



PRIMAVERA

**P6 Analytics Sample Data Guide
Release 1.1**

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Setting Up the Sample Database, Data, and Dashboards

Included in the **P6Analytics.zip** file is a sample Star database, as well as sample OBI dashboards and requests. These components must be setup and configured. This document explains the process for configuring the P6 Analytics sample database and dashboards.

Restoring the P6 Analytics Sample Database

To restore the P6 Analytics sample database, do the following:

Note: Make sure that the PATH variable includes the path to your ORACLE_HOME/bin directory.

- 1) Copy the sample.expdp file from the following location:

<P6 Analytics download location>\ P6 Analytics\sample\db

Where:

<P6 Analytics download location> is the location of the P6 Reporting Database media on your network.

To:

Any location on your local machine. This location will be used in step 4.

- 2) Create a new Oracle database instance for P6 Reporting Database Sample Data.
- 3) Login to the newly created sample data instance via SQL Plus as SYSTEM, and execute the following DDL statements to create the necessary tablespaces.

Note: You must customize the path for the datafile depending on your installation.

```
create tablespace ods_dat1
datafile '/u01/oradata/orcl/ods_dat1.dbf'
Size 32m
Autoextend on
Extent management local;
```

```
create tablespace star_dat1
datafile '/u01/oradata/orcl/star_dat1.dbf'
Size 32m
Autoextend on
Extent management local;
```

```
create tablespace pmdb_dat1
datafile 'u01/oradata/orcl/pmdb_dat1.dbf' size 700M reuse autoextend on next 200M
default storage (
  initial 100K next 100K
  minextents 1 maxextents 121
  pctincrease 0)
online;
```

```
create tablespace pmdb_ndx1
datafile 'u01/oradata/orcl/pmdb_ndx1.dbf' size 700M reuse autoextend on next 200M
default storage (
  initial 100K next 100K
  minextents 1 maxextents 121
  pctincrease 0)
online;
```

```
create tablespace pmdb_lob1
datafile 'u01/oradata/orcl/pmdb_lob1.dbf' size 700M reuse autoextend on next 200M
default storage (
  initial 100K next 100K
  minextents 1 maxextents 121
  pctincrease 0)
online;
```

- 4) After creating all the tablespaces, run the following SQL statement to create a directory object within the instance for the dump file.

Note: Replace <PATH_TO_DUMP> in the statement with the location you specified in the To section of step 1. Be sure to include the single quotes before and after the path :

```
create directory dmpdir as '<PATH_TO_DUMP>;'
```

- 5) Make sure case sensitivity for the P6 Reporting Database sample database instance is set to false for database logons by running the following command:

```
alter system set sec_case_sensitive_logon=false;
```

- 6) Log out of SQL Plus.
- 7) Import the sample.expdp file using oracle's datapump feature. To import, execute the following command in either a Windows command prompt or a Linux bash prompt.

The **dmpdir** variable is the directory that you created in step 4.

The default Project Management database application user is:

username: admin

password: p6rdb

Setting Up OBI with P6 Analytics Sample Dashboards

To set Up the P6 Analytics sample dashboards, do the following:

- 1) If OBI is currently running, do the following:
 - a. Stop all services (Oracle BI Presentation Server, Oracle BI Java Host, and Oracle BI Server).
 - b. Ensure that the OBI Presentation Server (OC4j_BI by default) is also stopped.

- 2) Copy the **p6analytics** folder from the following location:

<P6 Analytics download location>\P6 Analytics\obi\catalog

To:

<OBI Data Installation location>\web\catalog

Where:

The default <OBI Data Installation location> is c:\OracleBIData on Windows.

- 3) Copy the OraclePrimaveraP6Analytics.rpd file from the following location:

<P6 Analytics download location>\P6 Analytics\obi\RPD

To:

<OBI Installation location>\server\Repository

Where:

The default <OBI Installation location> is c:\OracleBI on Windows.

- 4) Copy the s_oraclep6 and sk_oraclep6 folders from the following location:

<P6 Analytics download location>\P6 Analytics\obi\skin

To: The following two locations:

<OBI Installation location>\web\app\res

<OBI Java Application Server installation Location>\j2ee\home\applications\analytics\analytics\res
folder

Where:

The default <OBI Installation location> is c:\OracleBI on Windows.

The default <OBI Java Application Server installation Location> is C:\OracleBI\oc4j_bi

- 5) Modify the instanceconfig.xml file located in <OBI Data Installation location>\web\config.

Where:

The default <OBI Data Installation location> is c:\OracleBIData on Windows.

ADD or MODIFY Settings Between the <ServerInstance> Tags

ADD or MODIFY the following settings between the <ServerInstance> tags:

- ▶ <DefaultStyle>oraclep6</DefaultStyle>
- ▶ <DefaultSkin>oraclep6</DefaultSkin>
- ▶ <CatalogPath>C:\OracleBIData\web\catalog\P6Analytics</CatalogPath>

Finish the Set Up

To finish the set up, do the following:

- 1) Restart your OBI services in the following order:
 - a. Oracle BI Presentation Server
 - b. Oracle BI Java Host
 - c. Oracle BI Server
- 2) Restart the OBI Presentation Server (OC4J_BI by default).

