

Prizm Content Connect for Documentum Installation Guide for Linux

Version 7.0

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(<http://www.jdom.org/docs/faq.html#a0030>)

JRE 1.6.0.35 (<http://java.sun.com/products/archive/j2se/6u35/index.html>)

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Download: <http://katana.ooninja.com/f/software/odf-converter-integrator-0.2.3-1.i386.rpm>

License: BSD-like license (<install directory>/licenses/OdfConverter/license.txt)

Implementation/Integration: This open source product has not been recompiled and a call to binary file (OdfConverter) is directly made from the code, keeping the binaries totally separate from the Prizm Source Code.

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Download:

http://sourceforge.net/projects/portableapps/files/OpenOffice.org%20Portable/OpenOffice.org%20Portable%203.0/OpenOffice.org_Portable_3.0_en-us.paf.exe/download

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Implementation/Integration: This open source product has not been recompiled and a call to binary file is directly made from the code, keeping the binaries totally separate from the Prizm Source Code.

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Publisher: The Document Foundation & PortableApps.com (John T. Haller)

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Downloads:
http://portableapps.com/bouncer?t=http%3A%2F%2Fdownload.documentfoundation.org%2Flibreoffice%2Fportable%2F4.0.1%2FLibreOfficePortable_4.0.1_MultilingualAll.paf.exe

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JavaBeans Activation Framework
(<http://www.oracle.com/technetwork/java/javase/downloads/index-135046.html>)
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SWF Tools (<http://www.swftools.org>)
Source: <install directory>/src/SWFTools/0.9.0/
Source: <install directory>/src/SWFTools/0.9.1/

License (GPL v2): <install directory>/licenses/SWF Tools/COPYING
Implementation/Integration: This open source product has not been recompiled and a call to binary file is directly made from the code, keeping the binaries totally separate from the Prizm Source Code.

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jQuery Patch (<http://www.zachstronaut.com/posts/2009/08/07/jquery-animate-css-rotate-scale.html>)
2009-2010 Zachary Johnson www.zachstronaut.com
Download: <https://github.com/zachstronaut/jquery-animate-css-rotate-scale/>
License: MIT (<https://github.com/zachstronaut/jquery-animate-css-rotate-scale/blob/master/README>)

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The Linux Server component of the Program also uses the following software, installed separately:

ImageMagick (<http://www.imagemagick.org>)

OpenOffice.org (<http://www.openoffice.org/>)

2 Preface

This document describes how to install Prizm Content Connect Plus integration with Documentum on Linux.

2.1 *Intended Audience*

This manual is intended for IT developers and administrators. Some familiarity with Java, JavaScript, Documentum, and Linux is expected.

3 Revision History

The following changes have been made to this document.

Revision History	Revision Date	Description
Oct 2011		Updated for version 4.6.3
Feb 2012		Updated for version 5.0
May 2012		Updated for version 5.1
October 2012		Updated for version 6.0
March 2013		Updated for version 7.0

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4 Introduction

Prizm Content Connect is a web-based online document viewer that can be embedded into any web page or web application. It is fast and fully customizable, and enables conversion of virtually any type of document (including Microsoft Word, or Excel, or PowerPoint document) to an Adobe ® Flash ® file (.swf). This file can be shared with other users who do not have the default viewing applications installed on their machines. These files can also be published over the web and accessed from anywhere in the world, or viewed with Adobe ® Flash ® Player across various platforms. The formatting, graphics, fonts, special characters, and colors of source documents are retained, regardless of the application used to create the original document.

