

Knowledgebase

22 mai 2024 14:11

Switching automation call for method call

22 mai 2024 16:08

Utility for converting RA_Common automations calls

Parameter: 'AutomationSetId'
Parameter: 'FilePath'
Parameter: 'OldMethodName'
Parameter: 'NewMethodName'

-Open [FilePath]
-Add '<DependencyId=[AutomationSetId] IsUsed="True" />' inside the dependencies node

```
<OpenSpanDesignDocument Version="22.1.0.2" Serialiser="2.0" Culture="fr-CA">
  <ComponentInfo>
    <Type Value="OpenSpan.Automation.Automation" />
    <Assembly Value="OpenSpan.Automation" />
    <Dependencies>
      <Dependency Id="GlobalContainer-8DC7A55601B888" IsUsed="True" />
    </Dependencies>
  </ComponentInfo>
</OpenSpanDesignDocument>
```

```
1 <OpenSpanDesignDocument Version="22.1.0.2" Serialiser="2.0" Culture="fr-CA">
2   <ComponentInfo>
3     <Type Value="OpenSpan.Automation.Automation" />
4     <Assembly Value="OpenSpan.Automation" />
5     <Dependencies>
6       <Dependency Id="GlobalContainer-8DC7A55601B888" IsUsed="True" />
7       <Dependency Id="AutomationSet-8DC74F3E747BD1" IsUsed="True" />
    </Dependencies>
  </ComponentInfo>
</OpenSpanDesignDocument>
```

-For each node where InstanceName is [OldMethodName]
-Change InstanceName value to RA_Common
-Change DisplayName value to [NewMethodName]
-Remove everything except ConnectionBlock on the ConnectionBlock line

```
<ConnectionBlock type="OpenSpan.Automation.Design.ConnectionBlocks.EntryPointExecuteBlock">
  <DisplayName Value="Run" />
  <ConnectableUniqueId Value="Automation-8D717468C8D2F90\ConnectableMethod-8D7174706C87C9" />
  <FastID Value="8" />
  <Left Value="283" />
  <Top Value="48" />
  <Collapsed Value="False" />
  <WillExecute Value="True" />
  <InstanceName Value="RA_Apt_ML_LogProcessStart" />
  <Fittings>
    <_param Collapsed="False" ActualItem="Success" />
  </Fittings>
  <OverridesId />
</ConnectionBlock>
```

```
60 <ConnectionBlock>
61   <DisplayName Value="Metric_LogProcessStart" />
62   <ConnectableUniqueId Value="Automation-8D717468C8D2F90\ConnectableMethod-8D7174706C87C9" />
63   <FastID Value="8" />
64   <Left Value="283" />
65   <Top Value="48" />
66   <Collapsed Value="False" />
67   <WillExecute Value="True" />
68   <InstanceName Value="RA_Common" />
69   <Fittings>
70     <_param Collapsed="False" ActualItem="Success" />
71   </Fittings>
72   <OverridesId />
73 </ConnectionBlock>
```

-For each node where ComponentName is [OldMethodName]
-Change ComponentName value to RA_Common
-Change DisplayName value to [NewMethodName]
-Change InstanceTypeName value to OpenSpan.Automation.AutomationSet
-Add '<EntryPointAutomationId Value="[ID]" />' where [ID] is the value of InstanceUniqueId
-Change InstanceUniqueId value to [AutomationSetId]
-Change MemberDetails value to [NewMethodName]
-Change MemberName value to [NewMethodName]

```
<OpenSpan.Automation.ConnectableMethod Name="connectableMethod1" Id="ConnectableMethod-8D7174706C87C9">
  <ComponentName Value="RA_Apt_ML_LogProcessStart" />
  <DisplayName Value="Run" />
  <ExceptionsHandled Value="False" />
  <InstanceTypeName Value="OpenSpan.Automation.Automation" />
  <InstanceUniqueId Value="Automation-8D717468C8D2F90" />
  <MemberDetails Value="Run() Method" />
  <ParamLength Value="0" />
  <Sensitive Value="False" Extended="True" />
  <SerializedParamDefaultValues Value="" />
  <Context Name="DynamicMembers">
    <Item>
      <OpenSpan.DynamicMembers.DynamicPropertyInfo dynamicType="Property" name="Result" canRead="True" canWrite="False" />
    </Item>
  </Context>
  <Context Name="MemberFootprints">
    <Item>
      <OpenSpan.Automation.MemberPrototype>
        <MemberName Value="connectableMethod1" />
      </MemberPrototype>
    </Item>
  </Context>
</OpenSpan.Automation.ConnectableMethod>
```

```
656 <OpenSpan.Automation.ConnectableMethod Name="connectableMethod1" Id="ConnectableMethod-8D7174706C87C9">
657   <ComponentName Value="RA_Common" />
658   <DisplayName Value="Metric_LogProcessStart" />
659   <EntryPointAutomationId Value="Automation-8D717468C8D2F90" />
660   <ExceptionsHandled Value="False" />
661   <InstanceTypeName Value="OpenSpan.Automation.Automation" />
662   <InstanceUniqueId Value="AutomationSet-8D74F3E747BD1" />
663   <MemberDetails Value="Metric_LogProcessStart() Method" />
664   <ParamLength Value="0" />
665   <Sensitive Value="False" Extended="True" />
666   <SerializedParamDefaultValues Value="" />
667   <Context Name="DynamicMembers">
668     <Item>
669       <OpenSpan.DynamicMembers.DynamicPropertyInfo dynamicType="Property" name="Result" canRead="True" canWrite="False" />
670     </Item>
671   </Context>
672   <Context Name="MemberFootprints">
673     <Item>
674       <OpenSpan.Automation.MemberPrototype>
675         <MemberName Value="Metric_LogProcessStart" />
676       </MemberPrototype>
677     </Item>
678   </Context>
679 </OpenSpan.Automation.ConnectableMethod>
```

