

Oracle® Documanage

Documanage Bridge Product Bulletin

version 3.5

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As of April 2009, Skywire Software for Oracle Insurance Global Business Unit is pleased to announce the general availability of Documanage Bridge version 3.5.

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Overview

Bridge 3.5 requires Documanage Server version 6.6 or higher and Dmg_Api 1.4.13 or higher. In conjunction with these versions of the Server and Dmg_Api, it fully supports the increased lengths of Cabinet name, Category name, and Document name that those versions provide.

Documanage Bridge Features & Enhancements

Documanage Bridge 3.5

Reached_Fld_Fetch_Limit

The rules DmgBrsQuery, DmgBrsQueryDocuments, DmgQueryProjects, DmgQueryAllProjectsEx, and DmgGetTaskQueue all output a new attachment variable called REACHED_FLD_FETCH_LIMIT which indicates if the Folder Fetch Limit has been reached. See the descriptions of these rules in the Bridge Rules Reference for details.

Configuring the Bridge for Use with IDS 2 Load Balancing

If you use IDS 2, have load balancing turned on (the default), and have the Bridge option [UserCredentials] Source in dmg_brs.ini set to “Login”, then we recommend that you set the Bridge option [ValidateSession] LogoutUsersOnBridgeRestart in dmg_brs.ini to “OFF”. This will assure that users aren’t asked to log in again if they encounter new IDS instances created by load balancing. In conjunction with this, you may want to set [ValidateSession] UserSessionTimeoutInMinutes in the dmg_brs.ini to a value greater than zero. See “Configuring the Documanage Bridge” in the Documanage Bridge General Reference for more information on setting these options.

Cache_File_Suffix

- An optional attachment variable called **CACHE_FILE_SUFFIX** has been added to the rule DmgBrsReturnConvertedDocument. It allows the same Documanage document converted multiple times to the same type but with different characteristics to be distinguished in the Bridge cache. See the description of this rule in the Bridge Rules Reference for details.
- An option has also been added called **[ReturnConvertedDocument]CacheFileSuffixes**. It configures allowable suffixes for CACHE_FILE_SUFFIX. See “Configuring the Documanage Bridge” in the Bridge General Reference for details.

Bridge Log

New features have been added to limit the size of the Bridge log. See the description of the [Logging] options RotateLogFiles, MaxLogFileSizeInKiloBytes, and MaxSavedLogFiles in “Configuring the Documanage Bridge” in the Bridge General Reference for details.

Deleted Rules

The rules DmgBrsShowVersions and DmgBrcShowVersion have been removed from the Bridge.

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User Impersonation

User Impersonation must be enabled for the Bridge Account's groups or the Bridge will fail to start. See the subsection 'Configuring the Bridge Account' in the section 'Configuring the Bridge to Documanager' in the Documanager Bridge General Reference Guide for more information.

Document Properties for Annotations

The rules DmgBrsQuery, DmgBrsQueryDocuments, DmgBrsDeleteDocument, DmgBrsPresentDocument, and DmgBrsPresentSubDocument no longer automatically output the basic document properties DMG_P_DOCUMENT_ANNOTATIONS_LOCKED, DMG_P_DOCUMENT_ANNOTATIONS_LOCK_USER, DMG_P_DOCUMENT_ANNOTATIONS_LOCK_HOST, and DMG_P_DOCUMENT_ANNOTATIONS_LOCK_TIME when there is no Property Set specified. If your application needs these properties, you must create and use a Property Set that includes these properties, along with any others your application needs. See the Documanager Bridge General Reference Guide for a discussion of Property Sets.

[ValidateSession] ShowGroupAccess

There is a new option called [ValidateSession] ShowGroupAccess that may be set in the Dmg_Brs.ini file. For more information about this option, see the section 'Configuring the Bridge to Documanager' in the Bridge General Reference and the description of the rule DmgBrsValidateSession in the Documanager Bridge Rules Reference Guide.

