**Created by** : - Umesh Adroja

**Created Date Time** : - 20-12-2017 02.31PM

**Item financial dimension with category hierarchies**

Set set = **new** Set(Types::String);

CommaIo myFile;

**container** myCon;

FileIoPermission perm;

InventTable InventTable,InventTable1;

DimensionAttributeValueSet DimensionAttributeValueSet;

DimensionAttributeValueSetItem DimensionAttributeValueSetItem;

DimensionAttributeValue DimensionAttributeValue;

DimensionAttribute DimensionAttribute;

EcoResProductCategory EcoResProductCategory;

EcoResCategory EcoResCategory,EcoResCategoryNext;

EcoResCategoryId parentCategory;

EcoResProduct EcoResProduct;

List li;

ListEnumerator enumer;

#File

#Properties

#AOT

;

InventTable1.clear();

**while** **select** \* **from** InventTable1

**where** InventTable1.ItemId == "Item number"

{

info(InventTable1.ItemId);

info("----Financial Dimension----");

*//Financial Dimension start*

InventTable.clear();

DimensionAttributeValueSet.clear();

DimensionAttributeValueSetItem.clear();

DimensionAttributeValue.clear();

DimensionAttribute.clear();

**while** **select** \* **from** InventTable

**where** InventTable.ItemId == InventTable1.ItemId

**join** RecId **from** DimensionAttributeValueSet

**where** DimensionAttributeValueSet.RecId == InventTable.DefaultDimension

**join** RecId, DisplayValue **from** DimensionAttributeValueSetItem

**where** DimensionAttributeValueSetItem.DimensionAttributeValueSet == DimensionAttributeValueSet.RecId

**join** RecId **from** DimensionAttributeValue

**where** DimensionAttributeValue.RecId == DimensionAttributeValueSetItem.DimensionAttributeValue

**join** RecId, Name **from** DimensionAttribute

**where** DimensionAttribute.RecId == DimensionAttributeValue.DimensionAttribute

{

info(DimensionAttribute.Name+"----"+DimensionAttributeValueSetItem.DisplayValue);

}

*//Financial dimension end*

info("----Category Hierarchies----");

*//Category start*

EcoResCategory.clear();

EcoResProductCategory.clear();

li = **new** List(Types::String);

li.empty();

**select** \* **from** EcoResCategory

**join** RecId **from** EcoResProductCategory

**where** EcoResCategory.RecId == EcoResProductCategory.Category

&& EcoResProductCategory.Product == EcoResProduct::findByDisplayProductNumber(InventTable1.ItemId).RecId;

parentCategory = EcoResCategory.ParentCategory;

**while** (parentCategory)

{

li.addStart(EcoResCategory.Name);

**select** \* **from** EcoResCategory

**where** EcoResCategory.RecId == parentCategory

&& EcoResCategory.ParentCategory != **0**;

**if**(EcoResCategory.RecId == **0**)

{

EcoResCategoryNext.clear();

**select** \* **from** EcoResCategoryNext

**where** EcoResCategoryNext.RecId == parentCategory

&& EcoResCategoryNext.ParentCategory == **0**;

li.addStart(EcoResCategoryNext.Name);

}

parentCategory = EcoResCategory.ParentCategory;

}

enumer = li.getEnumerator();

enumer.reset();

**while** (enumer.moveNext())

{

info(enumer.current());

}

}