LECTRA FASHION PLM PRODUCT DEVELOPER

Screens Configuration Use Cases

Date of last update: December 2016

Strictly confidential



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Modifications made to the document since its last publication are highlighted in blue.

INTRODUCTION

The objective of this document is to show how to implement some screens configuration use cases to help implementation team to solve some frequent customer's requests. This document does not explain how to configure the system or how to use PLM Manager. Please see appropriate Documents about V4R2 Configuration and PLM Manager for more details.

1. PRODUCT

1.1 New Custom Field

1.1.1 Case

Add a new field for Style Category named "Order Status". This field takes its value from a pick list.

Use this field as search criteria.

Then show this field in Style Header.

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Order Status in Style Description and Header



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Order Status as Search Criteria in Style Explorer

1.1.2 Configuration

PLM Manager Steps

- 1. Menu: Data->Values List.
- 2. Add pick list named "OrderStatus" if it doesn't exist
- 3. Menu: Data Configuration->Extend Data Model.
- 4. Branch Style: Add Custom role named "orderStatus".
- 5. Define "orderStatus" custom role as a search criteria in .xls file to import in PLM Manager.

Screens

Declare your custom role for Style Description Objectives:

- a. On your PLM server, open namespaces/custom/Lectra.PDM.ProductGO.xml under LectraPLMParam.
- b. Duplicate the following code from namespaces/Lectra.PDM.ProductGO.xml to namespaces/custom/Lectra.PDM.ProductGO.xml.
- c. Add the highligted line.

```
<panel name="description_Style" layout="column" autoScroll="true" padding="4">
        <panel columnWidth="0.5" border="false">
            <panel name="identification" titleI18n="Screen.identification" inherits="looklikefieldset">
            <textfield id="codeAlpha1" name="codeAlpha1" fieldLabelI18n="technicalCode"
exclusiveField="codeAlpha2" />
            <textfield id="codeAlpha2" name="codeAlpha2" fieldLabelI18n="studyCode"
exclusiveField="codeAlpha1" />
            <textfield id="codeAlpha1" />
            <textfield="codeAlpha1" fieldLabelI18n="studyCode"</pre>
```



<textfield name="version.number" fieldLabelI18n="version" readOnly="true" condition="\${#newStatut neq true}" conditionCtrl="com.lectra.lpf.uimodel.FeatureFilter" /> <textarea name="version.description" fieldLabelI18n="LabeL.version.description" condition="\${#newStatut neq true}" conditionCtrl="com.lectra.lpf.uimodel.FeatureFilter" /> <xcheckbox xtype="refversionfield" name="version.refVersion" fieldLabelI18n="RefVersion"</pre> condition="\${#newStatut neq true}" conditionCtrl="com.lectra.lpf.uimodel.FeatureFilter" /> </panel> cypanel name="detail" titleI18n="Screen.specification" inherits="looklikefieldset"> <nodecombo name="orderStatus" fieldLabelI18n="orderStatus" hiddenName="orderStatus</pre> editable="true" / <nodecombo fieldLabelI18n="StyLe.mainFabric" hiddenName="mainFabric" /> <textfield name="cad_style_reference" fieldLabelI18n="cad_style_reference" conditionCtrl="com.lectra.lpf.uimodel.FeatureFilter" anchor="100%"/> <textfield name="marker_consumption" fieldLabelI18n="marker_consumption" conditionCtrl="com.lectra.lpf.uimodel.FeatureFilter" /> <numberfield fieldLabelI18n="WeightDTO.value" name="weight.value" /> <nodecombo fieldLabelI18n="unit" hiddenName="weight.unit" /> <nodecombo xtype="filepathnodecombo" forceSelection="false"</pre> propertyNameText="\${#i18n['path']}" name="fileAttachementDefaultPath" fieldLabelI18n="ProductGODTO.fileAttachementDefaultPath" conditionCtrl="com.lectra.lpf.uimodel.FeatureFilter" > <listener on="filePathUpdated" fn="Lectra.PDM.ProductGO.updateFileDefaultPath" /> </nodecombo> </panel> </panel> <panel name="collection" titleI18n="Screen.collection" columnWidth="0.5"</pre> inherits="looklikefieldset"> <nodecombo fieldLabelI18n="\${#axeRoLeName}.singulier" hiddenName="\${#classifRoLeName}"</pre> multiSelect="true" propertyName="\${#propertyName}" genProductClassif="prodgo" /> <!-- Private field(s) : do not edit --> <customSerializer type="com.lectra.pdm.lpf.ext.serializers.ProductClassifGeneratorCustomSerializer" /> <!-- End of private field(s) --> </panel> <!-- Private field(s) : do not edit --> <customSerializer type="com.lectra.lpf.ext.serializer.ReadOnlyCustomSerializer" condition="\${#PAGE_TYPE.isDisplaying()}" /> <!-- End of private field(s) --> </panel>

Declare your custom role for Style Header:

- a. On your PLM server, open /template/default/newHeaderAndActions.html under LectraPLMParam.
- b. Add the highlighted lines in "titrebleu" description part.

```
<span class="titrebleu">
    #if($BLOCK.getField("code1") && !
    #if($BLOCK.getField("code1") && !
$TOOLS.isNull($SCREEN_HELPER.getField($SCREEN_DTO, $BLOCK.getField("code1")))
    $DTO_HELPER.link($SCREEN_HELPER.getField($SCREEN_DTO, $BLOCK.getField("code1")))
    #end
    #if($BLOCK.getField("code2")&& ! $TOOLS.isNull($SCREEN_HELPER.getField($SCREEN_DTO,
$BLOCK.getField("code2")).getValue() )
    : $SCREEN_HELPER.getField($SCREEN_DTO, $BLOCK.getField("code2")).getValue()
    #end
```











1.2 New custom field with associated length unit

1.2.1 Case

Add a new field for Style Category named "**CustomDap**". A length unit must be associated to this field.