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New Method for Creating Image PDF Files

The DmgBrsReturnConvertedDocument rule in Documanager Bridge version 3.4 has a new built-in facility for creating image PDF files. You can use this rule as an alternative to using the TPD rules to create image PDF files. The advantages of this built-in facility are...

- *It can convert larger documents containing color than the TPD rules*
- *It is faster in some cases than the TPD rules*
- *PDF files that contain color will generally be smaller than those created with the TPD rules*

There is a new option in dmgb_rs.ini called [ReturnConvertedDocument] UseTPDForImagePDF. If this option is ON, DmgBrsReturnConvertedDocument will set up the TPD rules to do the image PDF conversion, as before. The default for this option is OFF, which causes DmgBrsReturnConvertedDocument to use its built-in image PDF writer. If you are using the built-in image PDF writer, you do not need to have the TPD rules on the rules list that handles document conversions.

Note: If your Documanager Bridge application requires the use of the TPD rules for image PDF conversion because of customizations you are making, then you must set [ReturnConvertedDocument] UseTPDForImagePDF to ON for your application to run under Bridge 3.4 in the same way it ran under Bridge 3.2.

DmgBrsReturnDocumentPage also takes advantage of the built-in image PDF writer to convert individual pages to image PDF. This may be controlled through the option [ReturnDocumentPage] UseTPDForPDF.

On Linux, document files of type JPG or TIF may now be converted to image PDF with DmgBrsReturnConvertedDocument. Previously, all types of image PDF conversion were unavailable on Linux.

Null Values

Documanager Bridge version 3.4 supports inputting and outputting NULL values for database fields. See the topic “NULL Values as Inputs and Outputs” in the General Reference for details.

New Rules

- *The new rules DMGBrsPresentCabinetEx and DmgBrsQueryAllProjectsEx replace the existing rules for DmgBrsPresentCabinet and DmgBrsQueryAllProjects for all new development. The rules DmgBrsPresentCabinet and DmgBrsQueryAllProjects still exist for compatibility with existing bridge applications but are deprecated, are no longer documented, and should not be used for any new development. Nested attachment records are handled differently in the new extended versions of these rules. See the Documanager Bridge Rules Reference for details on the extended rules.*
- *The new rule DmgBrsGetTasks replaces the existing rules DmgBrsGetPendingTasks and DmgBrsGetSuspendedTasks for all new development. The rules DmgBrsGetPendingTasks and DmgBrsGetSuspendedTasks still exist for compatibility with existing Bridge applications but are deprecated, are no longer documented, and should not be used for any new development. See the Documanager Bridge Rules Reference for details on the DmgBrsGetTasks.*
- *The new rule DmgBrsPresentWorkflow presents information about a Workflow Schema. See the Documanager Bridge Rules Reference for details.*
- *There are also new rules for handling Compound Documents. See “**Compound Document Features**” for more information.*

Project History

A project's history is now available via the rule DmgBrsPresentProject. See the Documanage Bridge Rules Reference for details.

DmgRepoman Component is no Longer Used

The component known as Repoman, which found the correct printer resources when images were being rendered from .MET or .AFP files, is no longer in use. Its functionality has been taken over by the main bridge library.

New Annotations Format

The rules DmgBrsCacheAnnotationsFile, DmgBrsReturnAnnotations, and DmgBrsUpdateAnnotations deal with a new annotations format (.axl). All of these rules now require Documanage Server version 6.4 service release 7 or later. With this change, the rules DmgBrsReturnAnnotationsPage and DmgBrsUpdateAnnotationsPage are no longer supported.

Note: If your application uses any of these annotation rules, it will have to be modified to handle .axl annotations, and to avoid the use of DmgBrsReturnAnnotationsPage and DmgBrsUpdateAnnotationsPage.

Categories by Cabinet

The rules DmgBrsPresentCabinet, DmgBrsPresentDocument, DmgBrsPresentCompoundDocument, and DmgBrsPresentSubdocument all output a new attachment record set called CAB_CATEGORIES that lists the legal Categories for Documents in the Cabinet or the Document's Cabinet. See the descriptions of these rules in Documanage Bridge Rules Reference.

