

DITACMS

DITA CMS Release 4.2: 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 4.2.

Global changes

This section contains topics that apply to all deployments of the DITA CMS, including DRM deployments.

Fix incorrect access rights for the Create Build Manifest action

The Create Build Manifest action was not properly defined in the access rights.

To solve this issue:

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 Content Store to open a connection to it.**
5. **Locate the *accessrights.xml* file in the repository's */system/conf* collection.**
6. **Check out and open *accessrights.xml* with a text editor.**
7. **Look for the following line:**

```
<method name="CreateBuildManifest" type="front-end">
```

8. **Change it as follows:**

```
<method name="Create Build Manifest" type="front-end" hide-when-disabled="true">
```

9. **In the Create Build Manifest method, add the lines in bold if they are not already there:**

```
<method name="Create Build Manifest" 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>
      <!-- Object on which action is taken -->
      <current>
        <type name="map">
          <statuses>
```

```

        <status>Authoring: *</status>
      </statuses>
    </type>
  </current>

  <!-- Action user must be in this list -->
  <users>
    <roles>
      <role name="Information Architect"/>
    </roles>
    <groups>
      <group name="System Administrators"/>
    </groups>
  </users>
</condition>
</conditionset>
</method>

```

10. Look for the following line:

```
<action name="CreateBuildManifest" />
```

11. Change it as follows:

```
<action name="Create Build Manifest" />
```

12. Save, close, and check in the *accessrights.xml* file.

13. Inform users of the changes.

The changes will be applied automatically once users close and then reopen their DITA CMS. Users can also apply the changes without restarting their DITA CMS by clicking **DITA CMS > Synchronize Configuration**.

Configure cache usage (TEXTML Server 4.3.7.4193 and up)

If you are using TEXTML Server version 4.3.7.4193 and up, you may need to configure cache usage.

A new configuration parameter was added in the configuration file for TEXTML Server 4.3.7.4193. This parameter, `AllocateMultiplePools`, specifies whether the Content Stores on a server should share the same cache or whether each Content Store should have its own cache.

By default (or if not specified), this parameter is set to `True`, indicating that a separate cache is created for each Content Store. If your deployment uses a low-RAM server (less than 10 Gig) and more than one Content Store is installed on this server, you must set this parameter to `False`, otherwise you will experience serious performance issues on TEXTML Server.

To set this parameter to `False` in a low-RAM deployment:

1. Open the *TextmlServerCfg.xml* file, which is located in the following directory:

```
Windows: %ProgramData%\xiasoft\TextmlServer43  
Linux: /opt/xiasoft/textmlserver/instance-name/
```

2. Add the following parameter to the <Cache> section:

```
<AllocateMultiplePools>False</AllocateMultiplePools>
```

For example:

```
<Cache>  
  ...  
  <AllocateMultiplePools>False</AllocateMultiplePools>  
</Cache>
```

3. Save and close the file.

4. Restart the TEXTML Server.

DRM-specific changes

This section contains topics that apply to DRM deployments only.

Add new permissions for DRM sub-menu actions

Permissions can now be set for actions in the Dynamic Release Management right-click menu.

These actions are:

- Add to
- Create new instance
- Move to
- Compare with
- Update to
- Remove from

Note: This procedure applies to deployments with the DRM module only.

To add new permissions for the DRM actions:

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 Content Store to open a connection to it.**
5. **Locate the *accessrights.xml* file in the repository's */system/conf* collection.**
6. **Check out and open *accessrights.xml* with a text editor.**
7. **Locate the following line:**

