

Oracle® Universal Content Management
Search Sort Options Component Administration Guide
Release 10gR3

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Preface

The Search Sort Options component can expedite default search queries when the database is used as the search engine.

Audience

This document is intended for system administrators who are responsible for installing the Search Sort Options component. This document assumes that the component has been installed correctly and that you are familiar with Oracle products and the architecture of Oracle Content Server.

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Related Documents

For more information, refer to the documents in the Oracle Content Server documentation set.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.
Forward slashes (/)	Forward slashes are used to separate the directory levels in a path to a UNIX server, directory, or file. Forward slashes are also used to separate parts of an Internet address. A forward slash will always be included at the end of a UNIX directory name and might or might not be included at the end of an Internet address.
Backward slashes (\)	Backward slashes are used to separate the levels in a path to a Windows server, directory, or file. A backward slash will always be included at the end of a Windows server, directory, or file path.
<install_dir>/	This notation refers to the location on your system of the main product installation directory.

Introduction

This chapter covers the following topics:

- ["Component Overview"](#) on page 1-1
- ["What's New"](#) on page 1-1
- ["Compatibility with Content Server"](#) on page 1-1

1.1 Component Overview

If Content Server is configured to use a database as the search engine, the Search Sort Options component can expedite search queries. As the number of content items increases, using the sort option default values on the Search page will significantly degrade search operations. To counteract this, the Search Sort Options component changes the behavior of the default sort options.

1.2 What's New

The 10gR3 version of the Search Sort Options component has the following new functionality or modifications:

- The component-related search options are not included on Content Server's home page.
- The Quick Search function no longer uses the sorting options.
- A Sort Result checkbox is added to Content Server's Search page that is used to enable or disable the search options (the sort metadata field and ascending or descending direction). See ["Using the Sort Result Checkbox"](#) on page 3-1.
- The Search Sort Options component does not perform the enhanced sorting function unless the Sort Result checkbox is selected.
- The Search Sort Options component incorporates the rownum pseudo-column into search queries to accelerate the results return process.

1.3 Compatibility with Content Server

Currently, the Search Sort Options component is supported only on Oracle Content Server 10gR3.

This chapter covers the following topics:

- ["Installing the Search Sort Options Component"](#) on page 2-1
- ["Uninstalling the Search Sort Options Component"](#) on page 2-2

2.1 Installing the Search Sort Options Component

You can install the Search Sort Options component using either Component Manager or Component Wizard.

2.1.1 Installing using Component Manager

To install the Search Sort Options component using Component Manager:

1. Log in to Content Server as an administrator.
2. Select Admin Server from the Administration menu.
The Content Admin Server page is displayed.
3. Click the name of the Content Server instance where the component will be installed.
The Content Admin Server <instance_name> page is displayed.
4. Click the Component Manager link.
The Component Manager page is displayed.
5. Click Browse, navigate to the OracleCaseInsensitiveSearch.zip file, select it, and click Open.
The path is displayed in the Install New Component field.
6. Click Install.
A list of component items that will be installed is displayed.
7. Click Continue.
Component Manager asks if you want to immediately enable the Search Sort Options component or return to the Component Manager. Click the link to enable the component.
8. Restart the Content Server instance to apply the updated installation parameters.

2.1.2 Installing using Component Wizard

To install the Search Sort Options component using Component Wizard:

1. Log in to Oracle Content Server as an administrator.
2. Start the Component Wizard by selecting Start, All Programs, Oracle Content Server, <instance_name>, Utilities, Component Wizard (Windows) or by running the ComponentWizard script in the /bin directory (UNIX).

The Component Wizard main screen and the Component List screen are displayed.
3. On the Component List screen, click Install.

The Install screen is displayed.
4. Click Select.

The Zip File Path screen is displayed.
5. Navigate to the OracleCaseInsensitiveSearch.zip file, select it, and click Open.

The zip file contents that will be installed are added to the Install screen list.
6. Click OK.

Component Wizard asks if you want to enable the Search Sort Options component.
7. Click Yes.

The Search Sort Options component is listed as enabled on the Component Wizard's Resource Definition tab.
8. Exit the Component Wizard.
9. Restart the Content Server instance to apply the updated installation parameters.

2.2 Uninstalling the Search Sort Options Component

You can uninstall the Search Sort Options component using either Component Manager or Component Wizard.

2.2.1 Uninstalling using Component Manager

To uninstall the Search Sort Options component using Component Manager:

1. Log in to Oracle Content Server as an administrator.
2. Select Admin Server from the Administration menu.

The Content Admin Server page is displayed.
3. Click the name of the Content Server instance where the component will be uninstalled.

The Content Admin Server <instance_name> page is displayed.
4. Click the Component Manager link.

The Component Manager page is displayed.
5. Select the Search Sort Options component in the Enabled Components list and click Disable.

The component is moved to the Disabled Components list.
6. Click Start/Stop Content Server.

- The Content Server <instance_name> page is displayed.
7. Restart the Content Server instance.
 8. Click Component Manager.
The Component Manager page is displayed.
 9. Select the Search Sort Options component in the Uninstall Component drop-down list
 10. Click Uninstall.
Component Manager asks if you want to uninstall the component.
 11. Click OK.
Component Manager displays a message that the Search Sort Options component was uninstalled successfully.
 12. Click the link to return to the Component Manager.
The Component Manager page is displayed.
 13. Click Start/Stop Content Server.
The Content Server <instance_name> page is displayed.
 14. Restart the Content Server instance to apply the changes.

2.2.2 Uninstalling using Component Wizard

To uninstall the Search Sort Options component using Component Wizard:

1. Log in to Oracle Content Server as an administrator.
2. Start the Component Wizard by selecting Start, All Programs, Oracle Content Server, <instance_name>, Utilities, Component Wizard (Windows) or by running the ComponentWizard script in the /bin directory (UNIX).
The Component Wizard main screen and the Component List screen are displayed.
3. On the Component List screen, select the Search Sort Options component and click Disable.
4. Restart the Content Server instance.
5. On the Component List screen, select the Search Sort Options component and click Uninstall.
Component Wizard asks if you want to uninstall the Search Sort Options component.
6. Click Yes.
The Uninstall screen is displayed and lists the zip file contents that will be uninstalled.
7. Click OK.
The Search Sort Options component is removed from the Component List screen.
8. Exit the Component Wizard.
9. Restart the Content Server instance to apply the changes.

Using the Search Sort Options Component

This chapter covers the following topic:

- ["Using the Sort Result Checkbox"](#) on page 3-1

3.1 Using the Sort Result Checkbox

When the component is installed, a Sort Result checkbox is added to Content Server's Search page. The Sort Result checkbox acts as a toggle switch to enable or disable the sort options (Field and Dir).

The screenshot shows a search interface with the following elements:

- Results Per Page:** A text input field containing the value "20".
- Sort Result:** A checkbox that is currently unchecked.
- Field:** A dropdown menu with "Release Date" selected.
- Dir:** A dropdown menu with "Descending" selected.
- Buttons:** Three buttons labeled "Search", "Reset", and "Save" are positioned below the sort options.

Note: By default, the sort options are disabled after the Search Sort Options component is installed. As a result, the component will not perform sorting unless the sort options are enabled and their values are specifically set.

Additionally, Content Server's Quick Search function will no longer use the sort options.

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