated risk threshold.
RiskThresholdName	The name of the associated risk threshold.

## RiskResponseAction

**Description:** The risk response action object contains the detailed steps that need to occur to complete the risk response plan. Multiple actions can be associated with one response plan and each action can be linked to an activity in the project.

Field	Description
ObjectId	The unique ID generated by the system.
Id	The short name of the risk response plan.
Name	The name of the risk response plan.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
RiskId	The short name of the associated risk.
RiskResponsePlanObjectId	The unique ID of the associated risk response plan.

Field	Description
RiskResponsePlanId	The short name of the associated risk response plan.
RiskResponsePlanName	The name of the associated risk response plan.
ResourceObjectId	The unique ID of the associated resource.
ResourceId	The short name of the associated resource.
ResourceName	The name of the associated resource.
ActivityObjectId	The unique ID of the associated activity.
ActivityId	The short name of the associated activity.
ActivityName	The name of the associated activity.
StartDate	The start date of the risk response action. If an activity is assigned, the risk response action uses the activity start date.
FinishDate	The finish date of the risk response action. If an activity is assigned, the risk response action uses the activity finish date.
PlannedStartDate	The planned start date.
PlannedFinishDate	The planned finish date.
RemainingCost	The remaining cost associated with the risk response action.
ActualCost	The actual cost.
PlannedCost	The planned cost.
Status	The status of the risk response action. Valid values are 'Proposed', 'Sanctioned', 'Rejected', 'InProgress', and 'Complete'.

### RiskResponseActionImpact

**Description:** The risk response action impact object is a post-risk response action qualitative value that is assigned to a risk for each of the risk thresholds.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
RiskId	The short name of the associated risk.

Field	Description
RiskResponseActionObjectId	The unique ID of the associated risk response action.
RiskResponseActionId	The short name of the associated risk response action.
RiskResponseActionName	The name of the associated risk response action.
RiskThresholdLevelObjectId	The unique ID of the associated risk threshold level.
RiskThresholdLevelCode	The short name of the associated risk threshold level.
RiskThresholdLevelName	The name of the associated risk threshold level.
RiskThresholdObjectId	The unique ID of the associated risk threshold.
RiskThresholdName	The name of the associated risk threshold.

## RiskResponsePlan

**Description:** The risk response plan object communicates how the project team plans to address the identified risk.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
RiskObjectId	The unique ID of the associated risk.
RiskId	The short name of the associated risk.
RiskName	The name of the associated risk.
Id	The short name of the risk response plan.
Name	The name of the risk response plan.
IsActive	The indication of whether the response plan is currently active for the associated risk. Only one response plan can be active at a given time for a risk.
ResponseType	The risk response plan type. If the risk is a threat, the valid types are 'Avoid', 'Transfer', 'Reduce', and 'Accept'. If the risk is an opportunity, the valid types are 'Exploit', 'Facilitate', 'Enhance', and 'Reject'.



## RiskThreshold

**Description:** The risk threshold object contains the name, description, and type of each risk threshold. Risk thresholds provide a mechanism for setting up the criteria that is used to assess the risk.

Field	Description
ObjectId	The unique ID generated by the system.
Name	The name of the risk threshold.
ThresholdType	The type of Risk Threshold. Valid types are 'Probability', 'Tolerance', 'Schedule', 'Cost', 'Relative Schedule', 'Relative Cost' and 'User Defined'.

## RiskThresholdLevel

**Description:** The risk threshold level object stores the level information (e.g. Low, Medium, High) for each risk threshold.

Field	Description
ObjectId	The unique ID generated by the system.
Code	The 10 character code for the threshold level.
Name	The 40 character name for the threshold level.
RiskThresholdObjectId	The unique ID of the associated risk threshold.
RiskThresholdName	The name of the associated risk threshold.
Color	The Hex representation for the color e.g. 0xFFFFFFFF.
Level	The valid values are between 0 and 9. Defines a level for the Risk Threshold.
Range	The user defined range.
CostRange	The cost range of the threshold level.
ScheduleRange	The schedule range of the threshold level.
ToleranceRange	The tolerance range of the threshold level.
ProbabilityRange	The probability range of the threshold level.

Field	Description
ThresholdType	The type of Risk Threshold. Valid types are 'Probability', 'Tolerance', 'Schedule', 'Cost', 'Relative Schedule', 'Relative Cost' and 'User Defined'.

## Role

**Description:** Roles are project personnel job titles or skills, such as mechanical engineer, inspector, or carpenter. They represent a type of resource with a certain level of proficiency rather than a specific individual.

Field	Description
Id	The short code that uniquely identifies the role.
ObjectId	The unique ID generated by the system.
Name	The name of the role.
SequenceNumber	The sequence number for sorting.
ParentObjectId	The unique ID of the parent role of this role in the hierarchy.
CalculateCostFromUnits	The option that indicates whether costs and quantities are linked, and whether quantities should be updated when costs are updated.
Responsibilities	The responsibilities for the role.
LastUpdateDate	The date this role was last updated.
LastUpdateUser	The name of the user that last updated this role.
CreateDate	The date this role was created.
CreateUser	The name of the user that created this role.

## RoleRate

**Description:** Role rates enable you to select a predefined price per unit for cost calculating when assigning the role to an activity.

Field	Description
CreateDate	The date this role rate was created.
CreateUser	The name of the user that created this role rate.
LastUpdateDate	The date this role rate was last updated.

Field	Description
e	
LastUpdateUser	The name of the user that last updated this role rate.
ObjectId	The unique ID generated by the system.
PricePerUnit	The non-overtime price per time for the role. This price is used to compute costs for any activities the role is assigned to.
PricePerUnit2	The non-overtime price per time for the role. This price is used to compute costs for any activities the role is assigned to.
PricePerUnit3	The non-overtime price per time for the role. This price is used to compute costs for any activities the role is assigned to.
PricePerUnit4	The non-overtime price per time for the role. This price is used to compute costs for any activities the role is assigned to.
PricePerUnit5	The non-overtime price per time for the role. This price is used to compute costs for any activities the role is assigned to.
RoleId	The short code that uniquely identifies the role.
RoleName	The name of the role.
RoleObjectId	The unique ID of the associated role.

## UDFType

**Description:** User-defined fields (UDFs) enable users to add custom fields and values to the project database.

UDF codes from P6 can be exported to Prime or Sample providers using the Export Global Data flow. However, first export the project UDFs, and then export all other UDF dictionaries. The default field mapping template must include all fields listed below.

Field	Description
CreateDate	The date this user-defined field was created.
CreateUser	The name of the user that created this user-defined field.
DataType	The data type of the user-defined field: "Text", "Start Date", "Finish Date", "Cost", "Double", "Integer", "Indicator", or "Code".
IsCalculated	The flag indicating whether this is a calculated user defined field type.
IsConditional	The flag indicating whether this is a indicator user defined field type.

Field	Description
IsSecureCode	The flag indicating whether this is a secure code type.
LastUpdateDate	The date this user-defined field was last updated.
LastUpdateUser	The name of the user that last updated this user-defined field.
ObjectId	The unique ID generated by the system.
SubjectArea	The subject area of the user-defined field.
Title	The name/title of the user-defined field.

## WBS

**Description:** The project work breakdown structure (WBS) is a hierarchical arrangement of the products and services produced during and by a project. Each element of a WBS may contain more-detailed WBS elements, activities, or both. WBS are hierarchical objects.

Field	Description
ObjectId	The unique ID generated by the system.
Name	The name of the WBS.
ProjectObjectId	The unique ID of the associated project.
Code	The short code assigned to each WBS element for identification.
ParentObjectId	The unique ID of the parent WBS of this WBS in the hierarchy.
WBSCategoryObjectId	The unique wbs category objectId of the WBS.
AnticipatedStartDate	The anticipated start date of WBS, project and EPS elements.
AnticipatedFinishDate	The anticipated finish date of WBS, project and EPS elements.
ContainsSummaryData	The boolean contains summary data flag of the WBS.
CreateDate	The created date of the WBS.
CreateUser	The user who created the WBS.
CurrentBudget	The current budget of the WBS.

Field	Description
CurrentVariance	The current variance of the WBS.
DistributedCurrentBudget	The distributed current budget of the WBS.
EarnedValueComputeType	Indicates earned value compute type of the WBS
EarnedValueETCComputeType	Indicates earned value ETC compute type of the WBS
EarnedValueETCUserValue	The earned value ETC user value for WBS computing earned value.
EarnedValueUserPercent	The earned value user percent for WBS to compute earned value.
FinishDate	The date finish date of the WBS.
ForecastFinishDate	The date forecast finish date of the WBS.
ForecastStartDate	The date forecast start date of the WBS.
GUID	The GUID of the WBS.
IndependentETCLaborUnits	The independent ETC labor units of the WBS.
IndependentETCTotalCost	The independent ETC total cost of the WBS.
IntegratedType	Indicates integrated type of the WBS
IsBaseline	The boolean is baseline flag of the WBS.
IsTemplate	The boolean is template flag of the WBS.
LastUpdateDate	The last update date of the WBS.
LastUpdateUser	The last update user of the WBS.
OBSName	The obs name of the WBS.
OBSObjectld	The obs object id of the WBS.
OriginalBudget	The original budget of the project.
Projectld	The project Id of the WBS.
ProposedBudget	The proposed budget of the WBS.
StartDate	The start date of the WBS.

Field	Description
SequenceNumber	The sequence number of the WBS.
Status	The status of the WBS.
SummaryAccountingVarianceByCost	The summary accounting variance by cost of the WBS.
SummaryAccountingVarianceByLaborUnits	The summary accounting variance by labor units of the WBS.
SummaryActivityCount	The summary activity count of the WBS.
SummaryActualDuration	The summary actual duration of the WBS.
SummaryActualExpenseCost	The summary actual expense cost of the WBS.
SummaryActualFinishDate	The summary actual finish date of the WBS.
SummaryActualLaborCost	The summary actual labor cost of the WBS.
SummaryActualLaborUnits	The summary actual labor units of the WBS.
SummaryActualMaterialCost	The summary actual material cost of the WBS.
SummaryActualNonLaborCost	The summary actual nonlabor cost of the WBS.
SummaryActualNonLaborUnits	The summary actual nonlabor units of the WBS.
SummaryActualStartDate	The summary actual start date of the WBS.
SummaryActualThisPeriodCost	The summary actual this period cost of the WBS.
SummaryActualThisPeriodLaborCost	The summary actual this period labor cost of the WBS.
SummaryActualThisPeriodLaborUnits	The summary actual this period labor unit of the WBS.
SummaryActualThisPeriodMaterialCost	The summary actual this period material cost of the WBS.
SummaryActualThisPeriodNonLaborCost	The summary actual this period nonlabor cost of the WBS.

