

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"
```

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

```
' } } } 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")
```

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

```
' 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."
```

```
.telerik-reTable-5 { border-collapse: collapse; border: solid 1px; font-family: Tahoma; }
.telerik-reTable-5 tr.telerik-reTableHeaderRow-5 { margin: 10px; padding: 10px; color:
#3A4663; text-align: left; font-style: normal; font-family: Tahoma; text-transform:
capitalize; font-weight: 500; border-spacing: 10px; line-height: 11pt; vertical-align: top; }
.telerik-reTable-5 td.telerik-reTableHeaderFirstCol-5 { padding: 0in 5.4pt 0in 5.4pt; color:
#3a4663; } .telerik-reTable-5 td.telerik-reTableHeaderLastCol-5 { padding: 0in 5.4pt 0in
5.4pt; color: #3a4663; } .telerik-reTable-5 td.telerik-reTableHeaderOddCol-5 { padding:
0in 5.4pt 0in 5.4pt; color: #3a4663; } .telerik-reTable-5 td.telerik-reTableHeaderEvenCol-5
{ padding: 0in 5.4pt 0in 5.4pt; color: #3a4663; } .telerik-reTable-5
tr.telerik-reTableOddRow-5 { color: #666666; vertical-align: top; } .telerik-reTable-5
tr.telerik-reTableEvenRow-5 { color: #666666; vertical-align: top; } .telerik-reTable-5
td.telerik-reTableFirstCol-5 { padding: 0in 5.4pt 0in 5.4pt; } .telerik-reTable-5
td.telerik-reTableLastCol-5 { padding: 0in 5.4pt 0in 5.4pt; } .telerik-reTable-5
td.telerik-reTableOddCol-5 { padding: 0in 5.4pt 0in 5.4pt; } .telerik-reTable-5
td.telerik-reTableEvenCol-5 { padding: 0in 5.4pt 0in 5.4pt; } .telerik-reTable-5
tr.telerik-reTableFooterRow-5 { color: #3a4663; font-weight: 500; font-family: Tahoma;
line-height: 11pt; } .telerik-reTable-5 td.telerik-reTableFooterFirstCol-5 { padding: 0in
5.4pt 0in 5.4pt; text-align: left; } .telerik-reTable-5 td.telerik-reTableFooterLastCol-5 {
padding: 0in 5.4pt 0in 5.4pt; text-align: left; } .telerik-reTable-5
td.telerik-reTableFooterOddCol-5 { padding: 0in 5.4pt 0in 5.4pt; text-align: left; }
.telerik-reTable-5 td.telerik-reTableFooterEvenCol-5 { padding: 0in 5.4pt 0in 5.4pt;
text-align: left; }
```

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

### 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-...>