

Documentum Application Installer Installation and Release Notes



**Version 5.3
March 2005**

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Introduction

To ensure that you are using the most recent documentation for the most recent product we recommend that you review the following information.

Obtaining the Most Recent Product Version

To ensure that you install the current version of this product, visit the Documentum Download Center (<https://documentum.subscribenet.com>) and review the product versions available for your platform. For technical support, visit the Documentum Support site (<http://support.documentum.com/Support>).

If you receive error numbers 5227 or 5504 from the Download Center, you will need to register for download access.

To register for download access:

1. Navigate to <https://documentum.subscribenet.com>.
2. Enter your Documentum technical support login name and password.
If you do not know your login name or password you must request access from Documentum technical support by clicking **Request Access**.
3. Once you have logged on to Documentum's technical support Web site, click **Admin Assistance**.
4. In the **Request Type** drop-down list, select **Product Access Request**.
5. Fill out the form and click **Submit**.

Using the Correct Documentation

You should ensure that the documentation you use matches the product version you are installing. Visit the Documentum Download Center (<https://documentum.subscribenet.com>) and review the documentation available for your platform and product version.

Revision History

The following changes to this document have been made:

Table 1-1. Revision History

Date	Description
March 2005	Initial release.

Technical Support

Documentum's technical support services are designed to make your deployment and management of Documentum products as effective as possible. The *Customer Guide to Support Services* provides a thorough explanation of Documentum's support services and policies. You can download this document in PDF form from CustomerNet (<http://customernet.documentum.com/support/customer-guide.htm>)

Overview

You use Documentum® Application Installer to deploy DocApp archives to Docbases. A DocApp encapsulates Docbase-related objects and processes that are specific to a business or department. A DocApp archive is a set of files that the Application Installer uses to install the DocApp; you create an archive from Application Builder. For example, you can use the Application Installer to deploy a customized Web Publisher DocApp to a Docbase.

New Features

Be sure to register for Documentum's Developer Program to gain access to sample code, how-to guides, best practices and other tools developers need to quickly and easily build Documentum-based applications. To register, browse to <http://customernet.documentum.com>, click Login, and follow the instructions.

These new features have been added.

Application Installer

- Java Document Lifecycles – Support installation of Java Document Lifecycles.
- Queue Management – Support installation of user profiles, doc profiles, and work queues.
- Modules – Support installation of modules.

Changed Features

Application Installer

None.

Removed Features

Application Installer

None.

Requirements

This chapter lists the hardware (machine) requirements and software versions supported with this release. Machine resources, non-Documentum software components (Operating System, Java Runtime Environment, and so forth), and other Documentum products determine the unique environment for each Documentum product. [Hardware Requirements, page 11](#) addresses basic machine resource requirements. [Software Requirements, page 12](#) addresses specific software versions that are required for the installation platform. [Cross Product Dependencies, page 13](#) addresses other required Documentum products and third-party products that complete the supported environment.

Application Installer operates on a single desktop environment (see [Table 2–2, page 12](#)).

Hardware Requirements

This section lists nominal machine resources required for product installation and use. Your individual machine requirements will vary depending on factors such as the number of products installed, size of your deployment, number of users, and network latency. The *Documentum System Sizing Guide* provides an in-depth analysis of system sizing requirements for implementation and deployment of Documentum systems. The *DCTM System Sizing Tool* dynamically generates estimates of your hardware resource requirements based on your user and hardware profile.

Desktop Machine Requirements

The following table provides nominal resource requirements for Application Installer on a desktop machine.

Table 2-1. Desktop Machine Requirements

Hard Disk Space	RAM	CPU	Display
90 MB	128 MB	450 Mhz	800x600 at 256 colors minimum. Recommend 1024x768 at 256 colors

Software Requirements

This section provides information on supported software environments.

The tables in this section reflect the specific version(s) of third-party products, upon which the Documentum product depends, that are supported at the time of this release. For information on currently supported environments and future updates, please refer to Product Information System on the Documentum Technical Support web site at <http://support.documentum.com/support/productinfo/dmproductinfo.asp>. Generally, updates (patches, service packs, minor maintenance releases) of products, upon which a Documentum product depends, are supported within 45 days of their release.

Desktop Environment

A desktop environment consists of a specific combination of operating system and Java Runtime Environment. The following table lists the supported desktop environments for Application Installer.