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

8. **Just before this line, add the following `<method>` elements:**

```
<method name="AddTo" type="front-end" multiselect-disabled="true"
hide-when-disabled="true">
  <notify enabled="false"/>
  <conditionset operator="any">
```

```

<condition>
  <current>
    <type name="topic">
      <statuses>
        <status>Authoring:*</status>
      </statuses>
    </type>
    <type name="image">
      <statuses>
        <status>Authoring:*</status>
      </statuses>
    </type>
    <type name="resource">
      <statuses>
        <status>Authoring:*</status>
      </statuses>
    </type>
  </current>
</users>
  <roles>
    <role name="Writer"/>
    <role name="Information Architect"/>
  </roles>
  <groups>
    <group name="System Administrators"/>
  </groups>
</users>
</condition>
</conditionset>
</method>
<!-- Possible type front-end / api -->
<method name="CreateNewInstance" type="front-end" multiselect-disabled="true"
hide-when-disabled="true">
  <notify enabled="false"/>
  <conditionset operator="any">
    <condition>
      <current>
        <type name="map">
          <statuses>
            <status>Authoring:*</status>
          </statuses>
        </type>
        <type name="topic">
          <statuses>
            <status>Authoring:*</status>
          </statuses>
        </type>
        <type name="image">
          <statuses>
            <status>Authoring:*</status>
          </statuses>
        </type>
        <type name="resource">
          <statuses>
            <status>Authoring:*</status>
          </statuses>
        </type>
      </current>
    </users>
      <roles>
        <role name="Writer"/>
        <role name="Information Architect"/>
      </roles>
      <groups>
        <group name="System Administrators"/>
      </groups>
    </conditionset>
  </method>

```



```

        </users>
    </condition>
</conditionset>
</method>
<!-- Possible type front-end / api -->
<method name="MoveTo" type="front-end" multiselect-disabled="true"
hide-when-disabled="true">
    <notify enabled="false"/>
    <conditionset operator="any">
        <condition>
            <current>
                <type name="topic">
                    <statuses>
                        <status>Authoring:*</status>
                    </statuses>
                </type>
                <type name="image">
                    <statuses>
                        <status>Authoring:*</status>
                    </statuses>
                </type>
                <type name="resource">
                    <statuses>
                        <status>Authoring:*</status>
                    </statuses>
                </type>
            </current>
            <users>
                <roles>
                    <role name="Writer"/>
                    <role name="Information Architect"/>
                </roles>
                <groups>
                    <group name="System Administrators"/>
                </groups>
            </users>
        </condition>
    </conditionset>
</method>
<!-- Possible type front-end / api -->
<method name="CompareWith" type="front-end" multiselect-disabled="true"
hide-when-disabled="true">
    <notify enabled="false"/>
    <conditionset operator="any">
        <condition>
            <current>
                <type name="map">
                    <statuses>
                        <status>Authoring:*</status>
                    </statuses>
                </type>
                <type name="topic">
                    <statuses>
                        <status>Authoring:*</status>
                    </statuses>
                </type>
            </current>
            <users>
                <roles>
                    <role name="Writer"/>
                    <role name="Information Architect"/>
                </roles>
                <groups>
                    <group name="System Administrators"/>
                </groups>
            </users>
        </condition>
    </conditionset>
</method>

```

```

        </condition>
    </conditionset>
</method>
<!-- Possible type front-end / api -->
<method name="UpdateTo" type="front-end" multiselect-disabled="true"
hide-when-disabled="true">
    <notify enabled="false"/>
    <conditionset operator="any">
        <condition>
            <current>
                <type name="topic">
                    <statuses>
                        <status>Authoring:*</status>
                    </statuses>
                </type>
                <type name="image">
                    <statuses>
                        <status>Authoring:*</status>
                    </statuses>
                </type>
                <type name="resource">
                    <statuses>
                        <status>Authoring:*</status>
                    </statuses>
                </type>
            </current>
            <users>
                <roles>
                    <role name="Writer"/>
                    <role name="Information Architect"/>
                </roles>
                <groups>
                    <group name="System Administrators"/>
                </groups>
            </users>
        </condition>
    </conditionset>
</method>
<!-- Possible type front-end / api -->
<method name="RemoveFrom" type="front-end" multiselect-disabled="true"
hide-when-disabled="true">
    <notify enabled="false"/>
    <conditionset operator="any">
        <condition>
            <current>
                <type name="topic">
                    <statuses>
                        <status>Authoring:*</status>
                    </statuses>
                </type>
                <type name="image">
                    <statuses>
                        <status>Authoring:*</status>
                    </statuses>
                </type>
                <type name="resource">
                    <statuses>
                        <status>Authoring:*</status>
                    </statuses>
                </type>
            </current>
            <users>
                <roles>
                    <role name="Writer"/>
                    <role name="Information Architect"/>
                </roles>
            </users>
        </condition>
    </conditionset>
</method>