Field	Description
SummaryActualThisPeriodNonLaborUnits	The summary actual this period nonlabor unit of the WBS.
SummaryActualTotalCost	The summary actual total cost of the WBS.
SummaryActualValueByCost	The summary actual value by cost of the WBS.
SummaryActualValueByLaborUnits	The summary actual value by labor units of the WBS.
SummaryAtCompletionDuration	The summary at completion duration of the WBS.
SummaryAtCompletionExpenseCost	The summary at completion expense cost of the WBS.
SummaryAtCompletionLaborCost	The summary at completion labor cost of the WBS.
SummaryAtCompletionLaborUnits	The summary at completion labor units of the WBS.
SummaryAtCompletionMaterialCost	The summary at completion material cost of the WBS.
SummaryAtCompletionNonLaborCost	The summary at completion nonlabor cost of the WBS.
SummaryAtCompletionNonLaborUnits	The summary at completion nonlabor units of the WBS.
SummaryAtCompletionTotalCost	The summary at completion total cost of the WBS.
SummaryAtCompletionTotalCostVariance	The summary at completion total cost variance of the WBS.
SummaryBaselineCompletedActivityCount	The summary baseline completed activity count of the WBS.
SummaryBaselineDuration	The summary baseline duration of the WBS.
SummaryBaselineExpenseCost	The summary baseline expense cost of the WBS.
SummaryBaselineFinishDate	The summary baseline finish date of the WBS.
SummaryBaselineInProgressActivityCount	The summary baseline in progress activity count of the WBS.
SummaryBaselineLaborCost	The summary baseline labor cost of the

Field	Description
	WBS.
SummaryBaselineLaborUnits	The summary baseline labor units of the WBS.
SummaryBaselineMaterialCost	The summary baseline material cost of the WBS.
SummaryBaselineNonLaborCost	The summary baseline nonlabor cost of the WBS.
SummaryBaselineNonLaborUnits	The summary baseline nonlabor Units of the proWBSect.
SummaryBaselineNotStartedActivityCount	The summary baseline not start activity count of the WBS.
SummaryBaselineStartDate	The summary baseline start date of the WBS.
SummaryBaselineTotalCost	The summary baseline total cost of the WBS.
SummaryBudgetAtCompletionByCost	The summary budget at completion by cost of the WBS.
SummaryBudgetAtCompletionByLaborUnits	The summary budget at completion by labor units of the WBS.
SummaryCompletedActivityCount	The summary completed activity count of the WBS.
SummaryCostPercentComplete	The summary cost percent complete of the WBS.
SummaryCostPercentOfPlanned	The summary cost percent of planned of the WBS.
SummaryCostPerformanceIndexByCost	The summary cost performance index by cost of the WBS.
SummaryCostPerformanceIndexByLaborUnits	The summary cost performance index by labor units of the WBS.
SummaryCostVarianceByCost	The summary cost variance by cost of the WBS.
SummaryCostVarianceByLaborUnits	The summary cost variance by labor units of the WBS.
SummaryCostVarianceIndex	The summary cost variance index of the WBS.
SummaryCostVarianceIndexByCost	The summary cost variance index by cost of the WBS.



Field	Description
SummaryCostVarianceIndexByLaborUnits	The summary cost variance index by labor unit of the WBS.
SummaryDurationPercentComplete	The summary duration percent complete of the WBS.
SummaryDurationPercentOfPlanned	The summary duration percent of planned of the WBS.
SummaryDurationVariance	The summary duration variance of the WBS.
SummaryEarnedValueByCost	The summary earned value by cost of the WBS.
SummaryEarnedValueByLaborUnits	The summary earned value by labor units of the WBS.
SummaryEstimateAtCompletionByCost	The summary estimate at completion by cost of the WBS.
SummaryEstimateAtCompletionByLaborUnits	The summary estimate at completion by labor units of the WBS.
SummaryEstimateAtCompletionHighPercentByLaborUnits	The summary estimate at completion high percent by labor units of the WBS.
SummaryEstimateAtCompletionLowPercentByLaborUnits	The summary estimate at completion low percent by labor units of the WBS.
SummaryEstimateToCompleteByCost	The summary estimate to completion by cost of the WBS.
SummaryEstimateToCompleteByLaborUnits	The summary estimate to completion by labor units of the WBS.
SummaryExpenseCostPercentComplete	The summary expense cost percent complete of the WBS.
SummaryExpenseCostVariance	The summary expense cost variance of the WBS.
SummaryFinishDateVariance	The summary finish date variance of the WBS.
SummaryInProgressActivityCount	The summary in progress activity count of the WBS.
SummaryLaborCostPercentComplete	The summary labor cost percent complete of the WBS.
SummaryLaborCostVariance	The summary labor cost variance of the WBS.
SummaryLaborUnitsPercentComplete	The summary labor units percent

Field	Description
	complete of the WBS.
SummaryLaborUnitsVariance	The summary labor units variance of the WBS.
SummaryMaterialCostPercentComplete	The summary material cost percent complete of the WBS.
SummaryMaterialCostVariance	The summary material cost variance of the WBS.
SummaryNonLaborCostPercentComplete	The summary nonlabor cost percent complete of the WBS.
SummaryNonLaborCostVariance	The summary nonlabor cost variance of the WBS.
SummaryNonLaborUnitsPercentComplete	The summary nonlabor units percent complete of the WBS.
SummaryNonLaborUnitsVariance	The summary nonlabor units variance of the WBS.
SummaryNotStartedActivityCount	The summary non started activity count of the WBS.
SummaryPerformancePercentCompleteByCost	The summary performance percent complete by cost of the WBS.
SummaryPerformancePercentCompleteByLaborUnits	The summary performance percent complete by labor units of the WBS.
SummaryPlannedCost	The summary planned cost of the WBS.
SummaryPlannedDuration	The summary planned duration of the WBS.
SummaryPlannedExpenseCost	The summary planned expense cost of the WBS.
SummaryPlannedFinishDate	The summary planned finish date of the WBS.
SummaryPlannedLaborCost	The summary planned labor cost of the WBS.
SummaryPlannedLaborUnits	The summary planned labor units of the WBS.
SummaryPlannedMaterialCost	The summary planned material cost of the WBS.
SummaryPlannedNonLaborCost	The summary planned non labor cost of the WBS.

Field	Description
SummaryPlannedNonLaborUnits	The summary planned non labor units of the WBS.
SummaryPlannedStartDate	The summary planned start date of the WBS.
SummaryPlannedValueByCost	The summary planned value by cost of the WBS.
SummaryPlannedValueByLaborUnits	The summary planned value by labor units of the WBS.
SummaryProgressFinishDate	The summary progress finish date of the WBS.
SummaryRemainingDuration	The summary remaining duration of the WBS.
SummaryRemainingExpenseCost	The summary remaining expense cost of the WBS.
SummaryRemainingFinishDate	The summary remaining finish date of the WBS.
SummaryRemainingLaborCost	The summary remaining labor cost of the WBS.
SummaryRemainingLaborUnits	The summary remaining labor units of the WBS.
SummaryRemainingMaterialCost	The summary remaining material cost of the WBS.
SummaryRemainingNonLaborCost	The summary remaining non labor cost of the WBS.
SummaryRemainingNonLaborUnits	The summary remaining non labor units of the WBS.
SummaryRemainingStartDate	The summary remaining start date of the WBS.
SummaryRemainingTotalCost	The summary remaining total cost of the WBS.
SummarySchedulePercentComplete	The summary schedule percent complete of the WBS.
SummarySchedulePercentCompleteByLaborUnits	The summary schedule percent complete by labor units of the WBS.
SummarySchedulePerformanceIndexByCost	The summary schedule performance index by cost of the WBS.
SummarySchedulePerformanceIndexByLabor	The summary schedule performance

Field	Description
Units	index by labor units of the WBS.
SummaryScheduleVarianceByCost	The summary schedule variance by cost of the WBS.
SummaryScheduleVarianceByLaborUnits	The summary schedule variance by labor units of the WBS.
SummaryScheduleVarianceIndex	The summary schedule variance index of the WBS.
SummaryScheduleVarianceIndexByCost	The summary schedule variance index by cost of the WBS.
SummaryScheduleVarianceIndexByLaborUnits	The summary schedule variance index by labor units of the WBS.
SummaryStartDateVariance	The summary start date variance of the WBS.
SummaryToCompletePerformanceIndexByCost	The summary to complete performance index by cost of the WBS.
SummaryTotalCostVariance	The summary total cost variance of the WBS.
SummaryTotalFloat	The summary total float of the WBS.
SummaryUnitsPercentComplete	The summary units percent complete of the WBS.
SummaryVarianceAtCompletionByLaborUnits	The summary variance at completion by labor units of the WBS.
TotalBenefitPlan	The total benefit plan of the WBS.
TotalBenefitPlanTally	The total benefit plan tally of the WBS.
TotalSpendingPlan	The total spending plan of the WBS.
TotalSpendingPlanTally	The total spending plan tally of the WBS.
UnallocatedBudget	The unallocated budget of the WBS.
UndistributedCurrentVariance	The undistributed current variance of the WBS.
WBSMilestonePercentComplete	The wbs milestone percent complete of the WBS.

## WBSCategory

**Description:** As their name implies, WBS categories are used to categorize WBS elements. They are defined globally.

Field	Description
ObjectId	The unique ID generated by the system.
Name	The name of the WBS category.
CreateDate	The date this WBS category was created.
CreateUser	The name of the user that created this WBS category.
LastUpdateDate	The date this WBS category was last updated.
LastUpdateUser	The name of the user that last updated this WBS category.
SequenceNumber	The sequence number of the WBS category.

## WBSExpenseSpread

**Description:** Expense spread data per WBS per ExpenseCategory.

**Note:** Expense category summaries are only supported by financial period.

Field	Description
WBSObjectId	The unique ID of the WBS.
ExpenseCategoryId	The unique ID of expense category.
PeriodType	The type of period for summarized spread data.
StartDate	Spread start date.
EndDate	Spread end date.
WBSCode	WBS Code.
ExpenseCategoryName	Expense Category Name.
ActualCost	Actual Cost.
AtCompletionCost	At completion cost.
PlannedCost	Planned cost.
RemainingCost	Remaining cost.