Table 2-2. Desktop Environment

Operating System*	JRE
Windows 2000 SP4 Multilingual	Sun J2SE 1.4.2_05
Windows Server 2003 Standard Edition	Sun J2SE 1.4.2_05
Windows XP SP2 Multilingual	Sun J2SE 1.4.2_05
* The operating systems listed in this table include virtualized versions of the operating system running in any version of VMware Intel-architecture (VMware ESX Server, GSX Server and Workstation).	

Cross Product Dependencies

The following table lists optional and required versions of products that are depended on in order to enable additional features.

You may have to install some of the products listed in [Table 2–3, page 13](#) on separate host or client machines due to differences in the DFC versions included with those products. Before installing a product, check the product's *Installation Guide* for supported installation configurations.

Table 2-3. Cross Product Dependencies

Documentum Products	Third Party Products	Included by Installer
Content Server 5.2.5, 5.2.5 SP1, 5.2.5 SP2, 5.2.5 SP3, 5.3*	<ul style="list-style-type: none"> • Microsoft Office XP SP3 Multilingual • Microsoft Office 2000 SP3 Multilingual • Microsoft Office 2003 SP1 Internet Explorer 6.0 SP1 or higher (to run online Help)	DFC 5.3**

* Interoperability with all other 5.3.x version Documentum client products, while not required to enable full functionality, is supported. Documentum 5.3 products do not support any 4.x version of Content Server.

* Interoperability with all other 5.3.x version Documentum client products, while not required to enable full functionality, is supported.

For information about the supported configurations for products listed in this table, see the *Release Notes* for the product.

** This version of DFC works properly with any Documentum client product with version number 5.2.5 or 5.3, with the exception of the following DFC features, which work only when DFC is accessing Content Server version 5.3:

- Fetching service-based object (SBO) implementations from a repository's global registry (Pre-5.3 Documentum systems do not have global registries.)
- Web Services 5.3

Installation

This section describes the procedure for installing Application Installer.

Installation Contents

The installer for the Application Installer installs these programs and files:

- Application Installer 5.3
- Documentum Foundation Classes (DFC) 5.3
- Help files for Application Installer

Application Installer includes this documentation:

- *Documentum Application Installer Installation and Release Notes*

Installing Application Installer

On Windows XP Professional MultiLanguage version SP2, if your display uses an NVIDIA adapter with an outdated driver, installation might fail. Go to the NVIDIA website to ensure that your driver is up to date.

To install Application Installer:

1. You must perform one of these actions when you have Documentum 4.x or earlier products:
 - Uninstall all Documentum 4.x or earlier version products on the machine and then install Application Installer.
 - Upgrade all Documentum products on the machine to version 5.1 or later and then install Application Installer.
2. If you have a previous version of Application Builder installed, then uninstall it.

Note: The version of Application Builder must be the same as that of Application Installer when they are installed on the same machine.

3. Reboot your computer and make sure that you login with a user account that has administrative privileges on your computer.
4. Perform one of these actions:
 - a. Download the Application_Installer_5.3_windows.exe file from Documentum's download site, unzip it, and from the directory in which you unzipped Application Installer, run setup.exe.
Instructions should already have been emailed to you regarding how to download products from Documentum's download site.
 - b. Run setup.exe from the Application Installer product directory on the CD.
5. Follow the installation instructions.

Notes:

- If you have a dmcl.ini file, Application Installer asks if you wish to overwrite it. There is usually no reason to do so. If your dmcl.ini file works with your current configuration, it will work with Application Installer as well.
- On Windows NT, at the end of the installation, the installer does not automatically reboot your machine—you must manually reboot.

Starting Application Installer

Before installing a DocApp archive, make sure to prepare the target Docbase. For more information, see the "Preparing the Target Docbase" topic in the Application Installer online help.

To start Application Installer, choose Start > Programs > Documentum > Application Installer. For more information about installing a DocApp archive, see the "How to Use" topic in the Application Installer online help.

Known Bugs

This chapter describes tier 1 bugs in Documentum software that may affect your use of the product. The numbers in parentheses refer to the Documentum defect tracking system. To view other bugs open against Application Installer, go to the Documentum Support Website.

Unclear "Transaction Invalid Due to Errors" Error Displayed When Installing DocApp (97515)

Unclear "Transaction Invalid Due to Errors" error is displayed when installing a DocApp with a workflow that specifies an object type that does not exist in the target Docbase.

