

Oracle Report Parser Installation Guide
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Oracle Report Parser Installation Guide, 10g Release 3 (10.1.3.3.0)
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INTRODUCTION

OVERVIEW

This section covers the following Topics:

- ❖ [Product Background](#) (page 1-1)
- ❖ [Pre-Installation Tasks and Considerations](#) (page 1-2)

PRODUCT BACKGROUND

Report Parser is an Oracle Content Server component that parses ASCII reports, which may come from a mainframe or report generator, into formatted files of these types:

- ❖ Text
- ❖ PDF
- ❖ HTML
- ❖ XML

A report also can be passed through as a native file without any reformatting.

PRE-INSTALLATION TASKS AND CONSIDERATIONS

Before starting the installation tasks, the following pre-installation tasks and considerations should be taken into account:

- ❖ Ensure that Oracle Content Server version 7.1.1, 7.5, or 7.5.x is installed on the target computer where you will be installing the Report Parser component. Backwards-compatibility with previous versions of Oracle Content Server is not guaranteed, and technical support is available only when the current version of the component is installed in the current version of Content Server.
- ❖ If you have master and proxy instances of Oracle Content Server installed and you intend to run Report Parser on the proxied server, it is necessary to install Report Parser on both the master and proxied servers. However, it is not necessary to enable Report Parser on the master server if Report Parser will only be run on the proxied server.
- ❖ If the Watch directory that will contain input reports is to be populated automatically, ensure that a network connection can be established between the mainframe or report generator and the machine where Report Parser is installed.

INSTALLATION

OVERVIEW

This section covers the following topics:

- ❖ [Installing Report Parser](#) (page 2-1)
- ❖ [Uninstalling Report Parser](#) (page 2-2)

INSTALLING REPORT PARSER

This section includes step-by-step instructions for installing Report Parser.

1. Insert the Oracle Report Parser Report Parser CD.
2. Log in to the Content Server as a user with an admin role.
3. Start Component Wizard by selecting **Start—Programs—Stellent Content Server—<instance_name>—Tools—Component Wizard**.

The Component Wizard main screen and the Component List screen are displayed.

4. On the Component List screen, click **Install**.

The Install screen is displayed.

5. Click **Select**. Navigate to the Report Parser zip file, and select it.
6. Click **Open**. The zip file contents are added to the Install screen list.

7. Click **OK**.

A message screen is displayed, prompting you to enable the component and restart Content Server.

Click **Yes**.

8. Restart Content Server a second time to fully activate Report Parser.

UNINSTALLING REPORT PARSER

This section includes step-by-step instructions for uninstalling Report Parser.

1. Start Component Wizard by selecting **Start—Programs—Stellent Content Server—<instance>—Tools—Component Wizard**.

The Component Wizard main screen and the Component List screen are displayed.

2. In the Component List screen, select the Report Parser component.
3. Click **Disable**.

The Report Parser status changes to Disabled.

4. Restart Content Server.
5. Open the Component Wizard again.

6. Click **Uninstall**.

The Uninstall Confirmation screen is displayed.

7. Click **Yes** to uninstall the component.

The Uninstall screen is displayed, and specific component files are uninstalled from the Content Server file system.

8. Next:

- Click **OK** to restart the IDC Content Service for the Content Server instance.
- Click **Cancel** to continue the uninstall without restarting the IDC Content Service.

9. If you did not restart the Content Service in step 8, complete the uninstall by stopping and restarting the Content Server.

POST-INSTALLATION TASKS AND CONSIDERATIONS

OVERVIEW

This section covers the following topics:

- ❖ [Verifying Installation](#) (page 3-1)
- ❖ [Changing Blueprint Directory](#) (page 3-4)
- ❖ [Changing Watch Directory](#) (page 3-4)
- ❖ [Working with Old Blueprints](#) (page 3-5)

VERIFYING INSTALLATION

To verify that Report Parser is installed successfully, complete the following tasks:

- ❖ [Add/Confirm Content Type ADENG](#) (page 3-2)
- ❖ [Set Up Input File](#) (page 3-2)
- ❖ [Run the Test Blueprint](#) (page 3-3)

Add/Confirm Content Type ADENG

To verify installation of Content Server, the **ADENG** Content Type must be set up in Content Server.



Note: The ADENG type is set up automatically (along with several other types) when Content Server is initially installed, but if this is not a new installation of Content Server, ADENG may have been deleted at some point.

Use the following procedure to verify (and if necessary, create) ADENG as a content type.

1. Log into Content Server with administrative rights.
2. In Content Server, navigate to Administration page.
3. Click **Configuration Manager** link.

The Configuration Manager screen is displayed.