## WBSResourceSpread

**Description:** Spread data per WBS per Resource

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the project.
WBSObjectId	The unique ID of the WBS.
ResourceObjectId	The unique ID of the resource.
RoleObjectId	The unique ID of the role.
PeriodType	The type of period for summarized spread data.
StartDate	Spread start date.
EndDate	Spread end date.
ProjectId	Project short name.
WBSCode	WBS code.
ResourceId	Resource short name.
RoleId	Role short name.
ActualCost	Actual cost. The actual non-overtime plus overtime cost for the resource for the wbs or project. Computed as actual cost = actual regular cost + actual overtime cost.
ActualOvertimeCost	Actual Overtime Cost.
ActualOvertimeUnits	Actual Overtime Units.
ActualRegularCost	Actual Regular Cost.
ActualRegularUnits	Actual Regular Units.
ActualUnits	Actual Units.
AtCompletionCost	At Completion Cost.
AtCompletionUnits	At Completion Units
Limit	Limit.
PeriodActualCost	Period Actual Cost.
PeriodActualUnits	Period Actual Units.
PeriodAtCompletionCost	Period At Completion Cost.

Field	Description
PeriodAtCompletionUnits	Period At Completion Units.
PlannedCost	Planned Cost.
PlannedUnits	Planned Units.
RemainingCost	Remaining Cost.
RemainingLateCost	Remaining Late Cost.
RemainingLateUnits	Remaining Late Units.
RemainingUnits	Remaining Units
StaffedActualCost	Staffed Actual Cost.
StaffedActualOvertimeCost	Staffed Actual Overtime Cost.
StaffedActualOvertimeUnits	Staffed Actual Overtime Units.
StaffedActualRegularCost	Staffed Actual Regular Cost.
StaffedActualRegularUnits	Staffed Actual Regular Units.
StaffedActualUnits	Staffed Actual Units.
StaffedAtCompletionCost	Staffed At Completion Cost.
StaffedAtCompletionUnits	Staffed At Completion Units.
StaffedPlannedCost	Staffed Planned Cost.
StaffedPlannedUnits	Staffed Planned Units.
StaffedRemainingCost	Staffed Remaining Cost.
StaffedRemainingLateCost	Staffed Remaining Late Cost.
StaffedRemainingLateUnits	Staffed Remaining Late Units.
StaffedRemainingUnits	Staffed Remaining Units.

## WBSSpread

**Description:** Summarized spread data in each WBS

Field	Description
ObjectId	The unique ID generated by the system.

Field	Description
ProjectObjectId	The unique ID of the project.
WBSObjectId	The unique ID of WBS.
PeriodType	The type of period for summarized spread data.
StartDate	Spread start date.
EndDate	Spread end date.
ProjectId	Project short name.
WBSCode	WBS Code.
ActualCost	Actual Cost.
ActualExpenseCost	Actual Expense Cost.
ActualLaborCost	Actual Labor Cost.
ActualLaborUnits	Actual Labor Units.
ActualMaterialCost	Actual Material Cost.
ActualNonlaborCost	Actual Nonlabor Cost.
ActualNonlaborUnits	Actual Nonlabor Units.
ActualTotalCost	Actual Total Cost.
AtCompletionExpenseCost	At Completion Expense Cost.
AtCompletionLaborCost	At Completion Labor Cost.
AtCompletionLaborUnits	At Completion Labor Units.
AtCompletionMaterialCost	At Completion Material Cost.
AtCompletionNonlaborCost	At Completion Nonlabor Cost.



Field	Description
AtCompletionNonlaborUnits	At Completion Nonlabor Units.
AtCompletionTotalCost	At Completion Total Cost.
BaselinePlannedExpenseCost	Baseline Planned Expense Cost.
BaselinePlannedLaborCost	Baseline Planned Labor Cost.
BaselinePlannedLaborUnits	Baseline Planned Labor Units.
BaselinePlannedMaterialCost	Baseline Planned Material Cost.
BaselinePlannedNonlaborCost	Baseline Planned Nonlabor Cost.
BaselinePlannedNonlaborUnits	Baseline Planned Nonlabor Units.
BaselinePlannedTotalCost	Baseline Planned Total Cost.
EarnedValueCost	Earned Value Cost.
EarnedValueLaborUnits	Earned Value Labor Units.
EstimateAtCompletionCost	Estimate At Completion Cost.
EstimateAtCompletionLaborUnits	Estimate At Completion Labor Units.
EstimateToCompleteCost	Estimate To Complete Cost.
EstimateToCompleteLaborUnits	Estimate To Complete Labor Units.
PeriodActualCost	Period Actual Cost.
PeriodActualExpenseCost	Period Actual Expense Cost.

Field	Description
PeriodActualLaborCost	Period Actual Labor Cost.
PeriodActualLaborUnits	Period Actual Labor Units.
PeriodActualMaterialCost	Period Actual Material Cost.
PeriodActualNonLaborCost	Period Actual NonLabor Cost.
PeriodActualNonLaborUnits	Period Actual NonLabor Units.
PeriodAtCompletionExpenseCost	Period At Completion Expense Cost.
PeriodAtCompletionLaborCost	Period At Completion Labor Cost.
PeriodAtCompletionLaborUnits	Period At Completion Labor Units.
PeriodAtCompletionMaterialCost	Period At Completion Material Cost.
PeriodAtCompletionNonLaborCost	Period At Completion NonLabor Cost.
PeriodAtCompletionNonLaborUnits	Period At Completion NonLabor Units.
PeriodAtCompletionTotalCost	Period At Completion Total Cost.
PeriodEarnedValueCost	Period Earned Value Cost.
PeriodEarnedValueLaborUnits	Period Earned Value Labor Units.
PeriodEstimateAtCompletionCost	Period Estimate At Completion Cost.
PeriodEstimateAtCompletionLaborUnits	Period Estimate At Completion Labor Units.
PeriodPlannedValueCost	Period Planned Value Cost.

Field	Description
PeriodPlannedValueLaborUnits	Period Planned Value Labor Units.
PlannedExpenseCost	Planned Expense Cost.
PlannedLaborCost	Planned Labor Cost.
PlannedLaborUnits	Planned Labor Units.
PlannedMaterialCost	Planned Material Cost.
PlannedNonlaborCost	Planned Nonlabor Cost.
PlannedNonlaborUnits	Planned Nonlabor Units.
PlannedTotalCost	Planned Total Cost.
PlannedValueCost	Planned Value Cost.
PlannedValueLaborUnits	Planned Value Labor Units.
RemainingExpenseCost	Remaining Expense Cost.
RemainingLaborCost	Remaining Labor Cost.
RemainingLaborUnits	Remaining Labor Units.
RemainingLateExpenseCost	Remaining Late Expense Cost.
RemainingLateLaborCost	Remaining Late Labor Cost.
RemainingLateLaborUnits	Remaining Late Labor Units.

Field	Description
RemainingLateMaterialCost	Remaining Late Material Cost.
RemainingLateNonlaborCost	Remaining Late Nonlabor Cost.
RemainingLateNonlaborUnits	Remaining Late Nonlabor Units.
RemainingLateTotalCost	Remaining Late Total Cost.
RemainingMaterialCost	Remaining Material Cost.
RemainingNonlaborCost	Remaining Nonlabor Cost.
RemainingNonlaborUnits	Remaining Nonlabor Units.
RemainingTotalCost	Remaining Total Cost.

## Prime Business Objects

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The following Prime business objects are available in the **Data Dictionary** menu of the Gateway user interface. Select a specific business object to review a detailed list of fields supported for that business object.

Business Object	Description
Project	A project is a temporary endeavor undertaken to create a unique product, service, or result. Projects usually contain a work breakdown structure (WBS) and activities.
Location	The location is used to store address information including latitude and longitude. Locations can be assigned to resources, projects and/or activities.
WBSSpread	Summarized spread data per WBS.
UDFType	User-defined fields (UDFs) enable users to add custom fields and values to the project database.
Activity	An activity is a unit of work performed during the course of a project.
Resource	Resources include labor, nonlabor, and materials that are used for activities across all projects.
Role	Roles are project personnel job titles or skills, such as mechanical engineer, inspector, or carpenter. They represent a type of resource with a certain level of proficiency rather than a specific individual
Calendar	Calendars defined the available work hours in each calendar day, and includes global and resource types.
ResourceAssignment	Resource assignments track the work of resources or roles that are performing various activities.
Relationship	A relationship defines how an activity relates to the start or finish of another activity or assignment. These relationships, which form the logic of the project network, are used together with activity durations to determine schedule dates.
Risk	The risk object represents a probabilistic event or condition which if it occurs has an impact on the project.

Business Object	Description
RiskThreshold	The risk threshold object contains the name, description, and type of each risk threshold. Risk thresholds provide a mechanism for setting up the criteria that is used to assess the risk.
RiskThresholdLevel	The risk threshold level object stores the level information (e.g. Low, Medium, High) for each risk threshold.
RiskImpact	The risk impact object stores the pre-response qualitative value assigned to a risk for each of the risk thresholds.
RiskMatrix	The risk matrix object contains the name and description of each probability and impact diagram (PID). The Risk Matrix is then used to qualitatively assess each risk and assign a score.
RiskMatrixThreshold	The risk matrix threshold object creates a relationship between a RiskThreshold object and a RiskMatrix object. This allows a single RiskThreshold object to be associated with multiple RiskMatrix objects.
WBS	The project work breakdown structure (WBS) is a hierarchical arrangement of the products and services produced during and by a project. Each element of a WBS may contain more-detailed WBS elements, activities, or both. WBS are hierarchical objects.
ActivityRisk	The activity risk object stores the relationship between a single Activity and a single Risk.
RiskResponsePlan	The risk response plan object communicates how the project team plans to address the identified risk.
RiskResponseAction	The risk response action object contains the detailed steps that need to occur to complete the risk response plan. Multiple actions can be associated with one response plan and each action can be linked to an activity in the project.
ProjectCodeType	Project code types provide a way of classifying project codes. Project codes are user-defined codes to classify and categorize projects across the enterprise.
ProjectCode	Project codes are user-defined codes to classify and categorize projects across the enterprise.
EPS	EPS

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## Activity

**Description:** An activity is a unit of work performed during the course of a project.

Field	Description
Id	The unique identifier of the activity.
Name	The name of the activity. The activity name does not have to be unique.
PlannedDuration	The activity planned duration.
EarlyStartDate	The early start date of the activity.
ActualDuration	The activity actual duration percent of planned. Computed as actual duration / BL duration * 100. The value can exceed 100. The BL duration is the activity's at completion duration from the project baseline.

