1 Introduction

This solution will add an Action to the Project Template ItemType. Upon running this action against a Template, a window will open containing AML. This AML can be applied to another Database through the Nash.aspx page to add the Project Template to that Database.

1.1 Method Design

The included method does the following:

1. Starts a string with the <AML> start tag as well as a textarea tag for display purposes

2. Creates an AML query (`AMLtoApply1`) to retrieve the desired Project Template Item

3. Executes the AML query against the Database and saves the result to the variable "resPTI"

4. Runs the recursive function `escapeChars` on "resPTI" to escape all &,<,>,'," characters.

5. Applies a XSL stylesheet to remove all "keyed_name" references and saves the result to "resPT"

6. Uses code from the method "onCreateNewProject" to get the root WBS Element and all of its related Items

   a. This code was modified to prevent errors further on and to prevent the creation of new Items that would normally occur when "onCreateNewProject" is run.

7. Runs the recursive function `escapeChars` on the result of step 6 to escape all &,<,>,'," characters.

8. Applies a XSL stylesheet to remove all "keyed_name" references and saves the result to "wbsXml"

9. Joins the AML strings to create "finalRes"

10. Sets the Action for all Items in the AML to action="add" as the current AML is a result and contains no actions.

11. Returns the final formatted string to the result window

2 Steps to Migrate Project Template

Perform the following steps to move a Project Template that was created in one Database to another Database.

2.1 Migrating the Project Template

A. Import the included Package. This step is only required the first time you are copying a Project Template from this Database

1. Unzip the file "GetProjectTemplateAML.zip"

2. Run Import.exe

    i. This is found in the Aras Innovator CD Image under "PackageImportExportUtilities\Import"

3. Fill in the following parameters:
       i. Server: URL to Aras Innovator Server (ie. http://localhost/InnovatorServer)
       ii. Click on the "…" button next to "Database" to populate the databases associated with the above Innovator Server
       iii. Database: Choose your Aras Innovator Database from the dropdown
       iv. Username: root (This user will need to be enabled if it is not currently)
       v. Password: The password for root (default is 'innovator')

4. Click 'Login'

5. Fill in the following parameters:
       i. TargetRelease: The current version of Innovator you are running (ie. 9.2.0 SP4)
       ii. Description: Project Template Migration Tool
       iii. Path: The location of the imports.mf file (where the attached file was unzipped)
       iv. Available for Import: Check 'GetProjectTemplateAML'
       v. Type: Merge
       vi. Mode: Thorough Mode
       vii. Click the Import button in the top left.

6. Confirm there were no errors during the import process.

B. Get the AML using the Imported Action

1. Log into Aras Innovator (source Database)

2. In the TOC, got to Templates / Project Templates

3. Select the Project Template you wish to migrate

4. Right click or select Actions from the main menu and select "GetProjectTemplateAML"

5. Copy the resulting text

6. Log out of Aras Innovator

C. Apply the AML to the new Database

1. Open Internet Explorer and enter in the following

   http://localhost/InnovatorServer/Client/scripts/Nash.aspx

   i. Replace the highlighted text with your URL for Aras Innovator

2. Enter the Innovator Admin or Super User login and password

User: admin	Password: ••••••••	Database: Solutions920SP4 ▾
TimeZone: Eastern Standard Time ▾	Culture: en-US - English (United States) ▾	Login

3. Choose the desired destination Database from the dropdown

4. Click Login

5. Confirm the "ApplyAML" is selected for the Action

6. Paste the copied AML from step B.5. into the XML text box

7. Click Submit

8. Confirm that there is no error message in the box under "Run time"

   i. There should be a resulting message containing the AML of the Project Template that was just created

9. Close the Nash.aspx page

D. Confirm the Project Template

1. Log into Aras Innovator (destination database)

2. Go to Templates / Project Template

3. Search for the newly added template and confirm that the migration was successful