Run an Incremental Update with the Sample Database

If you need to run an incremental update with the P6 Reporting Database sample database there are two options to ensure that all your code mappings are maintained.

- ▶ **Option 1** requires you to run the `config.cmd` command, and manually enter the codes used.
- ▶ **Option 2** requires you to append items in your `erdb.properties` file.

Option 1: Running the `config.cmd` Command

To use option 1:

- 1) Locate the folder where P6 Reporting Database is installed.
- 2) Run the **`config.cmd`** command (or `config.sh` in a non-Windows environment). You should now see the **Settings** tab on the configuration utility.
- 3) Click on the **Codes** tab.
- 4) Go through the sub tabs (Activity, Project, and Resource), and enter the codes in the following exact order:
 - ▶ Activity codes first
 - ▶ Project codes second
 - ▶ Resource codes last
- 5) When finished entering all codes on all the tabs, click **Finish**.

Option 2: Updating the `erdb.properties` File

To use option 2:

- 1) Edit the **`erdb.properties`** file, which is located in: **<installation path>\p6rdb\res**.
- 2) Copy and paste the following lines to the end of the `erdb.properties` file.

```
code.actv.1.descr=Department
code.actv.1.name=Department
code.actv.1.path=N
code.actv.1.regx=Department
code.actv.1.scope=Global
code.actv.2.descr=Phase
code.actv.2.name=Phase
code.actv.2.path=N
code.actv.2.regx=^Phase
code.actv.2.scope=Global
code.actv.3.descr=Responsibility
code.actv.3.name=Responsibility
code.actv.3.path=N
code.actv.3.regx=^Responsibility
code.actv.3.scope=Global
```

```
code.proj.1.descr=Business Process
code.proj.1.name=Business Process
code.proj.1.path=N
code.proj.1.regx=Business Process
code.proj.10.descr=Project Status
code.proj.10.name=Project Status
code.proj.10.path=N
code.proj.10.regx=Project Status
code.proj.11.descr=Project Type
code.proj.11.name=Project Type
code.proj.11.path=N
code.proj.11.regx=Project Type
code.proj.12.descr=Resource Rating
code.proj.12.name=Resource Rating
code.proj.12.path=N
code.proj.12.regx=Resource Rating
code.proj.13.descr=Risk
code.proj.13.name=Risk
code.proj.13.path=N
code.proj.13.regx=Risk
code.proj.14.descr=Sponsor
code.proj.14.name=Sponsor
code.proj.14.path=N
```

code.proj.l4.regx=Sponsor
code.proj.l5.descr=Stage-Gate Gate
code.proj.l5.name=Stage-Gate Gate
code.proj.l5.path=N
code.proj.l5.regx=Stage-Gate Stage
code.proj.l6.descr=Strategic Objective
code.proj.l6.name=Strategic Objective
code.proj.l6.path=N
code.proj.l6.regx=Strategic Objective
code.proj.l7.descr=Strategic Rating
code.proj.l7.name=Strategic Rating
code.proj.l7.path=N
code.proj.l7.regx=Strategic Rating
code.proj.l8.descr=Technology Rating
code.proj.l8.name=Technology Rating
code.proj.l8.path=N
code.proj.l8.regx=Technology Rating
code.proj.2.descr=Business Segment
code.proj.2.name=Business Segment
code.proj.2.path=N
code.proj.2.regx=Business Segment
code.proj.3.descr=Current Phase
code.proj.3.name=Current Phase
code.proj.3.path=N
code.proj.3.regx=Current Phase
code.proj.4.descr=Financial Rating
code.proj.4.name=Financial Rating
code.proj.4.path=N
code.proj.4.regx=Financial Rating
code.proj.5.descr=IT Investment Class
code.proj.5.name=IT Investment Class
code.proj.5.path=N
code.proj.5.regx=IT Investment Class
code.proj.6.descr=Location
code.proj.6.name=Location
code.proj.6.path=N
code.proj.6.regx=Location
code.proj.7.descr=Priority
code.proj.7.name=Priority

```
code.proj.7.path=N
code.proj.7.regx=Priority
code.proj.8.descr=Product Line
code.proj.8.name=Product Line
code.proj.8.path=N
code.proj.8.regx=Product Line
code.proj.9.descr=Project Manager
code.proj.9.name=Project Manager
code.proj.9.path=N
code.proj.9.regx=Project Manager
```

```
code.rsrc.1.descr=Department
code.rsrc.1.name=Department
code.rsrc.1.path=N
code.rsrc.1.regx=Department
code.rsrc.2.descr=Contractor
code.rsrc.2.name=Contractor
code.rsrc.2.path=N
code.rsrc.2.regx=Contractor
code.rsrc.3.descr=Location
code.rsrc.3.name=Location
code.rsrc.3.path=N
code.rsrc.3.regx=Location
code.rsrc.4.descr=Classification
code.rsrc.4.name=Classification
code.rsrc.4.path=N
code.rsrc.4.regx=Classification
code.rsrc.5.descr=Plant
code.rsrc.5.name=Plant
code.rsrc.5.path=N
code.rsrc.5.regx=Plant
```

- 3) **Save and Close** the erdb.properties file.