RemainingDuration	
SecondaryConstraintDate	The date to be used for the cstr_type2 assignment, if the activity has a cstr_type2 value. The activity's constraint type determines whether this is a start date or finish date. Activity constraints are used by the project scheduler.
SecondaryConstraintType	The additional constraint to be used by the scheduler.
Type	The type of activity, either 'Task Dependent', 'Resource Dependent', 'Level of Effort', 'Start Milestone', 'Finish Milestone', or 'WBS Summary'.
EarlyFinishDate	The early finish date of the activity.
StartDate	The early start date of the activity.
FinishDate	The early finish date of the activity.
LateStartDate	The late start date of the activity.
LateFinishDate	The late finish date of the activity.
ActualStartDate	The actual start date of the activity.
ActualFinishDate	The actual finish date of the activity.
LocationName	The name of the location assigned to the activity.
LocationCode	The code of the location assigned to the activity.
PlannedStartDate	The date the activity is scheduled to begin. This date is computed by the project scheduler but can be updated manually by the project manager. This date is not changed by the project scheduler after the activity has been started.
PlannedFinishDate	The date the activity is scheduled to finish. This date is computed by the project scheduler but can be updated manually by the project manager. This date is not changed by the project scheduler after the activity has been started.
PostResponsePessimisticFinish	The post-response pessimistic finish date for the activity.
PostResponsePessimisticStart	The post-response pessimistic start date for the activity.
PreResponsePessimisticFinish	The pre-response pessimistic finish date for the activity.
PreResponsePessimisticStart	The pre-response pessimistic start date for the activity.



PrimaryConstraintType	The primary constraint type of the activity.
PrimaryConstraintDate	The primary constraint date of the activity.
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
WBSObjectId	The unique ID of the WBS for the activity.
RolledupWBSObjectId	Rolled up WBS Object Ids after filtering either by levels or tagging
Status	The current status of the activity, either 'Not Started', 'In Progress', or 'Completed'.
LongText	The long text value.
CalendarName	The name of the calendar.
CalendarObjectId	The unique id of the calendar.
CalendarCode	The unique code of the calendar.
IsStarred	The flag that indicates whether this activity is marked as starred activity.
MaximumDuration	The maximum duration of the activity
MinimumDuration	The minimum duration of the activity
MostLikelyDuration	The most likely duration of the activity
LocationObjectId	The unique ID of the location assigned to the activity.
ProjectId	The short code of the associated project.
RemainingStart	The remaining start date of the project.
RemainingFinish	The remaining finish date of the project.
SuspendDate	The suspend date of the project.
ResumeDate	The resume date of the project.
RemainingLateStart	The remaining late start date of the project.
RemainingLateFinish	The remaining late finish date of the project.
BaselineStartDate	The current start date of the activity in the project baseline.
BaselineFinishDate	The current finish date of the activity in the project baseline.
ActivityPercentComplete	The activity percent complete. This value is tied to the activity duration % complete, units % complete, or physical % complete, depending on the setting for the activity's percent complete type.

BaselineDuration	The duration for the activity in the project baseline.
BaselinePlannedLaborUnits	The planned units for all labor resources assigned to the activity.
BaselinePlannedNonLaborUnits	The planned units for all nonlabor resources assigned to the activity.
IsWorkPackage	Whether this WBS is a work package.
WBSCode	The short code assigned to each WBS element for identification. Each WBS element is uniquely identified by concatenating its own code together with its parents' codes.
ExpectedFinishDate	The expected finish date of the activity in the project baseline.
DurationType	The duration type of the activity. One of 'FIXED_RATE', 'FIXED_DURATION', 'FIXED_QUANTITY', or 'FIXED_DURATION_AND_UNITS'.

## ActivityRisk

**Description:** The activity risk object stores the relationship between a single Activity and a single Risk.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
RiskObjectId	The unique ID of the associated risk.
RiskId	The short name of the associated risk.
RiskName	The name of the associated risk.
ActivityObjectId	The unique ID of the associated activity.
ActivityId	The short name of the associated activity.
ActivityName	The name of the associated activity.

## Calendar

**Description:** Calendars defined the available work hours in each calendar day, and includes global and resource types.

Field	Description
BaseCalendarObjectId	The unique ID of the global calendar to which this calendar is linked. Any changes to the global calendar are automatically propagated to this calendar.
Name	The name of the calendar.
Code	The code of the calendar.
ObjectId	The unique ID generated by the system.
Type	The calendar type - either 'Global' or 'Resource'.
IsPersonal	The flag indicating if this calendar is a personal calendar (applies to resource calendars only).
StandardWorkWeek	Standard detailed work hours for each day of week
HolidayOrExceptions	All dates with holidays or exceptions in this calendar.

## EPS

**Description:** EPS

Field	Description
AnticipatedFinishDate	Anticipated Finish Date.
AnticipatedStartDate	Anticipated Start Date.
CreateDate	The date this EPS was created.
CreateUser	The name of the user that created this EPS.
CurrentBudget	Current Budget.
CurrentVariance	Current Variance.
DistributedCurrentBudget	DistributedCurrentBudget.
FinishDate	Finish Date.
GUID	GUID.
Id	The short name of the EPS.
IndependentETCLaborUnits	Independent ETC Labor Units.

Field	Description
IndependentETCTotalCost	Independent ETC Total Cost.
LastSummarizedDate	Last Summarized Date.
LastUpdateDate	Last Update Date.
LastUpdateUser	Last Update User.
Name	The name of the EPS.
ObjectId	The unique id that uniquely identifies this EPS.
OBSName	OBS Name.
OBSObjectId	OBS Object Id.
OriginalBudget	Original Budget.
ParentObjectId	Parent EPS Object ID.
PlannedStartDate	Planned Start Date.
ProjectObjectId	Project Object Id.
ProposedBudget	Proposed Budget.
SequenceNumber	Sequence Number.
StartDate	StartDate.
SummaryAccountingVarianceByCost	Summary Accounting Variance By Cost.
SummaryAccountingVarianceByLaborUnits	Summary Accounting Variance By Labor Units.
SummaryActivityCount	Summary Activity Count.
SummaryActualDuration	Summary Actual Finish Date.
SummaryActualExpenseCost	Summary Actual Expense Cost.
SummaryActualFinishDate	Summary Actual Finish Date.
SummaryActualLaborCost	Summary Actual Labor Cost.
SummaryActualLaborUnits	Summary Actual Labor Units.
SummaryActualMaterialCost	Summary Actual Material Cost.
SummaryActualNonLaborCost	Summary Actual Non Labor Cost.
SummaryActualNonLaborUnits	Summary Actual Non Labor Units.
SummaryActualStartDate	Summary Actual Start Date.
SummaryActualThisPeriodCost	Summary Actual This Period Cost.
SummaryActualThisPeriodLaborCost	Summary Actual This Period LaborCost.

Field	Description
SummaryActualThisPeriodLaborUnits	Summary Actual This Period Labor Units.
SummaryActualThisPeriodMaterialCost	Summary Actual This Period Material Cost.
SummaryActualThisPeriodNonLaborCost	Summary Actual This Period Non Labor Cost.
SummaryActualThisPeriodNonLaborUnits	Summary Actual This Period Non Labor Units.
SummaryActualTotalCost	Summary Actual Total Cost.
SummaryActualValueByCost	Summary Actual Value By Cost.
SummaryActualValueByLaborUnits	Summary Actual Value By Labor Units.
SummaryAtCompletionDuration	Summary At Completion Duration.
SummaryAtCompletionExpenseCost	Summary At Completion Expense Cost.
SummaryAtCompletionLaborCost	Summary At Completion Labor Cost.
SummaryAtCompletionLaborUnits	Summary At Completion Labor Units.
SummaryAtCompletionMaterialCost	Summary At Completion Material Cost.
SummaryAtCompletionNonLaborCost	Summary At Completion Non Labor Cost.
SummaryAtCompletionNonLaborUnits	Summary At Completion Non Labor Units.
SummaryAtCompletionTotalCost	Summary At Completion Total Cost.
SummaryAtCompletionTotalCostVariance	Summary At Completion Total Cost Variance.
SummaryBaselineCompletedActivityCount	Summary Baseline Completed Activity Count.
SummaryBaselineDuration	Summary Baseline Duration.
SummaryBaselineExpenseCost	Summary Baseline Expense Cost.
SummaryBaselineFinishDate	Summary Baseline Finish Date.
SummaryBaselineInProgressActivityCount	Summary Baseline In Progress Activity Count.
SummaryBaselineLaborCost	Summary Baseline Labor Cost.
SummaryBaselineLaborUnits	Summary Baseline Labor Units.
SummaryBaselineMaterialCost	Summary Baseline Material Cost.
SummaryBaselineNonLaborCost	Summary Baseline Non Labor Cost.
SummaryBaselineNonLaborUnits	Summary Baseline Non Labor Units.
SummaryBaselineNotStartedActivityCount	Summary Baseline Not Started Activity Count.

Field	Description
SummaryBaselineStartDate	Summary Baseline Start Date.
SummaryBaselineTotalCost	Summary Baseline Total Cost.
SummaryBudgetAtCompletionByCost	Summary Budget At Completion By Cost.
SummaryBudgetAtCompletionByLaborUnits	Summary Budget At Completion By Labor Units.
SummaryCompletedActivityCount	Summary Completed Activity Count.
SummaryCostPercentComplete	Summary Cost Percent Complete.
SummaryCostPercentOfPlanned	Summary Cost Percent Of Planned.
SummaryCostPerformanceIndexByCost	Summary Cost Performance Index By Cost.
SummaryCostPerformanceIndexByLaborUnits	Summary Cost Performance Index By Labor Units.
SummaryCostVarianceByCost	Summary Cost Variance By Cost.
SummaryCostVarianceByLaborUnits	Summary Cost Variance By Labor Units.
SummaryCostVarianceIndex	Summary Cost Variance Index.
SummaryCostVarianceIndexByCost	Summary Cost Variance Index By Cost.
SummaryCostVarianceIndexByLaborUnits	Summary Cost Variance Index By Labor Units.
SummaryDurationPercentComplete	Summary Duration Percent Complete.
SummaryDurationPercentOfPlanned	Summary Duration Percent Of Planned.
SummaryDurationVariance	Summary Duration Variance.
SummaryEarnedValueByCost	Summary Earned Value By Cost.
SummaryEarnedValueByLaborUnits	Summary Earned Value By Labor Units.
SummaryEstimateAtCompletionByCost	Summary Estimate At Completion By Cost.
SummaryEstimateAtCompletionByLaborUnits	Summary Estimate At Completion By Labor Units.
SummaryEstimateAtCompletionHighPercentByLaborUnits	Summary Estimate At Completion High Percent By LaborUnits.
SummaryEstimateAtCompletionLowPercentByLaborUnits	Summary Estimate At Completion Low Percent By Labor Units.
SummaryEstimateToCompleteByCost	Summary Estimate To Complete By Cost.
SummaryEstimateToCompleteByLaborUnits	Summary Estimate To Complete By Labor Units.

