How do I use the COM API to copy (duplicate) Advanced Workflows or import existing Workflow files (.aml)?

THE INFORMATION IN THIS ARTICLE APPLIES TO:

- version 6.5 and later

QUESTION

How do I use the COM API to copy (duplicate) Advanced Workflows or import existing Workflow files (.aml)?

ANSWER

To copy and import workflows using the COM API, you can to use the Site methods AddAdvancedWorkflow and GetAdvancedWorkflowParams.

MORE INFORMATION

Review the examples below, or download the attached examples (scroll to the bottom of page for the attachment). Don't forget to change your admin login credentials in the script and point to the correct Site index (set to Site '0' by default, meaning the first Site created in EFT).

(You can also copy and import AWE workflows in the EFT administration interface.)

Copy Workflow:

```
' INBOUND parameters {{{
strSourceAWTaskName = "AWTask"
strDestinationAWTaskName =
strSourceAWTaskName + "_Copy"
strServer = "localhost"
strPort = "1100"
strAdminUserName = "a"
strPassword = "q"
```

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```
' }}} INBOUND parameters


' Get CISite object {{{

Set objEFTServer =
CreateObject("SFTPCOMInterface.CIServer")

objEFTServer.Connect strServer,
strPort, strAdminUserName,
strPassword


set objSites = objEFTServer.Sites

set objSite = objSites.Item(0)

' }}} Get CISite object


' Get source AW task script content
{{{

' Get source AW task index

nSourceAWTaskIndex =
objSite.GetAdvancedWorkflowIndex(strSourceAWTaskName)


' Get source AW task parameters by
index

Set objSourceAWTaskParams =
objSite.GetAdvancedWorkflowParams(nSourceAWTaskIndex)


' Get source AW task script content

strSourceScriptContent =
objSourceAWTaskParams.Code

' }}} Get source AW task script
content


' Copy AW Task {{{

Set objDestinationAWTaskParams =
CreateObject("SFTPCOMInterface.CIAdvancedWorkflowParams")
```

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```
' Set new AW task name
objDestinationAWTaskParams.Name = strDestinationAWTaskName

' Set script content for new AW task
objDestinationAWTaskParams.Code = strSourceScriptContent

' Add new AW task to EFT
objSite.AddAdvancedWorkflow(objDestinationAWTaskParams)

' }}} Copy AW Task

MsgBox "Done."
```

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Import Workflow:

```
' INBOUND parameters {{{

' Outside script which we want to
import

strFileToImport =
"C:\\SomeOutsideScript.aml"


' EFT AW task name for imported
script

strAWTaskName =
"AWTask_Imported"


strServer = "localhost"

strPort = "1100"

strAdminUserName = "a"

strPassword = "q"

' }}} INBOUND parameters


' Read outside script contents {{{

Set objFSO =
CreateObject("Scripting.FileSystemObject")

Set objReadFile =
objFSO.OpenTextFile(strFileToImport,
1, False)


strFileContents = objReadFile.ReadAll


objReadFile.close


Set objFSO = Nothing

Set objReadFile = Nothing
```

How do I use the COM API to copy (duplicate) Advanced Workflows or import existing Workflow files (.aml)?

```
' }}} Read outside script contents


' Get CISite object {{{

Set objEFTServer =
CreateObject("SFTPCOMInterface.CIServer")

objEFTServer.Connect strServer,
strPort, strAdminUserName,
strPassword


set objSites = objEFTServer.Sites

set objSite = objSites.Item(0)

' }}} Get CISite object


' Add AW Task to EFT server {{{

Set objAWParams =
CreateObject("SFTPCOMInterface.CIAdvancedWorkflowParams")

objAWParams.Name =
strAWTaskName

objAWParams.Code = strFileContents


objSite.AddAdvancedWorkflow(objAWParams)

' }}} Add AW Task to EFT server


MsgBox "Done."
```

GlobalSCAPE Knowledge Base
https://kb.globalscape.com/Knowledgebase/11139/How-do-I-use-the-COM-API-to-...