4. On the Content Types tab, check that ADENG [Acme Engineering Department] is displayed as an available Type. If not displayed, add the Type using the following steps:
 - a. Click **Add**.
 - b. Enter **ADENG** in the Name field.
 - c. Enter Acme Engineering in the Description field, or leave blank.
 - d. Select `adeng.gif` from the list of available GIF files. (If `adeng.gif` is not available, choose any other GIF file.)
5. Close the Configuration Manager screen.

Set Up Input File

1. In the file system where Content Server is installed, navigate to:
`<install_dir>/custom/reportparser/data/Input/`
2. Ensure that the directory contains the file `installTest.txt` (and no other files).
 - If the directory contains the file, go to the task *Run the Test Blueprint*.
 - If the directory does not contain the file, continue with the next step.
3. In the file system where Content Server is installed, navigate to:
`<install_dir>/custom/reportparser/tutorial/tutorial_input_reports/`

4. Copy the file *installTest.txt* and move it to:
`<install_dir>/custom/reportparser/data/Input/`
 Make sure that:
 - You place the file in the `/Input/` directory.
 - There are no other files in the directory.

Run the Test Blueprint

Run the test blueprint to verify that Report Parser is installed correctly.



Note: Installation of Report Parser can be verified using the steps that follow only if ADENG has been set up as a Content Type.

1. In Content Server, navigate to Administration page.
2. Click Report Parser icon. (You may need to scroll down the page to see it.)
 The Blueprint Manager screen is displayed.
3. On the Blueprint Manager screen, click the **installTest** blueprint to highlight it.
4. From Run menu, click **Run Now**.
5. Switch to Content Server, leaving the Blueprint Manager screen open.
6. Search Content Server for content items.
 - a. Navigate to a search page.
 - b. In the Title field, enter Report Parser.
 - c. Click Search (or press Enter).

The search results page should display information similar to the following figure:

Search Results Found 3 items matching the query.				
ID	Title	Date	Author	Actions
RP_InstallTest_00003	Report Parser: The Pursuit of Excellence	12/3/03	sysadmin	
RP_InstallTest_00002	Report Parser: A Rewarding Parsetime	12/3/03	sysadmin	
RP_InstallTest_00001	Report Parser: Imagine the Parserilities	12/3/03	sysadmin	

7. You may view each content item by clicking its ID link (for example, [RP_InstallTest_00001](#)). (After viewing each document, use your browser's Back button to return to the search results page.) The following list describes the documents that Report Parser has checked into Content Server.

- Content item RP_InstallTest_00001 is a three-page PDF file.
 - Content item RP_InstallTest_00002 is a one-page PDF file.
 - Content item RP_InstallTest_00003 is a two-page PDF file.
 - Each page has blue header lines and green body lines.
8. Delete the content items from the Content Server repository.

CHANGING BLUEPRINT DIRECTORY

By default, the Report Parser Blueprint Manager is configured to look for existing blueprints and store newly-created blueprints in the following directory:

```
<install_dir>/custom/reportparser/data/Blueprints/
```

To change the Blueprints directory, edit the Report Parser configuration file as follows:

1. Navigate to the following directory:

```
<install_dir>/custom/reportparser/resources/
```

2. Open the *rp.cfg* file using a text editor.
3. On the line beginning with `RpBlueprintDirectory=`, change the directory path to specify a different existing directory.
4. Save and close the file *rp.cfg*.

CHANGING WATCH DIRECTORY

By default, the Report Parser Blueprint Manager is configured to look for input reports (from the mainframe or report generator) in the following directory:

```
<install_dir>/custom/reportparser/data/Input/
```

To change the root Watch directory, edit the Report Parser configuration file as follows:

1. Navigate to the following directory:

```
<install_dir>/custom/reportparser/resources/
```

2. Open the *rp.cfg* file using a text editor.
3. On the line beginning with `RpWatchDirectoryRoots=`, change the directory path to specify a different existing directory.



Note: The value of `RpWatchDirectoryRoots` consists of one or more absolute pathnames of directories, separated by semicolons. For example,
`RpWatchDirectoryRoots=C:\firstRoot;C:\secondRoot`



Note: This configuration entry is used only to specify the root Watch directory. Additional Watch directories can be created in the file system. Any sub-directory of a root directory will be a valid Watch directory that can be specified for a blueprint set up in Report Parser.

WORKING WITH OLD BLUEPRINTS



Important: Report Parser *Blueprints* replace Report Site *Profiles*; however, Report Parser 7.0 cannot accept Profiles as input. Also, Report Parser 7.0 cannot use blueprints authored in versions of Report Parser older than 6.2; however, you can open blueprints and resave them in version 6.2 or 7.0.