Field	Description
SummaryExpenseCostPercentComplete	Summary Expense Cost Percent Complete.
SummaryExpenseCostVariance	Summary Expense Cost Variance.
SummaryFinishDateVariance	Summary Finish Date Variance.
SummaryInProgressActivityCount	Summary In Progress Activity Count.
SummaryLaborCostPercentComplete	Summary Labor Cost Percent Complete.
SummaryLaborCostVariance	Summary Labor Cost Variance.
SummaryLaborUnitsPercentComplete	Summary Labor Units Percent Complete.
SummaryLaborUnitsVariance	Summary Labor Units Variance.
SummaryMaterialCostPercentComplete	Summary Material Cost Percent Complete.
SummaryMaterialCostVariance	Summary Material Cost Variance.
SummaryNonLaborCostPercentComplete	Summary Non Labor Cost Percent Complete.
SummaryNonLaborCostVariance	Summary Non Labor Cost Variance.
SummaryNonLaborUnitsPercentComplete	Summary Non Labor Units Percent Complete.
SummaryNonLaborUnitsVariance	Summary Non Labor Units Variance.
SummaryNotStartedActivityCount	Summary Not Started Activity Count.
SummaryPerformancePercentCompleteBy Cost	Summary Performance Percent Complete By Cost.
SummaryPerformancePercentCompleteBy LaborUnits	Summary Performance Percent Complete By Labor Units.
SummaryPlannedCost	Summary Planned Cost.
SummaryPlannedDuration	Summary Planned Duration.
SummaryPlannedExpenseCost	Summary Planned Expense Cost.
SummaryPlannedFinishDate	Summary Planned Finish Date.
SummaryPlannedLaborCost	Summary Planned Labor Cost.
SummaryPlannedLaborUnits	Summary Planned Labor Units.
SummaryPlannedMaterialCost	Summary Planned Material Cost.
SummaryPlannedNonLaborCost	Summary Planned Non Labor Cost.
SummaryPlannedNonLaborUnits	Summary Planned Non Labor Units.
SummaryPlannedStartDate	Summary Planned Start Date.

Field	Description
SummaryPlannedValueByCost	Summary Planned Value By Cost.
SummaryPlannedValueByLaborUnits	Summary Planned Value By Labor Units.
SummaryProgressFinishDate	Summary Progress Finish Date.
SummaryRemainingDuration	Summary Remaining Duration.
SummaryRemainingExpenseCost	Summary Remaining Expense Cost.
SummaryRemainingFinishDate	Summary Remaining Finish Date.
SummaryRemainingLaborCost	Summary Remaining Labor Cost.
SummaryRemainingLaborUnits	Summary Remaining Labor Units.
SummaryRemainingMaterialCost	Summary Remaining Material Cost.
SummaryRemainingNonLaborCost	Summary Remaining Non Labor Cost.
SummaryRemainingNonLaborUnits	Summary Remaining Non Labor Units.
SummaryRemainingStartDate	Summary Remaining Start Date.
SummaryRemainingTotalCost	Summary Remaining Total Cost.
SummarySchedulePercentComplete	Summary Schedule Percent Complete.
SummarySchedulePercentCompleteByLaborUnits	Summary Schedule Percent Complete By Labor Units.
SummarySchedulePerformanceIndexByCost	Summary Schedule Performance Index By Cost.
SummarySchedulePerformanceIndexByLaborUnits	Summary Schedule Performance Index By Labor Units.
SummaryScheduleVarianceByCost	Summary Schedule Variance By Cost.
SummaryScheduleVarianceByLaborUnits	Summary Schedule Variance By Labor Units.
SummaryScheduleVarianceIndex	Summary Schedule Variance Index.
SummaryScheduleVarianceIndexByCost	Summary Schedule Variance Index By Cost.
SummaryScheduleVarianceIndexByLaborUnits	Summary Schedule Variance Index By Labor Units.
SummaryStartDateVariance	Summary Start Date Variance.
SummaryToCompletePerformanceIndexByCost	Summary To Complete Performance Index By Cost.
SummaryTotalCostVariance	Summary Total Cost Variance.
SummaryTotalFloat	Summary Total Float.



Field	Description
SummaryUnitsPercentComplete	Summary Units Percent Complete.
SummaryVarianceAtCompletionByLaborUnits	Summary Variance At Completion By Labor Units.
TotalBenefitPlan	Total Benefit Plan.
TotalBenefitPlanTally	Total Benefit Plan Tally.
TotalFunding	Total Funding.
TotalSpendingPlan	Total Spending Plan.
TotalSpendingPlanTally	Total Spending Plan Tally.
UnallocatedBudget	Unallocated Budget.
UndistributedCurrentVariance	Undistributed Current Variance.

## Location

**Description:** The location is used to store address information including latitude and longitude. Locations can be assigned to resources, projects and/or activities.

Field	Description
AddressLine1	The first line of the address with street number and street name.
AddressLine2	The second line of the address with street number and street name.
CityName	The city name of the address.
CountryCode	The country code of the address.
Latitude	The latitude of the location.
LocationCode	LocationCode
LocationName	The name of the location.
Longitude	The longitude of the location.
MunicipalityName	The municipality name of the address.
ObjectId	The unique ID generated by the system.
PostalCode	The postal code of the address.
StateCode	The state abbreviation of the address.
StateName	The state name of the address.

**Project**

**Description:** A project is a temporary endeavor undertaken to create a unique product, service, or result. Projects usually contain a work breakdown structure (WBS) and activities.

Field	Description
ProjectId	The unique ID generated by the system.
ProjectCode	Project Short Name
ProjectName	The name of the project.
Description	Description of the project
Status	The status of the project.
PlannedStartDate	The planned start date of the project.
PlannedFinishDate	The planned finish date of the project.
DataDate	The data date of the project.
Owner	Owner of the project
ActivityDefaultCalendarName	The name of the Activity Default Calendar of this project.
ActivityDefaultCalendarObjectId	The unique id of the Activity Default Calendar of this project.
StrategicPriority	The strategic priority of the project.
LocationId	Location Id
LocationName	Location Name
URL	The string web site URL of the project.
PlannedBudget	The planned budget of the project.
ProposedBudget	The proposed budget of the project.
CurrentApprovedBudget	The current approved budget of the project.
OriginalApprovedBudget	The original approved budget of the project.
ActualStartDate	The date on which the project is actually started.
ActualFinishDate	The date on which the project is actually finished.
StartDate	Project start date
FinishDate	Project finish date
PlannedDuration	The planned duration of the project.
RemainingDuration	The remaining duration of the project.

Field	Description
ActualDuration	The actual duration of the project.
VarianceStartDate	The variance start date of the project.
VarianceFinishDate	The variance finish date of the project.
PercentComplete	Percent complete of the project.
ActualCost	The actual cost of the project.
AtCompletionCost	The at completion cost of the project.
NetPresentValue	The net present value of the project.
PaybackPeriod	The pay back period of the project.
ReturnInvestment	The return on investment of the project.
AnnualDiscountRate	The annual discount rate value of the project.
EarnedValueCost	The earned value cost of the project.
PlannedValueCost	The planned value cost of the project.
ScheduleVariance	The schedule variance of the project.
CostVariance	The cost variance of the project.
SchedulePerformanceIndex	The schedule performance index of the project.
CostPerformanceIndex	The cost performance index of the project.
EstimateAtCompletionCost	The estimate at completion cost of the project.
EstimateToCompletionCost	The estimate to completion cost of the project.
BusinessSegment	A Project Code field to define the Business Segment of the Project.
Comments	A Project UDF to define additional comments for the Project.
PrimeWorkspace	A Project Code field to define the Prime Workspace of the Project.
CalculateFloatBasedOnFinishDate	The flag that indicates how each activity's float will be calculated with respect to other projects in the scheduling batch. This setting only has an effect when scheduling multiple projects at the same time
ComputeTotalFloatType	The method for calculating total float for all activities.
CriticalActivityFloatThreshold	The maximum float time for activities before they are marked critical.
IgnoreOtherProjectRelationships	The option used by the scheduler for treating

Field	Description
	activity relationships between projects when scheduling.
MakeOpenEndedActivitiesCritical	The option used by the scheduler for automatically leveling resources when scheduling projects.
MaximumMultipleFloatPaths	The number of critical float paths to calculate
MultipleFloatPathsEnabled	The Boolean value that indicates whether multiple critical float paths (sequences of activities) should be calculated in the project schedule.
MultipleFloatPathsEndingActivityObjectId	The activity in the WBS that you want to represent the end of the float paths.
MultipleFloatPathsUseTotalFloat	The Boolean value that decides whether or not to use total float in multiple float path calculations.
OutOfSequenceScheduleType	The type of logic used to schedule the progressed activities: 'Retained Logic', 'Progress Override', or 'Actual Dates'.
RelationshipLagCalendar	The calendar used to calculate the lag between predecessors and successors for all activities.
StartToStartLagCalculationType	The method used to calculate lag when a start-to-start relationship exists and the predecessor starts out of sequence.
UseExpectedFinishDates	The option used for setting activity finish dates as the expected finish dates when scheduling projects.
IntegratedType	The indicator that determines whether the resource is integrated with an Enterprise Resource Planning (ERP) system. 'Fusion' indicates the resource is integrated with Oracle Fusion. 'ERP' indicates the resource is integrated with another ERP system.
CriticalActivityPathType	Indicates Activity critical path type.
RiskMatrixName	The name of the associated risk matrix.
RiskMatrixCode	The code of the risk matrix.
SummaryRemainingTotalCost	The summary remaining total cost of the project.
ParentEPSId	The parent eps id of the project.

Field	Description
ActivityDefaultCalendarCode	The default activity calendar object id.
MustFinishByDate	The planned finish date of the project.

## ProjectCode

**Description:** Project codes are user-defined codes to classify and categorize projects across the enterprise.

Field	Description
CodeTypeName	The name of the project code type.
CodeTypeObjectId	The unique ID of the project code type.
CodeValue	The value of the project code.
Description	The description of the project code.
ObjectId	The unique ID generated by the system.
ParentObjectId	The unique ID of the parent project code.
Weight	The weight for this project code.
ParentId	The short code that uniquely identifies the parent Project code.
SequenceNumber	The sequence number for sorting.

## ProjectCodeType

**Description:** Project code types provide a way of classifying project codes. Project codes are user-defined codes to classify and categorize projects across the enterprise.

Field	Description
Length	The maximum number of characters allowed for values of this project code.
MaxCodeValueWeight	The maximum weight of the code values for this project code type.
Name	The name of the project code type.
ObjectId	The unique ID generated by the system.
Weight	The weight for this project code type.