Objects with custom time attribute will lose the values after they are archived and installed on a target docbase (83788)

Objects with custom time attribute will lose the values after they are archived and installed on a target docbase.

This becomes a problem when there are many objects in the docapp and each has its own value. It is not possible to fix this via Documentum Query Language (DQL) because each object would have different values.

Limitations

This section describes limits on the usability of current functionality. The limitations may be part of the product design or may result from issues with associated third-party products.

Application Installer

- [After Uninstalling Desktop 5.2.5 SP3, DAB and DAI 5.x No Longer Run, page 19](#)
- [DocApp Installation Fails on Validated DLC With Validation Procedure, page 20](#)
- [After Uninstalling Desktop 5.2.5 SP2, DAB and DAI 5.x No Longer Run, page 20](#)
- [After Uninstalling Desktop 5.2.5, DAB and DAI 5.x No Longer Run, page 20](#)
- [Folder Names in Japanese or Korean Characters Are Not Displayed Correctly, page 21](#)
- [Multiple Versions and Objects with the Same Name, page 21](#)
- [Archiving DocApps Containing Workflows, page 21](#)
- [Installing Workflow Templates, page 22](#)

After Uninstalling Desktop 5.2.5 SP3, DAB and DAI 5.x No Longer Run

If you uninstall Desktop 5.2.5 SP3, components that are shared with DAB and DAI 5.x are also uninstalled and DAB and DAI 5.x will no longer run. To fix this problem, you must reinstall DAB or DAI 5.x.

DocApp Installation Fails on Validated DLC With Validation Procedure

The installation of a DocApp that includes a validated document lifecycle with a validation procedure fails.

To fix this issue:

1. Open the DocApp and change the status of the document lifecycle that has the validation procedure to the Draft state by making a change to the document lifecycle, checking it in, checking it out, reversing the change, and checking it back in.
2. Rearchive the DocApp and reinstall the DocApp archive.
3. Validate the document lifecycle in the target Docbase.

After Uninstalling Desktop 5.2.5 SP2, DAB and DAI 5.x No Longer Run

If you uninstall Desktop 5.2.5 SP2, components that are shared with DAB and DAI 5.x are also uninstalled and DAB and DAI 5.x will no longer run. To fix this problem, you must reinstall DAB or DAI 5.x.

After Uninstalling Desktop 5.2.5, DAB and DAI 5.x No Longer Run

If you uninstall Desktop 5.2.5, components that are shared with DAB and DAI 5.x are also uninstalled and DAB and DAI 5.x will no longer run. This situation occurs because Desktop 5.2.5 uses an installation mechanism that is different from DAB and DAI 5.x. To fix this problem, you must reinstall DAB or DAI 5.x.

Conversely, if you uninstall DAB or DAI 5.x, Desktop 5.2.5 will no longer work. To fix this problem, you must reinstall Desktop 5.2.5.

This issue has been fixed in Desktop 5.2.5 SP1.

Folder Names in Japanese or Korean Characters Are Not Displayed Correctly

When you browse for a DocApp archive or attempt to change the location of the archive log file, folder names in Japanese or Korean characters do not display correctly and you cannot navigate into those folders. You must place the DocApp archive files in a path in which the folder names consist of ASCII characters only.

Multiple Versions and Objects with the Same Name

Application Builder enables you to include more than one version of an object in the DocApp in the development Docbase. It includes only the most recent version, however, in DocApp archives, so that is the only version that appears in the target Docbase.

If the object instances have identical names and are installed to the same location but are of different types or different language_code attribute values, then Application Installer considers them to be different object instances (not duplicates) and installs them as separate object instances.

Archiving DocApps Containing Workflows

You can import any workflow into a DocApp. If an imported workflow refers in one of its packages to an object type that is not part of the DocApp, Application Builder does not include that object type when it builds an archive of the DocApp.

If you subsequently install the DocApp into a Docbase that does not contain the object type that the workflow refers to, the workflow cannot function properly.

Workaround: Import into the DocApp all types that an imported workflow refers to in its packages.

Installing Workflow Templates

In order to install a DocApp that contains a workflow template into a Docbase that already contains a workflow template of the same name, the workflow template must be in the Installed state in the development Docbase.

