



Integrating WFA workflow packs with the SCM repository

OnCommand Workflow Automation 5.0

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Table of Contents

- Integrating WFA workflow packs with the SCM repository 1
 - Check in a new workflow pack to SCM 1
 - Check in a new version of a WFA workflow pack 1
 - Update WFA workflow packs from the SCM server 2
 - Check in existing WFA workflow packs to the SCM server 2
 - Remove WFA workflow packs from entities 3
 - Roll back a WFA workflow pack to its previous version in SCM 4

Integrating WFA workflow packs with the SCM repository

You can integrate the OnCommand Workflow Automation (WFA) pack with the Source Control Management (SCM) repository.

You must have admin or architect credentials.

SCM tools such as GitHub, Perforce, and SVN require you to map a local directory to check out the code from the SCM repository server. This local directory mapping is called the *SCM client location*. You must set up the SCM client with a file system location as a client area.

You can set up the SCM client on a WFA server system. You must have access to the WFA server system for SCM operations

Check in a new workflow pack to SCM

You can create a new workflow pack with OnCommand Workflow Automation (WFA) and check it in to Source Control Management (SCM).

What you'll need

SCM must be set up and you must have admin or architect credentials.

Steps

1. Log in to the **WFA** window through a web browser.
2. Create a new workflow pack.

[Create a workflow automation pack](#)

3. Add entities to the pack you created.

[Add entities to an OnCommand Workflow Automation pack](#)

4. Click the **Export To Server** icon.
5. In the **Export To Server Folder** dialog box, in the **Folder location at server system** field, enter the file system location where the pack is to be saved in the server containing the SCM client.

To edit or re-export the pack or the contents, click the **Unlock** icon.

6. In the SCM client location, check in the pack content to the SCM server.

Check in a new version of a WFA workflow pack

You can update the version of a pack in OnCommand Workflow Automation (WFA), and then check in the updated pack to a new location in the Source Control Management (SCM) server.

What you'll need

The SCM must be set up and you must have admin or architect credentials.

Steps

1. Log in to the **WFA** window through a web browser.
2. Click **Designer > Pack**.
3. Click the **Edit Pack** icon.
4. In the **Pack <pack name>** dialog box, in the **Version** field, update the version of the pack.
5. Click **Save**.
6. Click the **Export To Server** icon at the pack level.
7. In the Export To Server Folder dialog box, in the **Folder location at server system** field, enter a new file system location.

If the pack was previously saved in the `C:\p4\cdot\1.0.0` file system location, now save it in the `C:\p4\cdot\2.0.0` location.

8. In the SCM client location, check in the pack content to a new location in the SCM server.

If the pack was previously saved in the `//depot/wfa/packs/cdot/1.0.0` path in the SCM server, you can save it in another location, such as `//depot/wfa/packs/cdot/2.0.0`.

Update WFA workflow packs from the SCM server

You can update a pack in the Source Control Management (SCM) server, and then import the updated pack to OnCommand Workflow Automation (WFA).

What you'll need

The SCM must be set up and you must have admin or architect credentials

About this task

If you make any changes or updates to a pack in the SCM server, the admin or architect needs to resolve the conflicts, if any, using the SCM-provided diff tools. WFA tailors the XML diff file to show only the relevant changes.

Before importing the pack, you are notified about the changes going in to the WFA pack content.

Steps

1. Log in to the **WFA** window through a web browser.
2. Import the updated pack to WFA.

[Import WFA workflow packs](#)



If the WFA database already contains the same pack, then the pack content will be overwritten.

Check in existing WFA workflow packs to the SCM server

You can check in already existing packs to the Source Control Management (SCM) server from OnCommand Workflow Automation (WFA).

What you'll need

The SCM must be set up and you must have admin or architect credentials.

Steps

1. Log in to the **WFA** window through a web browser.
2. Click **Designer > Pack**.
3. Click the **Export To Server** icon.
4. In the Export To Server Folder dialog box, in the **Folder location at server system** field, enter the server folder location where the pack is saved in the server.

This exports the pack in an exploded form in the file system where the SCM client is created.

5. In the SCM client location, check in the pack content to the SCM server.
6. Use the SCM-provided diff tools to verify the changes against the SCM version of the pack.

Remove WFA workflow packs from entities

You can remove a pack from the entities in OnCommand Workflow Automation (WFA) and check in the updated pack to the Source Control Management (SCM) server.

What you'll need

The SCM must be set up and you must have admin or architect credentials.

About this task

You can remove a pack from the following entities:

- Workflow
- Finders
- Filters
- Commands
- Functions
- Templates
- Schemes
- Dictionary
- Data Sources Types
- Remote System Types
- Cache Queries
- Categories

Steps

1. Log in to the **WFA** window through a web browser.
2. Click **Designer > <Entity>**.
3. Click the **Remove From Pack** icon.
4. In the **Remove From Pack <Entity>** dialog box, select the pack you want to delete from that entity.

5. Click **OK**.
6. Click the **Packs** tab.
7. Click the **Export To Server** icon.
8. In the **Export To Server Folder** dialog box, in the **Folder location at server system** field, enter the server folder location where the pack is saved in the server.

This exports the pack in exploded form in the file system where the SCM client is created.

9. In the SCM client location, check in the pack content to the SCM server.
10. Use the SCM-provided diff tools to verify the changes against the SCM version of the pack.

Roll back a WFA workflow pack to its previous version in SCM

You can roll back a pack to the previous version in Source Control Management (SCM) and import it to OnCommand Workflow Automation (WFA).

What you'll need

The SCM must be set up and you must have admin or architect credentials.

Steps

1. In the SCM client location, roll back the pack to a previous version in the file system location using SCM tools.

The SCM client gets synced to the exact change number that you are interested in.

2. Log in to the **WFA** window through a web browser.
3. Import the updated pack to WFA.

[Import WFA workflow packs](#)



This rolls back the WFA database to the previous version.

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