## Relationship

**Description:** A relationship defines how an activity relates to the start or finish of another activity or assignment. These relationships, which form the logic of the project network, are used together with activity durations to determine schedule dates.

Field	Description
ObjectId	The unique ID generated by the system.
PredecessorActivityObjectId	The unique ID of the predecessor activity.
SuccessorActivityObjectId	The unique ID of the successor activity.
Type	The type of relationship: 'Finish to Start', 'Finish to Finish', 'Start to Start', or 'Start to Finish'.
Lag	The time lag of the relationship. This is the time lag between the predecessor activity's start or finish date and the successor activity's start or finish date, depending on the relationship type.
PredecessorActivityId	The unique ID of the predecessor activity.
PredecessorProjectId	The unique ID of the project that owns the predecessor activity.
SuccessorActivityId	The unique ID of the successor activity.
SuccessorProjectId	The unique ID of the project that owns the successor activity.
PredecessorActivityType	The type of the predecessor activity, either 'Task Dependent', 'Resource Dependent', 'Level of Effort', or 'Milestone'.
SuccessorActivityType	The type of the successor activity, either 'Task Dependent', 'Resource Dependent', 'Level of Effort', or 'Milestone'.

## Resource

**Description:** Resources include labor, nonlabor, and materials that are used for activities across all projects.

Field	Description
BusinessUnit	A Resource Code field to define the Business Unit of the Resource.

Field	Description
CalculateCostFromUnits	The option that determines whether any new assignments for this resource will have its costs recalculated whenever any quantity changes occur.
CalendarCode	The unique code of the calendar.
CalendarName	The name of the calendar that is assigned to the resource.
CalendarObjectId	The unique id of the calendar that is assigned to the resource.
DefaultUnitsPerTime	The Default units/time setting for resource.
DepartmentId	A Resource UDF to define the Department Id of the Resource.
EmailAddress	The resource's email address.
EmployeeId	The resource identifier within the organization, typically the employee number or social security number.
Id	The unique identifier of the Resource
IsActive	The option that determines whether the resource is active. A value of true indicates the resource is active.
IsOverTimeAllowed	The option that determines whether overtime is allowed to be entered into a timesheet for the resource.
LocationCode	The code of the location assigned to the resource.
LocationName	The name of the location assigned to the resource.
LocationObjectId	The unique ID of the location assigned to the resource.
Name	The name of the resource.
ObjectId	The unique Id for the Resource which is generated by the Primavera Data Integration application.
OfficePhone	The resource's work phone number.
OtherPhone	Other phone for the resource.
OvertimeFactor	The overtime factor used to compute the overtime price for the resource.
ParentObjectId	The unique ID of the parent resource of this resource in the hierarchy.
PrimaryRoleId	The short code that uniquely identifies the primary

Field	Description
	role for this resource.
ResourceType	The indicator that determines the resource type. Valid values are LABOR, NON_LABOR, MATERIAL.
Title	The title of the resource.
UnitOfMeasureAbbreviation	The unit of measure for a resource.

## ResourceAssignment

**Description:** resources or roles that are performing various activities.

Field	Description
ActualUnits	The actual non-overtime plus overtime units worked by the resource on this activity.
ActivityObjectId	The unique ID of the activity to which the resource is assigned.
AtCompletionUnits	The sum of the actual plus remaining units for the resource assignment on the activity.
AssignmentCode	AssignmentCode
ObjectId	The unique ID generated by the system.
PlannedDuration	The planned working time for the resource assignment on the activity, from the resource's planned start date to the planned finish date.
PlannedUnits	The planned units of work for the resource assignment on the activity.
ResourceObjectId	The unique ID of the associated resource.
PlannedUnitsPerTime	The planned units per time at which the resource is to perform work on this activity.
ResourceType	The resource type: "Labor", "Nonlabor", or "Material".
RolledupWBSObjectId	Rolled up WBS key after filtering either by levels or tagging
WBSObjectId	WBS key
RoleObjectId	The unique ID of the associated role.
IsPrimaryResource	The flag that indicates whether this resource is the activity's primary resource.



Field	Description
IsActivityFlagged	The flag that indicates whether the resource who is assigned to the activity assignment has flagged the activity as important to the resource.
PlannedLag	The planned time lag between the activity's planned start date and the resource's planned start date on the activity.
RemainingUnits	The remaining units of work to be performed by this resource on this activity.
ResourceId	The name that uniquely identifies the resource.
ActivityId	The short ID that uniquely identifies the activity within the project.
ProjectId	The short code that uniquely identifies the project.
RoleId	The short code that uniquely identifies the role.
ActualRegularUnits	The actual non-overtime units worked by the resource on this activity. This value is computed from timesheets when project actuals are applied or may be entered directly by the project manager.
RateSource	The value that indicates which price/unit will be used to calculate costs for the assignment, such as 'Resource', 'Role', and 'Override'.
ActivityType	The type of the activity, either 'Task Dependent', 'Resource Dependent', 'Level of Effort', or 'Milestone'.

## Risk

**Description:** The risk object represents a probabilistic event or condition which if it occurs has an impact on the project.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
Id	The ID of the Risk. Must be unique within a project.
Name	The name of the Risk. Does not need to be unique.
ResponseTotalCost	The total estimated cost for the risk.

Field	Description
Type	The type of the risk. Valid values are 'Threat' and 'Opportunity'.
Status	The current status of the Risk. Valid values are 'Proposed', 'Open', 'Active', 'Rejected', 'Managed', and 'Impacted'.
Description	The description of the Risk.
Effect	The description of the risks effect on the project.
Cause	The description of the cause of the Risk.
IdentifiedDate	The date this risk was identified.

## RiskImpact

**Description:** The risk impact object stores the pre-response qualitative value assigned to a risk for each of the risk thresholds.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
RiskObjectId	The unique ID of the associated risk.
RiskId	The short name of the associated risk.
RiskName	The name of the associated risk.
RiskThresholdLevelObjectId	The unique ID of the associated risk threshold level.
RiskThresholdLevelCode	The short name of the associated risk threshold level.
RiskThresholdLevelName	The name of the associated risk threshold level.
RiskThresholdObjectId	The unique ID of the associated risk threshold.
RiskThresholdName	The name of the associated risk threshold.
RiskThresholdCode	The code of the risk threshold.

## RiskMatrix

**Description:** The risk matrix object contains the name and description of each probability and impact diagram (PID). The Risk Matrix is then used to qualitatively assess each risk and assign a score.

Field	Description
ObjectId	The unique ID generated by the system.
Name	The name of the risk matrix.
Code	The code of the risk matrix.
Description	The description of the risk matrix.
IsActive	The indication of whether the response plan is currently active for the associated risk. Only one response plan can be active at a given time for a risk.
RiskScoringMethod	The calculation method used to determine the risk score. Valid values are 'Highest', 'Average of Impacts', 'Average of Individual Scores'.
ImpactThresholdLevel	The number of levels for the impact thresholds assigned to the risk scoring matrix. This impact level with the probability level determines the size of the matrix.
ProbabilityThresholdLevel	The number of levels for the probability threshold assigned to the risk matrix. This probability level with the impact level determines the size of the matrix.

### RiskMatrixScore

**Description:** The risk matrix score object stores the score values from the probability and impact diagram (PID) of the risk score matrix.

Field	Description
ObjectId	The unique ID generated by the system.
RiskMatrixObjectId	The unique ID of the associated risk matrix.
RiskMatrixName	The name of the associated risk matrix.
RiskMatrixCode	The code of the risk matrix.
ProbabilityThresholdLevel	The level number of the probability threshold. Valid numbers are 1-9.
Severity1	The first severity level of the Risk Matrix Score.
Severity1Label	The label for the first severity level.
Severity2	The second severity level of the Risk Matrix Score.

Field	Description
Severity2Label	The label for the second severity level.
Severity3	The third severity level of the Risk Matrix Score.
Severity3Label	The label for the third severity level.
Severity4	The fourth severity level of the Risk Matrix Score.
Severity4Label	The label for the fourth severity level.
Severity5	The fifth severity level of the Risk Matrix Score.
Severity5Label	The label for the fifth severity level.
Severity6	The sixth severity level of the Risk Matrix Score.
Severity6Label	The label for the sixth severity level.
Severity7	The seventh severity level of the Risk Matrix Score.
Severity7Label	The label for the seventh severity level.
Severity8	The eighth severity level of the Risk Matrix Score.
Severity8Label	The label for the eighth severity level.
Severity9	The ninth severity level of the Risk Matrix Score.
Severity9Label	The label for the ninth severity level.

## RiskMatrixThreshold

**Description:** The risk matrix threshold object creates a relationship between a RiskThreshold object and a RiskMatrix object. This allows a single RiskThreshold object to be associated with multiple RiskMatrix objects.

Field	Description
ObjectId	The unique ID generated by the system.
RiskMatrixObjectId	The unique ID of the associated risk matrix.
RiskMatrixName	The name of the associated risk matrix.
RiskMatrixCode	The code of the risk matrix.
RiskThresholdObjectId	The unique ID of the associated risk threshold.
RiskThresholdName	The name of the associated risk threshold.
RiskThresholdCode	The code of the risk threshold.

## RiskResponseAction

**Description:** The risk response action object contains the detailed steps that need to occur to complete the risk response plan. Multiple actions can be associated with one response plan and each action can be linked to an activity in the project.

Field	Description
ObjectId	The unique ID generated by the system.
Id	The short name of the risk response plan.
Name	The name of the risk response plan.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
RiskResponsePlanObjectId	The unique ID of the associated risk response plan.
RiskResponsePlanId	The short name of the associated risk response plan.
RiskResponsePlanName	The name of the associated risk response plan.
ResourceObjectId	The unique ID of the associated resource.
ResourceId	The short name of the associated resource.
ResourceName	The name of the associated resource.
ActivityObjectId	The unique ID of the associated activity.
ActivityId	The short name of the associated activity.
ActivityName	The name of the associated activity.
StartDate	The start date of the risk response action. If an activity is assigned, the risk response action uses the activity start date.
FinishDate	The finish date of the risk response action. If an activity is assigned, the risk response action uses the activity finish date.
PlannedStartDate	The planned start date.
PlannedFinishDate	The planned finish date.
RemainingCost	The remaining cost associated with the risk response action.
ActualCost	The actual cost.
PlannedCost	The planned cost.
Status	The status of the risk response action. Valid values are 'Proposed', 'Sanctioned', 'Rejected',

Field	Description
	'In Progress', and 'Complete'.
RiskId	The short name of the associated risk.