4.1 Specifications: Server

4.1.1 Supported Operating Systems

The operating systems listed here have been tested with Prizm Content Connect Plus Server and are officially supported:

- BSD 6.3 +
- BSD 6.3 x64 +
- CentOS 4.7 +
- CentOS 4.7 x64 +
- Debian 4.0 +
- Debian 4.0 x64 +
- Fedora Core 5 +
- Fedora Core 5 x64 +
- Redhat Enterprise Linux 4.7 +
- Redhat Enterprise Linux 4.7 x64 +
- SUSE Linux Enterprise Server 10 +
- Ubuntu 6 +
- Ubuntu 6 x64 +

4.1.2 System Requirements

- Minimum 2GB RAM (Recommended 4GB+ RAM)
- 450 MB of free disk space
- Internet Explorer 5+ or Mozilla Firefox 2+

4.2 Specifications: Client

Prizm Content Connect is compatible with any JavaScript-enabled modern browser with Adobe Flash 9.0+ Plug-in (minimum) installed.

5 Installation of Prizm Content Connect

Installation of Prizm Content Connect is a prerequisite for installing the PCC Documentum Edition integration components, and the installation process is very straightforward for the Linux environment. Please complete the setup instructions the PCC Linux Installation Guide before installing the Documentum integration components as specified in this document.

6 Installation of Documentum Integration Components

This chapter describes the process of installing the Prizm Content Connect for Documentum integration components.

6.1 Assumptions

The chapter assumes following:

- You have installed Prizm on same server as Documentum
- You have installed Prizm following the Install Guide Steps. Make a note of the location where you installed Prizm, later this location will be referred to as <prizm_install_path>.
- You installed Documentum to /root/dctm/
- You have some sample documents in Documentum Repository

6.2 Deploying on JBoss

- 1) Add the DOCUMENTUM CONFIG folder to the PATH environment for the account that will launch the Documentum Server.

Eg: Add `/root/dctm/shared/config` to `PATH` in the `.bash_profile` for the root user.

- 2) Append DOCUMENTUM CONFIG folder to the JBOSS class path in `run.sh` file in `/root/dctm/shared/jboss4.3.0/bin`

Eg:

```
JBOSS_CLASSPATH=/root/dctm/shared/config
if [ "x$JBOSS_CLASSPATH" = "x" ]; then
```

...

- 3) Download the Documentum project files from your product registration email and unzip them
 - a. Change the working directory to `/root/dctm/shared/jboss4.3.0/server/DctmServer_MethodServer/deploy/webtop.war` folder
 - b. Copy the <zip contents>/adeptol folder to `webtop.war/adeptol`.
 - c. Copy <zip contents>/custom/app.xml to `webtop.war/custom/app.xml`. If there is an app.xml already there, replace it.
 - d. Copy <zip contents>/WEB-INF/lib/adeptol_classes.jar to `webtop.war/WEB-INF/lib/adeptol_classes.jar`.
 - e. Copy <prizm_install_path>/ViewerEnterpriseAnnotation.swf to `webtop.war/adeptol/jsp/ajaxviewer/ViewerEnterpriseAnnotation.swf`
- 4) If you installed Prizm in a location other than `/usr/share/prizm`, you will need to update the `webtop.war/adeptol/config/component/document_view_component.xml`. Within this

document update the value of the "installLocation" node to reflect the location that you installed Prizm.

- 5) Create and configure a folder for storing markup and temp/cached files.

The default location that the Documentum project files look for is /tmp/accusoft/tempcache, however you may choose another location if you prefer.

After you create this folder, set permissions to allow reading and writing by the JBOSS server, and to allow reading by Prizm Content Connect. Note, a quick way to ensure you have the correct permissions for the folder is to give all users read and write access to these folders, however this is not the recommended practice for a production environment.

Last, update the values of the xml nodes "documentLocation" and "targetDocumentLocation" in webtop.war/adeptol/config/component/document_view_component.xml. The value of these nodes should reflect the directory you created for storing the markup and temp/cache files.

- 6) Restart the JBOSS server
- 7) Open the webtop url and test the application

<http://localhost:9080/webtop>

7 Configuration

This chapter contains information regarding configuring the PCC Documentum Edition product.

7.1 File Associations

PCC Documentum Edition is able to recognize many common file formats like Microsoft Office and PDF, and those files can be opened in the Viewer with no issues. However for some file formats, an association in Documentum may need to be set. This section describes how to set that association.

