<h2>Branching</h2>

####### Starting the Branching Script Tool ######

#set($objProject = $projectService.getProject($page.project))

#set($strSourceSpaceEnum = $page.getSpace().getName()) ## this should be source space name in current project

#set($customEnumKey = "document\_author")

#set($charDocNameSeperator = "\_")

#set($blnFirstDoc=true)

#set($blnFirstSpace = true)

#set($strSourceDocName = "")

#set($arrSrcSpace = "")

#set($blnallParametersFilled = "true")

#set($blnTargetSpaceEmpty = "true")

#set($strSourcespaceName = "" )

#set($arrDocName = "") ## This variable will contain an array for the list of all the name of document

#set($blnParametersFilled = "true")

#set($strSourceDocMissing = "Please select the source document.")

#set($strTargetSpaceSelection ="Target space is not selected, new document(s) are be created under their respective space(s). ")

#set($strSuffixMissing = "Please fill new suffix for document.")

#set($defaultValSuffix = "V01")

#set($arrSrcSpace = $wikiService.getSpaces($objProject.getId()))

####### Preparation Parameters #######

## get list of document names from source and adding to drop down

## add target spaces to drop down list

#foreach($currSpace in $arrSrcSpace)

 ##\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 ## Getting all the spaces

 #if($blnFirstSpace)

 #set($values\_spaces = "$currSpace.getName()")

 #set($blnFirstSpace=false)

 #else

 #set($values\_spaces = "$values\_spaces, $currSpace.getName()")

 #end

 ##\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 ##\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 ## Getting all the documents from current space

 #set($colDocuments = $trackerService.moduleManager.getModules($objProject,$objProject.location.getLocation("$currSpace.getName()")))

 #foreach($doc in $colDocuments)

 #if($blnFirstDoc == true)

 #set($values\_docs = "$doc.getModuleNameWithSpace()")

 #set($blnFirstDoc=false)

 #else

 #set($values\_docs = "$values\_docs, $doc.getModuleNameWithSpace()")

 #end

 ##\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 #end

#end

{parameter:sourcedoc|type=string|allowed-values=$values\_docs | value=$strSourceDocName|multi=true}

{parameter:targetspace|type=enum| allowed-values=$values\_spaces | multi=false | allow-no-value=true}

{parameter:targetdoc|type=string|value = $defaultValSuffix }

#set($create = $request.getParameter("option"))

<div style="background-color:\#E1F0FF;padding:5px">

 {parameter-form}

 <table cellpadding="3" style="background-color:\#E1F0FF">

 <tr>

 <td width=150 align=right>Source Document:</td>

 <td>{parameter-editor:sourcedoc|width=500px}</td>

 </tr>

 <tr>

 <td width=150 align=right>Target Space:</td>

 <td>{parameter-editor:targetspace|width=500px}</td>

 </tr>

 <tr>

 <td width=150 align=right>New Suffix:</td>

 <td>{parameter-editor:targetdoc|width=500px}</td>

 </tr>

 </table>

 <input type="submit" name="create" value="Create Branch"/>

 {parameter-form}

 </div>

####### Dataservices #######

#set($docManager = $trackerService.getModuleManager())

####### Action create Document #######

### lets start positive ###

#if($create == "Create Branch")

 ### Validate document name parameter if empty (this will be searched in space modules)

 #if(!$request.getParameter("sourcedoc").isEmpty())

 #set($documentName = $request.getParameter("sourcedoc"))

 #set ($arrDocName = $documentName.split(","))

 #else

 #set($blnblnParametersFilled = "false")

 $strSourceDocMissing </br>

 #end

 ### Validate space parameter if empty

 #if(!$request.getParameter("targetspace").isEmpty())

 #set($targetDocumentSpace = $request.getParameter("targetspace"))

 #else

 #set($blnTargetSpaceEmpty = "false")

 $strTargetSpaceSelection</br>

 #end

 ### Validate suffix parameter if empty

 #if(!$request.getParameter("targetdoc").isEmpty())

 #set($targetdocumentName = $request.getParameter("targetdoc"))

 #else

 #set($blnblnParametersFilled = "false")