Update your blueprints from a previous version by validating them. It is likely that you will need to perform these tasks:

- ❖ Identify Field Info for your parsed reports to use in Oracle Content Server. It is important that users be able to find the parsed reports that they need. You will probably need to add a Content ID field unless you have configured Oracle Content Server to automatically assign Content IDs on checkin. This configuration is done using Content Server's System Properties utility.
- ❖ Adjust your input directory in the “Find Reports in” field on the Scheduling/Indexing tab.
- ❖ Adjust your margin settings, located on the Primary File Format tab. If the values in inches seem too high, it may be because the old value is presented in points. Fix these by dividing by 72, which converts the old value (in points) to the equivalent value in inches (72 points per inch).



CONFIGURATION SETTINGS

OVERVIEW

This section covers the following topics:

- ❖ [Log File Processing](#) (page A-1)
- ❖ [Report Parser Configuration Settings](#) (page A-2)

LOG FILE PROCESSING

Configuration variables can be used to control what is done with the Report Parser log files after a report is parsed. Optionally, log files can be automatically checked in after the parsing operation is completed. If you choose to check in the log files, then Report Parser can be further configured to take actions on those logs.

For example, you can create a content type to use when the Report Parser logs of a failed parsing operation are checked in. Similarly, you can create another content type to use when the Report Parser logs of a successful parsing operation are checked in. In both cases, you can arrange to be notified of either event (possibly including links to the applicable log files). To do this, you just subscribe to the content type that is used for the successful or failed parsing operations.

To use the log file processing features, the applicable configuration variables must be entered into the rp.cfg file. Refer to [Setting Report Parser Configuration Variables](#) (page A-4).



Note: Some of the configuration variables may need to have custom information fields created. These fields must have a default values. Therefore, if you add a required content information field to the system, you must also assign a default value for that field.

REPORT PARSER CONFIGURATION SETTINGS

This section covers the following topics:

- ❖ [RpLogsFailureType](#) (page A-2)
- ❖ [RpLogsSuccessType](#) (page A-3)
- ❖ [RpLogsGroup](#) (page A-3)
- ❖ [RpLogsAuthor](#) (page A-3)
- ❖ [RpSaveInputFileOnSuccess](#) (page A-3)
- ❖ [RpSchedulerLog](#) (page A-4)
- ❖ [RpIntradocLogin](#) (page A-4)
- ❖ [Setting Report Parser Configuration Variables](#) (page A-4)

RpCheckInLogs

Because the security group used for Report Parser logs is configurable, you can allow business users to subscribe to these logs. RpCheckInLogs enables this functionality.

- ❖ `RpCheckInLogs=true` configures Report Parser to check logs into Report Parser.
- ❖ `RpCheckInLogs=false` configures Report Parser so that logs are not checked into Report Parser. This is the default setting.

RpLogsFailureType

Use `RpLogsFailureType` to establish the content type that Report Parser will use to check in logs when the parsing operation fails.

- ❖ `RpLogsFailureType=<custom_content_type>`



Note: You must manually add a content type option that matches the value used in this configuration variable.

RpLogsSuccessType

Use `RpLogsSuccessType` to establish the content type that Report Parser will use to check in logs when the parsing operation succeeds.

❖ `RpLogsSuccessType=<custom_content_type>`



Note: You must manually add a content type option that matches the value used in this configuration variable.

RpLogsGroup

Use `RpLogsGroup` to establish the content security group that Report Parser will use to check in logs when the parsing operation succeeds.

❖ `RpLogsGroup=<custom_security_group>`



Note: You must manually add a content security group option that matches the value used in this configuration variable.

RpLogsAuthor

Use `RpLogsAuthor` to establish the Author (contribution user) that Report Parser will use to check in logs when the parsing operation succeeds.

❖ `RpLogsAuthor=<custom_author>`



Note: You must manually add an author (contribution user) option that matches the value used in this configuration variable.

RpSaveInputFileOnSuccess

Use `RpSaveInputFileOnSuccess` to ensure that Report Parser deletes the input report file if the parsing operation is successful.

❖ `RpSaveInputFileOnSuccess=true` enables Report Parser to save the input report file even if the parsing operation is successful. This is the default setting.

❖ `RpSaveInputFileOnSuccess=false` enables Report Parser to delete the input report file after a successful parsing operation.

RpSchedulerLog

The Report Parser Scheduler writes to a log file when a report is parsed. Use RpSchedulerLog to set the location of this log file.

❖ RpSchedulerLog=c:/intradoc75/custom/reportparser//schedulerlog.txt

RpIntradocLogin

Use RpIntradocLogin with the following userid to enable Report Parser to check parsed reports into Report Parser.

❖ RpIntradocLogin=sysadmin

Setting Report Parser Configuration Variables

To set or edit any of the Report Parser configuration variables:

1. In a text editor, open the *rp.cfg* file:
`<install_dir>/custom/reportparser/resources/sct.cfg`
2. Select an entry line to add the configuration variable or locate the configuration variable to be edited.
3. Enter the applicable configuration variable and its value or edit the value of an existing configuration variable.
4. Save and close the *rp.cfg* file.
5. Restart Content Server and the web server to apply the changes.



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