**Sample for Labels in Reports**

**This package contains:**

1. A package to import into an Innovator 9.2.0 SP3 installation with Solutions Packages installed (especially PLM).
2. This Readme.docx file that explains how to install and use the Sample included.

**Description:**

This sample demonstrates a way to create a different workflow process based on a specific Product selected at creation time of an instance of a given ItemType.

**Usage:**

1. Create an instance of “ECR” ItemType. Since the property represented by the field in the form labeled “Product Line” is Mandatory, select one of the options in the drop-down List. The selected option will determine the specific Workflow process that is started.

**Setup Procedure for the Sample:**

1. Using Innovator Import utility import the "ProductLineBasedWorkflow" package. The Manifest file is "imports.mf".
2. Edit the "ECR" ItemType.
   * 1. In the "Properties" TAB of the ECR ItemType click "New Relationship" icon to create a new Property with the following specifics:

Label: Product Line

Name: product\_line

Data Type: List

Data Source[…]: Product Line Workflow List (Note: This List is imported in step 1 above)

Required: checked

* + 1. In the “Server Events” TAB select “Pick Related” and click “New Relationship” icon. In the resulting Search Dialog, search and select “ProductLine Workflow Instantiate” Method(Note: This Method is imported in step 1 above) . In the Event column select “onAfterAdd” from the drop-down list.
    2. In the Workflows TAB add ECR2 and ECR3 Workflows. ECR Workflow should already be there. Note: Make sure NONE of the Workflows is selected as Default (uncheck all the Checkboxes).
    3. Save, Unlock, and Close the ECR ItemType.
    4. Edit the ECR Form. Add the newly added Property (product\_line) to the form and label the field “Product Line”.
    5. Save, Unlock, and Close the ECR Form.

1. Follow the steps outlined in "Usage" section above to see how the Sample works.

**Inner Workings:**

1. A List was created named (Product Line Workflow List). In the Value TAB of the List, the Labels are Workflow Map names, and the Values are Product Line names. The latter appear in the Product Line drop-down in the ECR form.
2. Two Workflow Maps (ECR2 and ECR3) were created to be added to ECR ItemType.
3. The ECR ItemType and ECR Form were modified, the details of which are specified in the Setup Procedure above.
4. The algorithm for the Method (named “Product Line Workflow Instantiate”, and launched from “onAfterAdd” Server Event of ECR ItemType) is as follows:
   1. Get the product\_line value from the instance of the ECR ItemType created.
   2. Query the List (name: "Product Line Workflow List") for the Label associated with the “value” of product\_line proerty obtained above. The label is the name of the relevant Workflow Map.
   3. Query the Workflow Map to get its “id”.
   4. Instantiate the Workflow Process based on the “id”.
   5. Start the Workflow Process.