 $strSuffixMissing</br>

 #end

 #if($blnParametersFilled == "true" )

 #foreach($currDocName in $arrDocName)

 #set($objModuleForBranch = "")

 #set($objModuleInTargetSpace = "")

 #set($blnCounter = true)

 #set($strNewSpaceName = "")

 #set($strDocCurrSpace="")

 #set($strDocOldName="")

 #set($strNewDocName ="")

 ######################################################################################

 ##To get the SpaceName for each document , if target space is empty

 #set($arrSpaceArray = $currDocName.split("/"))

 #foreach($space in $arrSpaceArray)

 #if($blnCounter)

 #set($strDocCurrSpace = $space)

 #else

 #set($strNewDocName = $space)

 #end

 #set($blnCounter = false)

 #end

 #set($strDocOldName=$strNewDocName)

 #set($strNewDocName = $strNewDocName.concat($charDocNameSeperator).concat($targetdocumentName))</br>

 ## if target space is empty/or not selected then new space for document will be same as before

 #if($blnTargetSpaceEmpty=="false")

 #set($strNewSpaceName = $strDocCurrSpace)

 #else

 #set($strNewSpaceName = $targetDocumentSpace)

 #end

 #set($strNewSpaceName = $strNewSpaceName.replaceAll(" ",""))

 #set($strDocCurrSpace = $strDocCurrSpace.replaceAll(" ",""))

 ##all fields are filled

 ##Time to find the modLocation in target project

 #set($targetmodLocation = $objProject.getLocation().append($strNewSpaceName))

 #set($modLocation = $projectService.getProject($page.project).getLocation().append($strNewSpaceName))

 ##Get the relative location

 #set($relModLoc = $targetmodLocation.getRelativeLocation($targetmodLocation))

 #set($relModLoc = $relModLoc.append($strNewSpaceName))

 #if($transactionService.canBeginTx())

 $!transactionService.beginTx()

 ##Check if selected module exists in source space

 #set($sourceSpacedocsLocation = $objProject.location.getLocation("$strDocCurrSpace"))

 #set($sourceSpaceDocuments = $trackerService.moduleManager.getModules($objProject,$sourceSpacedocsLocation))

 #foreach( $document in $sourceSpaceDocuments )

 #set($name = $document.getModuleNameWithSpace())

 #if($name == $currDocName )

 #set($objModuleForBranch = $document)

 #end

 #end

 ##Check if module with given name already exists in target space

 #set($targetSpacedocsLocation = $objProject.location.getLocation($strNewSpaceName))

 #set($targetSpaceDocuments = $trackerService.moduleManager.getModules($objProject ,$targetSpacedocsLocation))

 #foreach( $document in $targetSpaceDocuments )

 #if ($!document.getModuleName()!="")

 #if($!document.getModuleName()== $strNewDocName)

 #set($objModuleInTargetSpace = $document)

 #end

 #end

 #end

 ##Lets do the branching

 #if(!$objModuleForBranch.equals(""))

 #if($objModuleInTargetSpace == "")

 #set($newBranchedModule = $docManager.branchModule($objModuleForBranch,$objProject ,$relModLoc,$strNewDocName))

 #set($iModule = $newBranchedModule.execute())

 #set($doc=$iModule.getModuleName())

 #if($doc)

 #set($currentUser = $trackerService.dataService.getSecurityService().getCurrentUser())

 ##$iModule.setEnumerationValue('document\_author', $currentUser)

 ##$iModule.setEnumerationValue($customEnumKey, $currentUser)

 $iModule.save()

 $iModule.update()

 $transactionService.commitTx()

 ##iModuleTitle is $iModuleTitle \\

 {document:$doc} <b> created <b>

 #end

 #else ## module already exists in target space

 <p>A document with name <font color="blue">'$strNewDocName'</font> already exists in target space <font color="blue">'$strNewSpaceName'</b></font> </p>

 #end

 #else ## cannot find source document

 <p>Selected source document <b>$currDocName </b> does not belong to the space <font color="blue">'$strNewSpaceName'</font>. Please select the right combination </p>

 #end

 #end ## transaction can begin

 #end ## End of for loop Document name

 #end ## all parameters filled

#end ## end of create option