## RiskResponseActionImpact

**Description:** The risk response action impact object is a post-risk response action qualitative value that is assigned to a risk for each of the risk thresholds.

Field	Description
ObjectId	The unique ID generated by the system.
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
RiskResponseActionObjectId	The unique ID of the associated risk response action.
RiskResponseActionId	The short name of the associated risk response action.
RiskResponseActionName	The name of the associated risk response action.
RiskThresholdLevelObjectId	The unique ID of the associated risk threshold level.
RiskThresholdLevelCode	The short name of the associated risk threshold level.
RiskThresholdLevelName	The name of the associated risk threshold level.
RiskThresholdObjectId	The unique ID of the associated risk threshold.
RiskThresholdName	The name of the associated risk threshold.
RiskThresholdCode	The code of the risk threshold.
RiskId	The short name of the associated risk.

## RiskResponsePlan

**Description:** The risk response plan object communicates how the project team plans to address the identified risk.

Field	Description
ObjectId	The unique ID generated by the system.

Field	Description
ProjectObjectId	The unique ID of the associated project.
ProjectId	The short name of the associated project.
RiskObjectId	The unique ID of the associated risk.
RiskId	The short name of the associated risk.
RiskName	The name of the associated risk.
Id	The short name of the risk response plan.
Name	The name of the risk response plan.
IsActive	The indication of whether the response plan is currently active for the associated risk. Only one response plan can be active at a given time for a risk.
ResponseType	The risk response plan type. If the risk is a threat, the valid types are 'Avoid', 'Transfer', 'Reduce', and 'Accept'. If the risk is an opportunity, the valid types are 'Exploit', 'Facilitate', 'Enhance', and 'Reject'.

## RiskThreshold

**Description:** The risk threshold object contains the name, description, and type of each risk threshold. Risk thresholds provide a mechanism for setting up the criteria that is used to assess the risk.

Field	Description
ObjectId	The unique ID generated by the system.
Name	The name of the risk threshold.
Code	The code of the risk threshold.
ThresholdType	The type of Risk Threshold. Valid types are 'Probability', 'Tolerance', 'Schedule', 'Cost', 'Relative Schedule', 'Relative Cost' and 'User Defined'.

## RiskThresholdLevel

**Description:** The risk threshold level object stores the level information (e.g. Low, Medium, High) for each risk threshold.

Field	Description
ObjectId	The unique ID generated by the system.
Code	The 10 character code for the threshold level.
Name	The 40 character name for the threshold level.
RiskThresholdObjectId	The unique ID of the associated risk threshold.
RiskThresholdName	The name of the associated risk threshold.
RiskThresholdCode	The code of the risk threshold.
Color	The Hex representation for the color e.g. 0xFFFFFF.
Level	The valid values are between 0 and 9. Defines a level for the Risk Threshold.
Range	The user defined range.
CostRange	The cost range of the threshold level.
ScheduleRange	The schedule range of the threshold level.
ToleranceRange	The tolerance range of the threshold level.
ProbabilityRange	The probability range of the threshold level.
ThresholdType	The type of Risk Threshold. Valid types are 'Probability', 'Tolerance', 'Schedule', 'Cost', 'Relative Schedule', 'Relative Cost' and 'User Defined'.

## Role

**Description:** Roles are project personnel job titles or skills, such as mechanical engineer, inspector, or carpenter. They represent a type of resource with a certain level of proficiency rather than a specific individual.

Field	Description
CalculateCostFromUnits	The option that indicates whether costs and quantities are linked, and whether quantities should be updated when costs are updated.
Description	The responsibilities for the role.
Id	The unique identifier of the Role
Name	The name of the resource or role.
ObjectId	The unique ID generated by the system.
ParentObjectId	The unique ID of the parent role of this role in the hierarchy.



## UDFType

**Description:** User-defined fields (UDFs) enable users to add custom fields and values to the project database.

Field	Description
CreateDate	The date this user-defined field was created.
CreateUser	The name of the user that created this user-defined field.
DataType	The data type of the user-defined field: "Text", "Start Date", "Finish Date", "Cost", "Double", "Integer", "Indicator", or "Code".
IsCalculated	The flag indicating whether this is a calculated user defined field type.
IsConditional	The flag indicating whether this is a indicator user defined field type.
IsSecureCode	The flag indicating whether this is a secure code type.
LastUpdateDate	The date this user-defined field was last updated.
LastUpdateUser	The name of the user that last updated this user-defined field.
ObjectId	The unique ID generated by the system.
Title	The name/title of the user-defined field.
SubjectArea	The subject area of the user-defined field.

## WBS

**Description:** The project work breakdown structure (WBS) is a hierarchical arrangement of the products and services produced during and by a project. Each element of a WBS may contain more-detailed WBS elements, activities, or both. WBS are hierarchical objects.

Field	Description
Code	The short name of the WBS.
ObjectId	The unique ID generated by the system.
IsWorkPackage	Whether this WBS is a work package.
Name	The name of the WBS.
ParentObjectId	The unique ID of the parent WBS of this WBS in the hierarchy.

Field	Description
ProjectObjectId	The unique ID of the associated project.
ProjectId	The project Id of the WBS.
SequenceNumber	The sequence number of the WBS.

## WBSSpread

**Description:** Summarized spread data per WBS

Field	Description
ProjectObjectId	The unique ID of Project.
ObjectId	The unique ID generated by the system.
PeriodType	The type of period for summarized spread data.
StartDate	Spread start date.
EndDate	Spread end date.
ProjectId	Project short name.
PlannedTotalCost	Planned Total Cost.
ActualTotalCost	Actual Total Cost.
AtCompletionTotalCost	At Completion Total Cost.

# Unifier Business Objects

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The following Unifier business objects are available in the **Data Dictionary** menu of the Gateway user interface. Select a specific business object to review a detailed list of fields supported for that business object.

Business Object	Description
CBS	CBS business object
CBSDurationSummary	Create/Update Duration Based Summary Sheet in Unifier.
CBSExpenseSpread	Summarized spread data per CBS per expense category
CBSResourceSpread	Summarized spread data per CBS per resource assignment
P6ActivitySheet	P6 Activity Sheet business object.
Project	A project is a temporary endeavor undertaken to create a unique product, service, or result. Projects usually contain a work breakdown structure (WBS) and activities.
WBS	WBS business object

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## CBS

**Description:** CBS business object

Field	Description
bitemid	The CBS Code ID generated by system.
parentid	Parent element ID
ProjectNumber	Project ID

Field	Description
code	CBS code
item	CBS code description
status	CBS status

### CBSDurationSummary

**Description:** Create/Update Duration Based Summary Sheet in Unifier.

Field	Description
ElementId	The unique identifier of the Duration Summary.
ProjectNumber	Project id
bitemid	CBS code id
OriginalProjectId	The original Project id for a baseline project
Title	Project Title
DataDate	Progress As Of Date
BaselineType	Baseline type of the associated baseline
PlannedStart	Planned date for work to get started for a CBS code
PlannedFinish	Planned date for work to get finished for a CBS code
ActualStart	Actual date when work gets started for a CBS code
ActualFinish	Actual date when work gets finished for a CBS code
RemainingStart	Date when Remaining work would get started for a CBS code
RemainingFinish	Date when Remaining work would finish for a CBS code
PlannedDuration	Planned Duration of work related to a CBS code
RemainingDuration	Remaining Duration of work related to a CBS code
ActualDuration	Actual Duration of work done for a CBS code
PercentComplete	Percentage of total work completed for a CBS code

### CBSExpenseSpread

**Description:** Summarized spread data per CBS per expense category

Field	Description
ElementId	The unique ID generated by the system.
ProjectNumber	The unique Project Number.
bitemid	CBS code id.
uuu_object_id	The resource Element id of the associated Resource
OriginalProjectId	The original Project id of a baseline Project
ProjectId	Project short name
Title	Project Title
DataDate	Progress As Of date
BaselineType	Baseline type of the associated baseline
ExpenseCategory	Expense Category viz. Equipment, Travel, Facilities, etc.
StartDate	At completion Start date
EndDate	At Completion End date
SummaryPlannedCost	Planned Cost for a CBS-Expense combination
SummaryPlannedUnits	Planned Units for a CBS-Expense combination
SummaryActualCost	Actual Cost for a CBS-Expense combination
SummaryActualUnits	Actual Units for a CBS-Expense combination
SummaryAtCompletionCost	At Completion Cost for a CBS-Expense combination
SummaryAtCompletionUnits	At Completion Units for a CBS-Expense combination
SummaryRemainingCost	Remaining cost for a CBS-Expense combination
SummaryRemainingUnits	Remaining Units for a CBS-Expense combination
PlannedUnits	Planned Units for a CBS-Expense combination on a date within Planned Duration
ActualUnits	Actual Units for a CBS-Expense combination on a date within Actual Duration
RemainingUnits	Remaining Units for a CBS-Expense combination on a date within Remaining Duration
AtCompletionUnits	At Completion Units for a CBS-Expense combination on a date within At Completion Duration
PlannedCost	Planned Cost for a CBS-Expense combination on a date within Planned Duration
ActualCost	Actual Cost for a CBS-Expense combination on a date within Actual Duration

Field	Description
RemainingCost	Remaining Cost for a CBS-Expense combination on a date within Remaining Duration
AtCompletionCost	At Completion Cost for a CBS-Expense combination on a date within At Completion Duration

## CBSResourceSpread

**Description:** Summarized spread data per CBS per resource assignment

Field	Description
ElementId	The unique ID generated by the system.
ProjectNumber	The unique Project Number.
bitemid	CBS code id.
uuu_object_id	The resource Element id of the associated Resource
OriginalProjectId	The Original Project id of a Baseline Project
ProjectId	Project short name
Title	Project Title
DataDate	Progress As Of date
BaselineType	Baseline type of the associated baseline
currencyid	Currency Code
StartDate	At Completion Start date
EndDate	At Completion End date
SummaryPlannedStart	Planned date for work to get started for a CBS-Resource combination
SummaryPlannedFinish	Planned date for work to get finished for a CBS-Resource combination
SummaryActualStart	Actual Start Date of work for a CBS-Resource combination
SummaryActualFinish	Actual Finish Date of work for a CBS-Resource combination
SummaryRemainingStart	Start Date of remaining work for a CBS-Resource combination
SummaryRemainingFinish	Finish Date of remaining work for a CBS-Resource combination

