

# DITACMS

## **DITA CMS Release 4.3.7: Detailed Release Notes**

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# About this document

This document describes the new features and bug fixes introduced in this build of DITA CMS Release 4.3.

# What's new in this release

## Build 4.3.7

New features and enhancements have been added to this release. See the topic called *"New in this documentation release"* in the following documents for more details.

Features	Documents affected
Configure initial working environment for DITA CMS Eclipse Client	<b>DITA CMS Eclipse Client Installation Guide</b>
Define a preset list of keys (keywords or external links) in the Content Store to populate the Edit Variables dialog box opened from the DITA Map view.	oXygen: <b>DITA CMS User Guide</b> XMetaL: <b>DITA CMS User Guide</b>
Define a profiling color scheme to display the conditional text in different colors and styles in Author mode and in a PDF output generated without selecting a ditaval.	<b>DITA CMS Administrator's Guide</b>
Configure profiling attributes values available from the Edit Profiling Attributes menu.	<b>DITA CMS Administrator's Guide</b>
Export the Dynamic Release Management View to a TSV file	<b>Dynamic Release Management Module User Guide</b>
Refresh button added to Dependencies view	oXygen: <b>DITA CMS User Guide</b> XMetaL: <b>DITA CMS User Guide</b>
Enhancements to the sequential localization method	<b>DITA CMS Administrator's Guide</b>
Enhancements to map templates	<b>DITA CMS Administrator's Guide</b> oXygen: <b>DITA CMS User Guide</b> XMetaL: <b>DITA CMS User Guide</b>

# Configuration updates (Mandatory)

To support the new features in this release, new configuration files must be added to the Content Store and an existing configuration file must be updated.

## Download and import configuration files

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To update an existing installation to 4.3.7, you need to add new configuration files to the Content Store and update existing ones to keep your deployment up to date.

The following files must be added to the Content Store:

- *system/conf/eclipseui\_template.xml*
- *system/conf/keydefnames.dtd*
- *system/conf/keydefnames.xml*
- *system/conf/templateparameters.dtd*
- *system/conf/templateparameters.xml*
- *system/oxygen\_cfg/oxygen.default.options.xml*

Also, the following files must be updated:

- *system/catalogs/catalog-cms-system.xml*
- *system/plugins/com.ixiasoft.dita.dtd/dtd/build-manifest.mod*
- *system/templates/bmanifests/build-manifest.bmanifest*

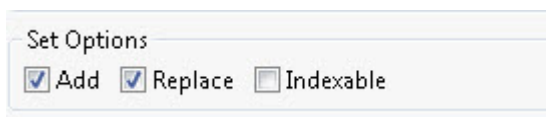
To facilitate this update, these files have been packaged in a .zip file and made available on the IXIASOFT Downloads website.

To import the files:

1. **Download the *Build\_4.3.7\_newfiles.zip* file, which contains the configuration files, from the following URL: [http://cms.ixiasoft.com/downloads/system\\_config/4.3/](http://cms.ixiasoft.com/downloads/system_config/4.3/)**
2. **Extract the .zip file to a local folder.**
3. **Open the TEXTML Administration perspective by clicking the TEXTML Administration shortcut on the tool bar. If the shortcut is not displayed, follow these steps:**
  - a) **Select *Window > Open Perspective > Other***
  - b) **Click TEXTML Administration.**
  - c) **Click OK.**
4. **In the TEXTML Administration view, double-click the server. If your server is not displayed in the view, you must add it to the view.**

5. When the Connect as dialog opens, type your username and password and click OK.
6. Double-click the name of your docbase to open a connection to the Content Store.
7. Right-click Repository and click Insert Documents.
8. Click Add Folder.
9. In the Browse For Folder dialog box, navigate to where you extracted the *Build\_4.3.7\_newfiles.zip* file and click the *system* folder. Click OK.  
In the Set As pane, the path should appear as */system/*.
10. In the Set Options pane, select the Add and Replace checkboxes and clear Indexable.

For example:



11. Click OK.

The files are imported into the Content Store.

## Update existing configuration files

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To update an existing installation to 4.3.7, you need to modify some configuration files to keep your deployment up to date.

To update the configuration files:

1. Open the TEXTML Administration perspective by clicking the TEXTML Administration shortcut on the tool bar. If the shortcut is not displayed, follow these steps:
  - a) Select *Window > Open Perspective > Other*
  - b) Click TEXTML Administration.
  - c) Click OK.
2. In the TEXTML Administration view, double-click the server. If your server is not displayed in the view, you must add it to the view.
3. When the Connect as dialog opens, type your username and password and click OK.
4. Double-click the name of your docbase to open a connection to the Content Store.
5. Browse to */system/conf/* to locate the *accessrights.xml* file.
6. Right-click *accessrights.xml* and click Check Out.
7. Double-click the file to open it in the XML editor area.
8. Add new access rights to the *accessrights.xml* file:

## a) Locate the following line:

```
<!-- ***** API METHODS - DO NOT MODIFY ***** -->
```

b) Just before this line, add the following `<method>` code to set access rights for the Edit Variables and Insert Variables actions:

```
<!-- Possible type front-end / api -->
<method name="Edit Variables" type="front-end" hide-when-disabled="true">
  <!-- determines if a notification email should be sent when this action is taken -->

  <notify enabled="false"/>
  <!-- To be enabled or runnable the condition set must return true -->
  <!-- possible operator are any (One of the condition must match)-->
  <conditionset operator="any">
    <condition>
      <current>
        <type name="map">
          <statuses>
            <status>Authoring:*</status>
          </statuses>
        </type>
      </current>
      <!-- Action user must be in this list -->
      <users>
        <groups>
          <group name="System Administrators"/>
          <group name="Everyone"/>
        </groups>
        <roles/>
      </users>
    </condition>
  </conditionset>
</method>
<!-- Possible type front-end / api -->
<method name="Insert Variables" type="front-end" hide-when-disabled="true">
  <!-- determines if a notification email should be sent when this action is taken -->

  <notify enabled="false"/>
  <!-- To be enabled or runnable the condition set must return true -->
  <!-- possible operator are any (One of the condition must match)-->
  <conditionset operator="any">
    <condition>
      <current>
        <type name="map">
          <statuses>
            <status>Authoring:*</status>
          </statuses>
        </type>
      </current>
      <!-- Action user must be in this list -->
      <users>
        <groups>
          <group name="System Administrators"/>
          <group name="Everyone"/>
        </groups>
        <roles/>
      </users>
    </condition>
  </conditionset>
</method>
```

- c) If you are not using the roles "System Administrators" or "Everyone", update the roles or groups for all the methods as appropriate for your deployment.
- d) In the `<availablemethods>` element, add the following actions:

```
<action name="Edit Variables"/>
<action name="Insert Variables" />
```

- 9. Save, close, and check in the *accessrights.xml* file.
- 10. Inform users of the changes and request that they close and reopen their DITA CMS to apply the changes.

## DRM-only: Update the Index Definition document

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If you are updating an existing DRM installation to 4.3.7, you need to update the Index Definition document to keep your deployment up to date.

**Note:** IXIASOFT recommends that you change the Index Definition document during off hours only. This operation will require a reindexing of the modified indexes, which will reduce the performance of the TEXTML Server.

To update the Index Definition document:

1. Open a TEXTML Server Console Java.
2. Connect to the server and Content Store to update.
3. Expand the Content Store node to display the Index Definition.
4. Make a backup of the Index Definition document:
  - a) Right-click Index Definition and select Export.
  - b) In the Save As dialog, specify the directory where to save the backup and click Save.
5. Right-click Index Definition and select Lock.
6. Open the Index Definition document in an XML editor.
7. Look for the `keyref-contentDependencies` index.

For example:

```
<index CUSTOMPROPERTY="True" NAME="keyref-contentDependencies" SYNC="True">
  <!-- System index required by the DITA CMS -->
  <stringindex KEEPEXTRACTEDVALUES="True">
    <elements>
      <element DEPTH="0" XPATH="//reference[@contentDependency='true'][@keyref or
@conkeyref]/@srcRef"/>
      <!-- Patch for 4.0 and 4.1 legacy content -->
      <element DEPTH="0" XPATH="//reference[@contentDependency='false'] [contains (@class,
' map/topicref ')] [@keyref]/@srcRef"/>
```



```

    <element DEPTH="0" XPATH="//reference[@contentDependency='false'] [contains (@class,
' topic/image ')] [@keyref]/@srcRef"/>
    <element DEPTH="0" XPATH="for $e in
//reference[@contentDependency='false'] [@conkeyref] return substring-before ($e/@srcRef,
'/')"/>
  </elements>
</stringindex>
</index>

```

## 8. Replace the two lines in bold above with the following:

```

<element DEPTH="0"
XPATH="/customproperties [not (lastmodtime)] /reference [@contentDependency='false'] [contains (@class,
' map/topicref ')] [@keyref]/@srcRef"/>
<element DEPTH="0"
XPATH="/customproperties [not (lastmodtime)] /reference [@contentDependency='false'] [contains (@class,
' topic/image ')] [@keyref]/@srcRef"/>

```

The updated index will look as follows:

```

<index CUSTOMPROPERTY="True" NAME="keyref-contentDependencies" SYNC="True">
  <!-- System index required by the DITA CMS -->
  <stringindex KEEPEXTRACTEDVALUES="True">
    <elements>
      <element DEPTH="0" XPATH="//reference [@contentDependency='true'] [@keyref or
@conkeyref]/@srcRef"/>
      <!-- Patch for 4.0 and 4.1 legacy content -->
      <element DEPTH="0"
XPATH="/customproperties [not (lastmodtime)] /reference [@contentDependency='false'] [contains (@class,
' map/topicref ')] [@keyref]/@srcRef"/>
      <element DEPTH="0"
XPATH="/customproperties [not (lastmodtime)] /reference [@contentDependency='false'] [contains (@class,
' topic/image ')] [@keyref]/@srcRef"/>
      <element DEPTH="0" XPATH="for $e in
//reference [@contentDependency='false'] [@conkeyref] return substring-before ($e/@srcRef,
'/')"/>
    </elements>
  </stringindex>
</index>

```

## 9. Save the Index Definition document.

## 10. Right-click the Index Definition document and select Check In.