

FTL Code Snippets when we work with Liferay ADT

Statement

```
<# />
```

Comment

```
<!-- This is comment -->
```

Variable Declaration and Assignment

```
<#assign name ="meera"/>  
<#assign categoryId =100/>
```

Array Declaration

```
<#assign cat = [100,101,102] />  
<#assign selectVocab = ["Department", "Client Scope"] />
```

Global Variable and Assignment

```
<#global categoryId =100/>
```

Print or Output Data

```
#{ name }
```

IF Statement

```
<#if categoryId != 0>  
<!-- Do something -->  
</#if>
```

If and Else

```
<#if categoryId != 0>  
<!-- Do something -->  
<#else>  
<!-- Do something -->  
</#if>
```

For Loop

```
<#assign categoryIds ={13,39,45,10}/>  
<#list categoryIds as categoryId>  
</#list>
```

Find something in the object or list

```
<#if categoryIds?has_content>
```

```
</#if>
```

Example loop

```
<#assign categoryIds = {13,39,45,10}/>
```

```
<#if categoryIds?has_content>
```

```
<#list categoryIds as categoryId>
```

```
  ${ categoryId }
```

```
</#list>
```

```
</#if>
```

Liferay Tag libraries Import

```
<#assign aui = taglibLiferayHash["/WEB-INF/tld/aui.tld"] />
```

```
<#assign liferay_portlet = taglibLiferayHash["/WEB-INF/tld/liferay-portlet.tld"] />
```

```
<#assign liferay_ui = taglibLiferayHash["/WEB-INF/tld/liferay-ui.tld"] />
```

Create URLs using Tag Libraries

```
<@liferay_portlet.renderURL var="filterByCategory" windowState="normal">
```

```
<@liferay_portlet.param name="mycategoryId" value="100" />
```

```
</@liferay_portlet.renderURL>
```

OR

```
<@liferay_portlet["renderURL"] var="filterByCategory" windowState="normal">
```

```
<@liferay_portlet["param"] name="mycategoryId" value="100" />
```

```
</@liferay_portlet["renderURL"]>
```

Form Elements and From

```
<@aui.form action="{filterByCategory}" method="post" name="filterForm">
```

```
<@aui.input name="categoryName" id="categoryName" type="text" value="" label="Category Name" placeholder="/>
```

```
<@aui.select name="mycategoryId" id="mycategoryId" label="Category">
```

```
<@aui.option label="Sports" value="100" first="true" />
```

```
<@aui.option label="Games" value="101"/>
```

```
</@aui.select>
```

```
<@aui.button type="submit" value="Submit"></@aui.button>
```

```
</@aui.form>
```

OR

```
<@aui["form"] action="{filterByCategory}" method="post" name="filterForm">
```

```
<@aui["input"] name="categoryName" id="categoryName" type="text" value="" label="Category Name" placeholder="/>
```

```
<@aui["select"] name="mycategoryId" id="mycategoryId" label="Category">
```

```
<@aui["option"] label="Sports" value="100" first="true" />
```

```
<@aui["option"] label="Games" value="101"/>
```

```
</@aui["select"]>
```

```
<@aui["button"] type="submit" value="Submit"></@aui["button"]>
```

```
</@aui["form"]>
```

Load Static OR Util Class

```
<#assign ParamUtil = staticUtil["com.liferay.portal.kernel.util.ParamUtil"]/>
```

```
<#assign categoryId = ParamUtil.getLong(request,"mycategoryId")/>
```

```
  ${ categoryId }
```

Load non Static Classes

```
<#assign assetEntryQuery = objectUtil("com.liferay.portlet.asset.service.persistence.AssetEntryQuery") />
```

```
<#assign assignedCategoryIdsNew=assetEntryQuery.getAllCategoryIds()/>
```

Find the Index of Element in The array

```
<#assign selectVocab = ["Department", "Client Scope"] />
```

```
<#if selectVocab?seq_index_of("Department") gt -1>
<#-- Do something -->
</#if>
```

Access Liferay Services in FTL

```
<#assign AssetCategoryLocalService = serviceLocator.findService("com.liferay.portlet.asset.service.AssetCategoryLocalService")>
```

Note:

To access Liferay Services in FTL we need to use following properties in **portal-ext.properties** file then only services will be available to the FTL

```
freemarker.engine.restricted.classes=
freemarker.engine.restricted.variables=
```

Try Following Code in the Asset Publisher ADT

```
<#assign aui = taglibLiferayHash["/WEB-INF/tld/aui.tld"] />
<#assign liferay_portlet = taglibLiferayHash["/WEB-INF/tld/liferay-portlet.tld"] />
<#assign liferay_ui = taglibLiferayHash["/WEB-INF/tld/liferay-ui.tld"] />
<#assign queryUtil = staticUtil["com.liferay.portal.kernel.dao.orm.QueryUtil"]/>
<#assign AssetCategoryLocalService =
serviceLocator.findService("com.liferay.portlet.asset.service.AssetCategoryLocalService")>
<#assign AssetVocabularyLocalService =
serviceLocator.findService("com.liferay.portlet.asset.service.AssetVocabularyLocalService")>
<#assign listVecoblaries = AssetVocabularyLocalService.getGroupVocabularies(themeDisplay.getSiteGroupId())>
<#assign AssetVocabularyLocalService =
serviceLocator.findService("com.liferay.portlet.asset.service.AssetVocabularyLocalService")>
<@liferay_portlet.renderURL var="filterByCategory" windowState="normal">
</@liferay_portlet.renderURL>
<@aui.form action="{filterByCategory}" method="post" name="filterForm">
<#if listVecoblaries?has_content>
<#list listVecoblaries as vecobulary>
<@aui.select name="mycategoryld" id="categoryld" label="">
<@aui["option"] label="{vecobulary.getName()}" value="0"/>
<#assign listVecoblaryCategories =
AssetCategoryLocalService.getVocabularyRootCategories(vecobulary.getVocabularyId(), queryUtil.ALL_POS,
queryUtil.ALL_POS, null)>
<#if listVecoblaryCategories?has_content>
<#list listVecoblaryCategories as category>
<@aui["option"] label="{category.getName()}" value="{category.getCategoryId()}/>
</#list>
</#if>
</@aui.select>
</#list>
</#if>
<@aui.button type="submit" value="Submit"></@aui.button>
</@aui.form>
```