Field	Description
SummaryPlannedCost	Planned Cost of work related to a CBS-Resource combination
SummaryPlannedUnits	Planned Units of work related to a CBS-Resource combination
SummaryActualCost	Actual Cost of work for a CBS-Resource combination
SummaryActualUnits	Actual Units of work for a CBS-Resource combination
SummaryAtCompletionCost	Cost when work for a CBS-Resource combination will be completed
SummaryAtCompletionUnits	Units to complete work for a CBS-Resource combination
SummaryRemainingCost	Remaining cost of work for a CBS-Resource combination
SummaryRemainingUnits	Remaining Units of work for a CBS-Resource combination
uuu_role_id	Role Id
uuu_role_name	Role Name
uuu_role_type	Role Type
UnitName	Role Unit of Measure Name
uuu_role_uom	Role Unit of Measure Abbreviation
PlannedUnits	Planned Units of work on a date within Planned Duration
ActualUnits	Actual Units of work on a date within Actual Duration
RemainingUnits	Remaining Units of work on a date within Remaining Duration
AtCompletionUnits	At Completion Units on a date within Actual Duration
PlannedCost	Planned Cost of work on a date within Planned Duration
ActualCost	Actual Cost of work on a date within Actual Duration
RemainingCost	Remaining Cost of work on a date within Actual Duration
AtCompletionCost	At Completion Cost of work on a date within Actual Duration

## P6ActivitySheet

**Description:** P6 Activity sheet business object.

Field	Description
ElementId	The unique identifier of the project.
uuu_P6ActivityId	P6 Activity ID generated by system.
ProjectNumber	Project ID
uuu_P6ActivityName	Activity Name
uuu_P6WBSCode	uuu_P6WBSCode
uuu_P6WBSName	uuu_P6WBSName
uuu_P6WBSPath	The WBS path of the Activity.
uuu_P6ActivityStatus	uuu_P6ActivityStatus
uuu_P6ActivityType	uuu_P6ActivityType
uuu_P6PrimaryConstraint	Activity Primary Constraint Type
uuu_P6SecondaryConstraint	Activity Secondary Constraint type
uuu_P6PercentComplete	uuu_P6PercentComplete
uuu_P6PlannedTotalCost	uuu_P6PlannedTotalCost
uuu_P6ActualTotalCost	uuu_P6ActualTotalCost
uuu_P6AtCompletionTotalCost	uuu_P6AtCompletionTotalCost
uuu_P6RemainingTotalCost	uuu_P6RemainingTotalCost
uuu_P6PlannedStart	uuu_P6PlannedStart
uuu_P6PlannedFinish	uuu_P6PlannedFinish
uuu_P6ActualStart	uuu_P6ActualStart
uuu_P6ActualFinish	uuu_P6ActualFinish
uuu_P6Start	uuu_P6Start
uuu_P6Finish	uuu_P6Finish
uuu_P6RemainingEarlyStart	uuu_P6RemainingEarlyStart
uuu_P6RemainingEarlyFinish	uuu_P6RemainingEarlyFinish
uuu_P6PlannedDuration	uuu_P6PlannedDuration
uuu_P6ActualDuration	uuu_P6ActualDuration
uuu_P6AtCompletionDuration	uuu_P6AtCompletionDuration
uuu_P6RemainingDuration	uuu_P6RemainingDuration



## Project

**Description:** Unifier Project Header.

Field	Description
ElementId	The unique identifier of the project.
ProjectNumber	The Unique Project Number.
ProjectName	The name of the Project.
description	The description of the project.
uuu_int_schedule_type	Schedule type of the project - Valid values are "Duration" or "Resource" or "Cost".

## WBS

**Description:** WBS business object

Field	Description
bitemid	The WBS Code id generated by system.
parentid	Parent WBS id for a child WBS
ProjectNumber	Project id
code	WBS code
item	WBS code description
status	WBS Status
orderid	WBS Order id identifying placement of sibling codes within a hierarchy



# For More Information

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## Where to Get Documentation

Complete documentation libraries for Primavera Gateway releases are available on the Oracle Technology Network (OTN) at:

<http://www.oracle.com/technetwork/documentation/default-1923957.html>

From this location you can either view libraries online or download them to have local copies. We recommend viewing them from OTN to ensure you always access the latest versions, including critical corrections and enhancements.

Primavera Gateway is configured to access its help system on OTN. However, you can also install a local version when you install the software.

The documentation assumes a standard setup of the product, with full access rights to all features and functions.

The following table describes the core documents available for Primavera Gateway and lists the recommended readers by role.

Title	Description
<i>Gateway Help</i>	Describes how to work with Primavera Gateway and provides information to help users accomplish tasks. All users should read the Help.
<i>Gateway Developer's Guide</i>	Provides information on how third-party systems such as enterprise resource management (ERP) and enterprise asset management (EAM) systems can create their own providers in order to integrate with Primavera products. Developers of third-party providers that integrate with Primavera products via Primavera Gateway should read this book.


Title	Description
<i>Gateway Customization Guide</i>	<p>Provides information on how to customize an existing third-party integration.</p> <p>Developers interested in customizing existing third-party providers that integrate with Primavera products via Primavera Gateway should read this book.</p>
<i>Gateway Provider Reference Guide</i>	<p>Provides a list of the business objects available for each supported provider.</p> <p>Developers of third-party providers that integrate with Primavera products via Primavera Gateway should read this book.</p>
<i>EBS Provider Reference Guide</i>	<p>Provides a list of the business objects available for the EBS provider.</p> <p>Developers of third-party providers that integrate with Primavera products via Primavera Gateway should read this book.</p>
<i>VCP Provider Reference Guide</i>	<p>Provides a list of the business objects available for the VCP provider.</p> <p>Developers of third-party providers that integrate with Primavera products via Primavera Gateway should read this book.</p>
<i>Manual Deployment Guide</i>	<p>Provides information on how to manually install and configure Primavera Gateway.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.</p>
<i>Gateway Installation and Configuration Guide</i>	<p>Provides information on how to install and configure Primavera Gateway. Primavera Gateway is a product that facilitates integrations with Primavera products and third-party systems such as enterprise resource management (ERP) and enterprise asset management (EAM) systems.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.</p>
<i>Gateway Upgrade Guide</i>	<p>Provides a sequence of procedures that must be completed to upgrade to a new version of Primavera Gateway.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.</p>

Title	Description
<i>Gateway Performance and Sizing Guide</i>	<p>Provides hardware and software requirements for deploying Primavera Gateway.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.</p>
<i>Gateway Security Guide</i>	<p>Provides guidelines on establishing a highly secure environment for all Primavera Gateway environments.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.</p>
<i>Gateway API Programmer's Guide</i>	<p>Provides instructions on how to access and use Primavera Gateway REST APIs.</p> <p>The Primavera Gateway network administrator/database administrator and Primavera Gateway users having the Gateway Developer role should read this guide.</p>
<i>Connecting with Instantis EnterpriseTrack</i>	<p>Provides instructions on how to setup the integration environment for Oracle Instantis EnterpriseTrack in Primavera Gateway.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.</p>
<i>Connecting Prime and P6 EPPM</i>	<p>Provides instructions on how to setup the integration environment between Oracle Primavera Prime and P6 Enterprise Project Portfolio Management in Primavera Gateway.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.</p>
<i>Connecting Unifier and P6 EPPM</i>	<p>Provides instructions on how to setup the integration environment between Oracle Primavera Unifier and P6 Enterprise Project Portfolio Management in Primavera Gateway.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.</p>
<i>Migrating P6 Data Between Distinct Environments</i>	<p>Provides instructions on how to setup the integration environment between distinct P6 deployments to transfer P6 data in Primavera Gateway.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator should read this guide.</p>

Title	Description
<i>Connecting E-Business Suite</i>	Provides instructions on how to setup the integration environments for Oracle E-Business Suite with P6 Enterprise Project Portfolio Management and Instantis EnterpriseTrack in Primavera Gateway.  The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.
<i>Connecting Value Chain Planning and P6 EPPM</i>	Provides instructions on how to setup the integration environment between Oracle Value Chain Planning and P6 Enterprise Project Portfolio Management in Primavera Gateway.  The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.
<i>Configuring Gateway for Single Sign On</i>	Provides instructions on how to configure Oracle Access Manager (OAM) and then enable Single Sign On for Primavera Gateway.  The Primavera Gateway network administrator/database administrator should read this guide.
<i>Gateway Licensing Information User Manual</i>	Lists licensing information of all third-party software that is used or associated with the Oracle software program.
<i>Tested Configurations</i>	Lists the configurations that have been tested and verified to work with Primavera Gateway.  The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.

### Distributing Information to the Team

You can copy the online documentation to a network drive for access by project participants. Each team member can then view or print those portions that specifically relate to his or her role in the organization.

Throughout this documentation, the Security Guidance icon  helps you to quickly identify security-related content to consider during the installation and configuration process.

### Where to Get Training

To access comprehensive training for all Primavera products, go to:

<http://education.oracle.com>

## Oracle Learning Library

The Oracle Learning Library (OLL) provides online learning content covering Primavera products. Content includes videos, tutorials, articles, demos, step-by-step instructions to accomplish specific tasks, and self-paced interactive learning modules.

To access the learning library's Primavera content, go to:

<http://www.oracle.com/goto/oll>

## Where to Get Support

If you have a question about using Oracle products that you or your network administrator cannot resolve with information in the documentation or help, click <http://support.oracle.com/>. This page provides the latest information on contacting Oracle Global Customer Support, knowledge articles, and the support renewals process. For more information about working with Support, visit <https://support.oracle.com/epmos/faces/DocumentDisplay?id=888813.2> to view Support Tools & Tips.

## Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/us/support/contact-068555.html> or visit <http://www.oracle.com/us/corporate/accessibility/support/index.html> if you are hearing impaired.

## Using Primavera's Support Resource Centers

Primavera's Support Resource Center provides links to important support and product information. Primavera's Product Information Centers (PICs) organize documents found on My Oracle Support (MOS), providing quick access to product and version specific information such as important knowledge documents, Release Value Propositions, and Oracle University training. PICs also offer documentation on Lifetime Management, from planning to installs, upgrades, and maintenance.

Visit <https://support.oracle.com/epmos/faces/DocumentDisplay?id=1486951.1> to access links to all of the current PICs.

PICs also provide access to:

- ▶ **Communities** are moderated by Oracle providing a place for collaboration among industry peers to share best practices.
- ▶ **News** from our development and strategy groups.
- ▶ **Education** contains a list of available Primavera product trainings through Oracle University. The Oracle Advisor Webcast program brings interactive expertise straight to the desktop using Oracle Web Conferencing technology. This capability brings you and Oracle experts together to access information about support services, products, technologies, best practices, and more.

For more information about working with Support, visit <https://support.oracle.com/epmos/faces/DocumentDisplay?id=888813.2>.

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.



# Legal Notices

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## Oracle Primavera Prime Gateway Provider Reference Guide

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