Unit Test:

Try utility on



And the result should be a match to



Old Names - New Names mapping

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Old Name	New Name
RAC_P_DecryptPassword	Cred_DecryptPassword
RAC_P_EncryptPassword	Cred_EncryptPassword
RAC_P_GetDecryptedCredentials	Cred_GetDecryptedCredentials
RAC_P_LoadCredsTable	Cred_LoadCredsTable
Email_P_OpenEmailWithAttachment	Email_OpenEmailWithAttachment
Email_P_SendEmail	Email_SendEmail
Email_P_SendEmailWithAttachment	Email_SendEmailWithAttachment
P_ApplyFormTextBinding	Lang_ApplyFormTextBinding
P_GetErrorsToCollate	Lang_GetErrorsToCollate
RAC_API_GetMessage	Lang_GetMessage
P_GetTranslation	Lang_GetTranslation
P_SetBinding	Lang_SetBinding
P_SetControl	Lang_SetControl
P_SetFormControls	Lang_SetFormControls
MA_P_BenchThis	Log_BenchThis
RAC_LogLoadedProj	Log_LogLoadedProj
MA_P_LogThis	Log_LogThis
MA_P_LogWrite	Log_LogWrite
MA_P_RollBench	Log_RollBench
MA_P_RollLog	Log_RollLog
RAC_P_CheckBrowserExtension	Metric_CheckBrowserExtension
RAC_API_MF_LogCancelAction	Metric_LogCancelAction
RAC_API_MF_LogCancelWithDetails	Metric_LogCancelWithDetails
RAC_API_MF_LogErrorAction	Metric_LogErrorAction
RAC_API_MF_LogFailureWithDetails	Metric_LogFailureWithDetails
RAC_API_MF_LogProcessAction	Metric_LogProcessAction
RAC_API_MF_LogProcessStart	Metric_LogProcessStart
RAC_API_MF_LogRobotStart	Metric_LogRobotStart
RAC_API_MF_LogStopAction	Metric_LogStopAction
RAC_API_MF_LogSystemError	Metric_LogSystemError
RAC_API_MF_LogUnexpectedError	Metric_LogUnexpectedError
RAC_API_MF_RefreshMode	Metric_RefreshMode
RAC_API_MF_SetEnvironmet	Metric_SetEnvironment
RAC_API_GetPartyInfo	Nexus_GetPartyInfo
RAC_API_WQ_AddWorkItem	RPA_AddWorkItem
RAC_API_WQ_AddWorkQueue	RPA_AddWorkQueue
RAC_API_WQ_AttemptNextWorkItem	RPA_AttemptNextWorkItem
RAC_API_WQ_CompleteWorkItem	RPA_CompleteWorkItem
RAC_API_RPA_NotifyFailureToSupport	RPA_NotifyFailureToSupport

RAC_API_WQ_RefreshMode	RPA_RefreshMode
RAC_API_WQ_SetEnvironment	RPA_SetEnvironment
RAC_API_WQ_UpdateWorkItemAttempt	RPA_UpdateWorkItemAttempt
RAC_P_AppendXMLToTable	Set_AppendXMLToTable
RAC_API_GetSettingValues	Set_GetSettingValues
RAC_API_SetSettingEnv	Set_SetSettingEnv
RAC_API_SetSettingXMLToTable	Set_SetSettingXMLToTable
RAC_API_AddContextMenuToMain	Start_AddContextMenuToMain
RAC_API_CheckLocalService	Start_CheckLocalService
RAC_API_CheckPNF	Start_CheckPNF
RAC_API_ClearBrowserCache	Start_ClearBrowserCache
RAC_P_LoadRetainedResources	Start_LoadRetainedResources
RAC_API_StartPNF	Start_StartPNF
RAC_P_WriteRetainedResources	Start_WriteRetainedResources
UIMSG_E_VisibleChanged	UIMSG_E_VisibleChanged
UIMSG_P_Hide	UiMsg_Hide
UIMSG_P_Show	UiMsg_Show
P_ShowCollatedErrors	UISE_ShowCollatedErrors
UISE_ShowHide	UISE_ShowHide
RAC_API_HideStatus	UiStat_HideStatus
RAC_API_HideStatusFooter	UiStat_HideStatusFooter
RAC_API_ShowStatus	UiStat_ShowStatus
RAC_API_ApplyRegexRules	Util_ApplyRegexRules
RAC_API_CopyFile	Util_CopyFile
RAC_P_GetLocalFilePathos	Util_GetProjectLocalPath
MA_P_NextTableKey	Util_NextTableKey
RAC_API_ShowUI	Util_ShowUI
P_StringToBool	Util_StringToBool

Local Assets

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To import a local asset into a project:

1. Right-click on your asset and select Deploy Asset, hit Submit (uncheck deploy to Pega Robot Manager)
2. Use `%appdata%/pegasystems/assets` (you may have to create the folder) as the folder to deploy to. Hit Submit
3. Open the project you want to import the asset in and go Tools/Options
4. In Server Connectivity, set Enabled to False and close/re-open the project
5. Click on the Add button on the top left of the Project tab and go to Assets. Your asset should be there