

z/OS V2.5 IBM Education Assistant

Solution Name: Delete workflow on completion

Solution Element(s): z/OSMF Workflow



Agenda

- Trademarks
- Objectives
- Overview
- Usage & Invocation
- Interactions & Dependencies
- Upgrade & Coexistence Considerations
- Installation & Configuration
- Summary
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Trademarks

- See url <http://www.ibm.com/legal/copytrade.shtml> for a list of trademarks.
- Additional Trademarks:
 - None

Objectives

- Explain the purpose of working on z/OSMF Workflows

Overview

- Who (Audience)
 - z/OSMF Workflows users
- What (Solution)
 - z/OSMF Workflows is enhanced to support creating an "Auto-Delete Workflow" which will be deleted automatically when it is complete.
- Wow (Benefit / Value, Need Addressed)
 - As a workflow user, I can create the “Auto-Delete Workflow” which will be deleted automatically from the system when all the steps are marked complete or skipped, so that the workflow no longer appears in the Workflows table in the Workflows task.

Usage & Invocation – Create an "Auto-Delete Workflow"

- When creating a new workflow instance by UI or Workflow REST service, the workflow user can mark the instance to be or not to be an “Auto-Delete Workflow”. An option is provided.

Create Workflow

Location (system) of definition and variable input files:
DUMBPLEX.DUMBNODE (DUMBNODE_003)

Workflow definition file:
[/Users/lbt/IBM/V2R4EclDev/lzuW...flow_sample_parallel_steps.xml](#)

Description:
Sample that demonstrates the use of parallel steps in a workflow.

Vendor:	Version:	Is Callable: ?
IBM	1.0	Cannot be called by another workflow

* Workflow name:

Sample that demonstrates the use of parallel steps in a workflow. - Workflow_0

* Owner user ID:

zosmfad

* System (where workflow steps will be performed):

DUMBPLEX.DUMBNODE (DUMBNODE_003)

Comments:

* Access([Learn More](#)):

Public

☐ Save jobs output

☐ Open workflow on finish ☐ Assign all steps to owner user ID ☒ Delete workflow on completion

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Finish

Cancel

Help

Usage & Invocation – View an "Auto-Delete Workflow"

- View whether the workflow instance is an "Auto-Delete Workflow" after the workflow instance is created
- The workflows user can view this from the "Workflow Steps" page and "properties" page:

▼ Workflow Details

Description:
This is a sample to demonstrate the use of workflow to workflow execution.

Is Callable:
Cannot be called by another workflow

Steps complete:
0 of 2

Workflow definition file:
/Users/lbt/Desktop/tmp/f-APAR/wf2wf/workflow_sample_wf2wf.xml

Owner:
zosmfad

Contains Parallel Steps:
No

Status:
In Progress

System of workflow definition file:
DUMBPLEX.DUMBNODE (DUMBNODE_003)

System:
DUMBPLEX.DUMBNODE (DUMBNODE_003)

Percent complete:
0%

Access(Learn More):
Public

Delete workflow on completion:
Yes

Workflow Steps

GeneralCategory Specific

Workflow name:
This is a sample to demonstrate the use of workflow to workflow execution. - Workflow_0

Description:
This is a sample to demonstrate the use of workflow to workflow execution.

Vendor:
IBM

Category:
Configuration

Owner:
zosmfad

Status:
In Progress

Percent complete:
0%

Called by workflows:

Contains Parallel Steps:
No

Version:
1.0

Workflow ID:
wf2wfSample

System:
DUMBPLEX.DUMBNODE (DUMBNODE_003)

Is Callable:
Cannot be called by another workflow

Steps complete:
0 of 2

Access:
Public

Delete workflow on completion:
Yes

Usage & Invocation — Rest API update

- Rest API update: A new parameter "autoDeleteOnCompletion" is added.

POST

/zosmf/workflow/rest/{version}/workflows

Create a workflow

GET

/zosmf/workflow/rest/{version}/workflows/{workflowKey}

Get the properties of a workflow

autoDeleteOnCompletion (*boolean, optional*): Specifies whether the workflow is automatically deleted from the system after it completes successfully, as follows:

- false means that the workflow is retained after it is complete, until it is removed by a user. A complete workflow is one in which all of its steps are marked complete or skipped.
- true means that the workflow is automatically deleted from the system after it completes. As a result, the workflow is removed from the Workflows table in the Workflows task user interface.

Interactions & Dependencies

- Software Dependencies
 - None.
- Hardware Dependencies
 - None.
- Exploiters
 - z/OS Cloud and etc.

Upgrade & Coexistence Considerations

- To exploit this solution, all systems in the Plex must be at the new z/OS level:
 - No.
- List any toleration/coexistence APARs/PTFs.
 - None.
- List anything that doesn't work the same anymore.
 - None.

Installation & Configuration

- None.

Summary

- The following z/OS V2R5 z/OSMF Workflows item has been explained:
 - Delete workflow on completion

Appendix

- Book updates
 - z/OSMF Programming Guide