Version Query

The rules DmgBrsQuery and DmgBrsQueryDocument accept a new input attachment variable QUERY_VERSIONS to cause all versions, and not just the current version, to be queried. See the descriptions of these rules in the Documanage Bridge Rules Reference.

Diagnostics

The rules DmgBrsInit and DmgBrsIdle now put IDS into Pause mode by default unless some other action (Stop or Restart) is configured in the INI options [DmgDiagnostics] OnFail_Startup or OnFail_Idle respectively. It is no longer required to configure [DmgDiagnostics] StartupDiagnostic when Pause is configured as an OnFail_... action. See the topic Configuring the Documanage Bridge, "[DmgDiagnostics]" in the Documanage Bridge General Reference, and the descriptions of the rules DmgBrsInit, DmgBrsIdle, DmgBrsRunDocumanageDiagnostic and DmgBrsCheckPausedServer in the Documanage Bridge Rules Reference for details.

Compound Document Features

Documanage Bridge 3.4 has new features for handling compound documents. A *compound document* is a Documanage document whose contents file contains other files within it. These other files are called *subdocuments*. The new features allow access to subdocument files and information about subdocuments, and allow compound documents to be converted to image PDF. For more information, see the topic "Compound Documents" in the Documanage Bridge General Reference.

Compound document plug-ins

For a document type to be recognized as a compound document, the Documanager Bridge must be configured with the appropriate Compound Document plug-in. If you do not configure the bridge in this way, then no document will be recognized as compound and the new compound document features will not be active. See the options for CdPlugins in the Documanager Bridge General Reference.

New rules

Documanager Bridge version 3.4 includes three new rules for handling compound documents:

- *The rule DmgBrsPresentCompoundDocument presents information about a compound document, including a list of the subdocuments in it and their characteristics.*
- *The rule DmgBrsPresentSubdocument presents information about a specific subdocument in a compound document.*
- *The rule DmgBrsSetupCompoundDocument allows the construction of a transaction that will return either a file that can be viewed in a browser or, if that is not possible for a particular Compound Document, the results of DmgBrsPresentCompoundDocument.*

Enhanced rules

In Documanager Bridge version 3.4, several existing rules have been extended to handle compound documents. See the Documanager Bridge Rules Reference for complete details about the extensions to each of these rules.

- *DmgBrsCacheContentsFile now caches the subdocument files of a compound document and writes new attachment variables that indicate whether a document is a compound document and, if it is, the number, location in the cache, and characteristics of the subdocument files. This allows other rules, including custom rules, to process the subdocuments.*
- *The rules DmgBrsQuery, DmgBrsQueryDocuments, DmgBrsPresentProject, and DmgBrsQueryDocumentRenditions now indicate in their document lists whether the document is a compound document or not.*
- *The rule DmgBrsPresentDocument now does nothing if a document is a compound document. This allows it to co-exist on a rules list with DmgBrsPresentCompoundDocument so that one rules list can handle the presentation of either kind of document.*
- *The rules DmgBrsPresentDocumentPage, DmgBrsReturnThumbnail, and DmgBrsReturnDocumentPage now each require a new input attachment variable to indicate which subdocument is to be processed if the document is a compound document.*
- *The rules DmgBrsReturnDocument and DmgBrsReturnConvertedDocument can now operate either on a compound document as a whole, or on a subdocument of a compound document if the input attachment variable to indicate the subdocument exists.*

Product Documentation

The following documentation has been prepared for this version of Documanager Bridge version 3.5:

- *General Reference for the Documanager Bridge 3.5*
- *Rules Reference for the Documanager Bridge 3.5*

Product Ordering Instructions

To receive the latest version of Documanage, your organization must:

- *Be a licensed user of Docupresentment/ Documanage Bridge*
- *Be current on Docupresentment/ Documanage Bridge software maintenance fees*