Technical Notes

This section provides configuration and usability notes for current product features.

Application Installer

- [Deploying DocApps Created by Previous Versions of Application Builder, page 23](#)
- [DocApp Archive Compatibility, page 23](#)
- [Setting Up Application Installer Command-line on Solaris, page 24](#)

Deploying DocApps Created by Previous Versions of Application Builder

You can use Application Installer 5.2.5 SP1 to install a DocApp archive created by Application Builder 4.2.x or higher. However, because of incompatible DocApp archive formats, you cannot use Application Installer 5.2.5 SP1 to install DocApp archives that were created using Application Builder 4.1.x or lower; instead, you must upgrade the Docbase in which the corresponding DocApp resides to at least version 4.2.x, use Application Builder 5.2.5 SP1 to recreate the DocApp archive, and use Application Installer 5.2.5 SP1 to install the DocApp archive.

DocApp Archive Compatibility

For 4.2.x Documentum Servers and above, you can use DAI 5.2.5 SP1 to install a DocApp archive that was created from a DocApp installed on an older Documentum server to a newer one as well as from a newer Documentum server to an older one.

Setting Up Application Installer Command-line on Solaris

To run Application Installer from the command-line on Solaris, you must have access to a Solaris installation of Content Server 5.x. Documentum recommends that you install one of these Documentum Servers on your machine to run Application Installer from the command-line. If you have one of these Documentum Servers installed on your machine, then copy the dds.jar and dart.jar files from your Application Installer Windows installation to your Solaris machine in one of the paths specified in the classpath.

However, if you do not choose to install one of these Documentum Servers on your machine, you must follow these steps:

1. Install DFC 5.2.x. See the DFC 5.2.x *Installation Guide and Release Notes*.
2. Copy the dds.jar and dart.jar files from your Application Installer Windows installation to your Solaris machine in one of the paths specified in the classpath.

If you are installing a DocApp archive to a Documentum Server on a different machine, you can copy the iapi and idql files from a Documentum server to your Solaris machine to test your connection to that Documentum Server.

To learn how to run the Application Installer from the command-line, use the syntax described for the Java command in the Application Installer online help.

Troubleshooting

These topics are described:

- [DAI Cannot Log Into a Docbase on Windows XP, page 25](#)

DAI Cannot Log Into a Docbase on Windows XP

On Windows XP, if you cannot log into a Docbase from DAI, you can fix this problem by modifying the registry.

To fix this problem, modify the registry as follows:

1. Choose Start > Run and enter `regedt32`.
2. Navigate to this registry key string:
`HKEY_LOCAL_MACHINE\Software\Documentum\Components\DJCB\Trace`
3. Double-click the Trace string in the right pane, change the `F` in the Value data field to `T`, and click OK.
4. To exit the registry editor, choose File > Exit.
5. To run Application Installer, choose Start > All Programs > Documentum > Application Installer and log into a Docbase.
6. Open the registry again and change the registry key in [Step 2](#) back to `F`.

Online Documentation and Bug Lists

Documentum provides product documentation and a list of customer-reported bugs online through the CustomerNet and Download Center Web sites. You must have a software support agreement to log in and access product documentation and fixed bugs lists.

Obtaining Product Documentation

Log in to CustomerNet (<http://customernet.documentum.com/support/>) to download product documentation, order printed documentation, or participate in the technical publications customer survey. Click the **Product Documentation** tab or navigate to **Search Support** → **Documentation**.

To order printed documentation from Documentum's Download Center (<https://documentum.subscribenet.com/control/dctm/login>), log in and navigate to **Support Products** → **Printed Documentation**.

You must have a software support agreement to log in and access product documentation.

If the documentation you are looking for is not available in printed form from either of the above sites, you can purchase it from Nexstra (email: support@nexstra.com, phone: 866-568-0650).

Viewing Fixed Bug Lists

Documentum makes information about customer-reported bugs available at the Tech Support Web site (<http://support.documentum.com/login/login.htm>). You can view the status of specific bugs or lists of fixed bugs for specific releases. Within two weeks of a release we post the list of fixed bugs for that release. Log in to the Tech Support Web site (<http://support.documentum.com/login/login.htm>) and navigate to **Search Support**→**Bugs and Feature Requests**. On the search page click the **Show Fixed Bugs**

Lists link. You must have a software support agreement to log in and access the fixed bugs lists.