```

```

        <groups>
          <group name="System Administrators"/>
        </groups>
      </users>
    </condition>
  </conditionset>
</method>

```

9. If you are not using the roles "Writer" or "Information Architect" or the group "System Administrators", update the roles or groups for all the methods as appropriate for your deployment.
10. Just before the closing `</availablemethods>` element (near the end of the file), add the following code:

```

<!-- DRM-specific actions -->
<action name="AddTo"/>
<action name="CreateNewInstance"/>
<action name="MoveTo"/>
<action name="CompareWith"/>
<action name="UpdateTo"/>
<action name="RemoveFrom"/>

```

11. Save, close, and check in the *accessrights.xml* file.

12. Inform users of the changes.

The changes will be applied automatically once users close and then reopen their DITA CMS. Users can also apply the changes without restarting their DITA CMS by clicking **DITA CMS > Synchronize Configuration**.

Update the clean-resolved-merge.xsl file

White spaces were sometimes being added to topics as part of the merge functionality.

To solve the issue, you must update the *clean-resolved-merge.xsl* file.

1. Download the updated *clean-resolved-merge.xsl* file from the following URL:

http://cms.ixiasoft.com/downloads/system_config/4.2/

2. Open the TEXTML Administration perspective.
3. Connect to your server and Content Store.
4. Navigate to the `Repository/system/xsl/merge/` directory.
5. Right-click the `merge` directory and select **Insert Documents...**

The **Insert Documents Dialog** window appears.

6. Click **Add File** and browse to the directory where you downloaded the file.
7. Select the `clean-resolved-merge.xsl` file and click **Open**.

The folder is added to your list of files to be imported.

8. In the Set Options:

- Select **Add**.
- Select **Replace**.
- Clear **Indexable**.

9. Click OK.

Set the use-specialization to false for DRM lock action

In the DRM configuration, the `@use-specialization` attribute was set to "true" for the Lock access rights. This is not applicable to DITA CMS 4.2 and should be modified.

You must also make the following changes:

- Remove the specialization names from the Lock access rights and keep only the generic document types: map, topic, image, and resource
- Change "imagemeta" for "image" and "resourcmeta" for "resource" otherwise the Lock action will be disabled for these types

The following procedure describes this process. If you need help with this procedure, please contact IXIASOFT Support.

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 Content Store to open a connection to it.**
5. **Locate the `accessrights.xml` file in the repository's `/system/conf` collection.**
6. **Check out and open `accessrights.xml` with a text editor.**
7. **Look for the following line:**

```
<method name="Lock"
```

8. **Set the `use-specialization` attribute to false.**

For example:

```
<method name="Lock" type="front-end" alt="LockDocumentsAction" hide-when-disabled="false"
multiselect-disabled="false" use-specialization="false">
```

9. In the Lock method, change `<type name="imagemeta">` to `<type name="image">`.

For example:

```
<conditionset operator="any">
  <condition>
    <!-- Object on which action is taken -->
    <current>
      <type name="image">
```

10. In the Lock method, change `<type name="resourcemeta">` to `<type name="resource">`.

For example:

```
<conditionset operator="any">
  <condition>
    <!-- Object on which action is taken -->
    <current>
      <type name="resource">
```

11. Remove all the `<type>` elements that are not `topic` or `map`.

For example, remove the following types if they are in your file:

```
<type name="concept">
  <statuses>
    <status>Authoring:work</status>
  </statuses>
</type>
<type name="task">
  <statuses>
    <status>Authoring:work</status>
  </statuses>
</type>
<type name="reference">
  <statuses>
    <status>Authoring:work</status>
  </statuses>
</type>
<type name="glossentry">
  <statuses>
    <status>Authoring:work</status>
  </statuses>
</type>
<type name="glossgroup">
  <statuses>
    <status>Authoring:work</status>
  </statuses>
</type>
<type name="referable-content">
  <statuses>
    <status>Authoring:work</status>
  </statuses>
</type>
```

12. Save, close, and check in the *accessrights.xml* file.

13. Inform users of the changes.

The changes will be applied automatically once users close and then reopen their DITA CMS. Users can also apply the changes without restarting their DITA CMS by clicking ***DITA CMS > Synchronize Configuration***.