Associating new file types in Documentum:

- 1) Login in to Documentum Administrator and check the formats object, when the format object exists for the dos extension of the file that needs to be displayed in viewer.

If that file format object is not found, execute this DQL

```
CREATE dm_format object
set name='doc'
set description='Microsoft Word 97/2000/XP'
set dos_extension='.doc'
```

where name = name of the format object

description = product name or description like "Open office document" etc

dos_extension = dos_extension of the file (e.g for open office it will be like .odt)

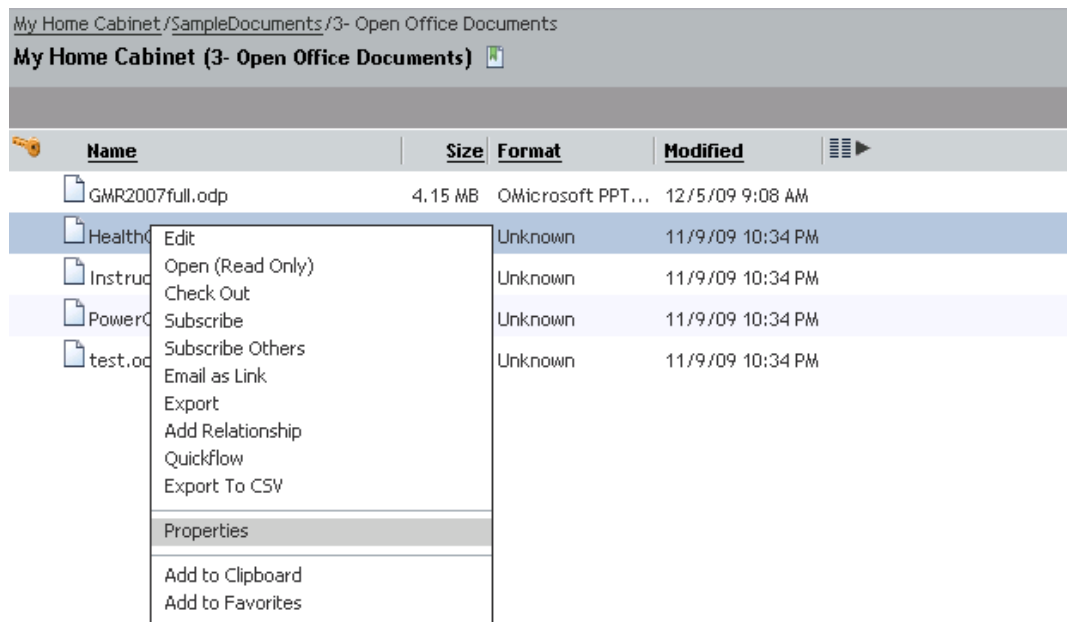
- 2) For new file types, in the Webtop war file, extract/ UNZIP the war file and navigate to / adeptol / app.xml
Open the app.xml and make sure that an entry exist for the new format, so for open office a entry should exist like

```
<adeptol_supported_formats>
  <format name='html' description='HTML Document' dos_extension='.htm' />
  <format name='cpp' description='C C++' dos_extension='.cpp' />
  <format name='odt' description='Open Document Text' dos_extension='.odt' />
  <format name='ott' description='Open Document Text' dos_extension='.ott' />
```

If the file format is not there, simply add a new line for that and repeat step 1.

Associating existing file types in Documentum:

- 1) Log in to Documentum Administrator
- 2) Right click on the file and click on properties



- 3) Click on **Show all properties** checkbox to see all document properties
- 4) Change the Format with the file extension

Effective Label: [Edit](#)

Expiration Date: [Edit](#)

Extended Properties: [Edit](#)

Format:

Frozen: F

Frozen Assembly Count: 0

Full Content Size: 280058

7.2 Enabling Annotations

This process is different from versions of PCC Documentum Edition prior to version 6.0.

Annotations are enabled through your PCC license. When you install a PCC license that enables annotations, the viewer will automatically have annotations enabled.