Use this field as a research criteria associated to a second criteria of "**nodeCombo**" type that will allow search parameters to be added to the first field.

This field will then appear in the Style header as a value to be entered and a list to select the unit.

1.2.2 Configuration

PLM Manager Steps

- 1. Menu: Data Configuration->Extend Data Model.
- 2. Branch Style: Add Custom field named "CustomDap".
- 3. Enter the type of field to Double.
- 4. Select the process unit family and the unit name at "Unit Length".
- 5. Save and apply.
- 6. Define the "CustomDap" custom field as well as the length unit property as search criteria in the .xls file to port into the PLM Manager.

<u>Screens</u>

Declare your custom role for Style Description Objectives:

- a. On your PLM server, open namespaces/custom/Lectra.PDM.ProductGO.xml under LectraPLMParam.
- b. Duplicate the following code from namespaces/Lectra.PDM.ProductGO.xml to namespaces/custom/Lectra.PDM.ProductGO.xml.
- c. Add the highligted line.

<pre><panel <="" autoscroll="true" layout="columr</th><th>" name="descu</pre></th><th>ription_Style" th=""><th><pre>padding="4"><panel< pre=""></panel<></pre></th></panel></pre>	<pre>padding="4"><panel< pre=""></panel<></pre>												
columnWidth="0.5" t	oorder= <i>"false"</i> >												
<panel< td=""><td>name="identification"</td><td>titleI18n="Scr</td><td>reen.identification"</td></panel<>	name="identification"	titleI18n="Scr	reen.identification"										
inherits="looklike	fieldset">		-										
<numberfield fieldlabeli18n="customDap" name="customDap"></numberfield>													
<nodecombo fieldlat<="" td=""><td colspan="13"><pre><nodecombo <="" fieldlabeli18n="customDap CustomFieldUnit" pre=""></nodecombo></pre></td></nodecombo>	<pre><nodecombo <="" fieldlabeli18n="customDap CustomFieldUnit" pre=""></nodecombo></pre>												
hic	ddenName="customDap_CustomFiel	dUnit"											
prope	ertyName="UnitLength" multiSel	ect= <i>"false"</i> />											
0													
(2)													

Declare your custom role as search criteria for Style Category:

- d. On your PLM server, open namespaces/custom/Lectra.PDM.Search.Product.xml under LectraPLMParam.
- e. Copy the following code in namespaces/custom/ Lectra.PDM.Search.Product.xml if it doesn't exist yet.
- f. Add the highligted line.



Note:

The "customFieldWithUnit|||customDap|||double" character string format must be followed. The customFieldWithUnit value is mandatory, as well as the field name (customDap) and its type (double), seperated by the "|||".

The types can be: double, float, long, int.

 ${\cal V}$ To display the two columns for a custom field in the styles explorer, add highlighted lines:

- a. On your PLM server, open namespaces/custom/Lectra.PDM.Search.Product.xml under LectraPLMParam.
- b. Copy the following code in namespaces/custom/ Lectra.PDM.Search.Product.xml if it doesn't exist yet.
- c. Add the highligted lines.

```
<explorereditablegrid name="resultGrid" managerRef="explorerStyleGrid"</pre>
explorerSubType="Product" explorerType="${#categoryName}" lockColumn="true"
forceValidation="true" multiCell="true" stateId="ExplorerProduct_grid" stateful="true"
tempCreationId="codeNum2" singleSelectExpr="${#singleSelect}" quickCreateMode="false" >
<!-- Columns description -->
<colModel>
column xsi:type="numbercolumn" headerI18n="customDap" dataIndex="customDap"
editable="true"/>
<column xsi:type="nodecolumn" headerI18n="customDap CustomFieldUnit"
dataIndex="customDap CustomFieldUnit" propertyFamily="process"
propertyName="UnitLength" editable="true"/>
<!-- Data description -->
<!-- Advice : Do not edit to keep all data definition -->
<dataField name="customDap CustomFieldUnit" />
. . .
```



1.3 New attribute (variation axis)

1.3.1 Case

Add a new attribute named "Packaging" for Style Category.

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Packaging tab added in Style Attributes

1.3.2 Configuration

PLM Manager Steps

- 1. Menu: Classification/Define lookup values.
- 2. Add a new entry named "Packaging".
- 3. Menu: Data Configuration->Extend Data Model.
- 4. Branch Style->attributes: add the new attribute Packaging, Save and apply the configuration.

<u>Screens</u>

To add show the new attribute tab on Attributes explorer:

- a. On your PLM server, open screensCusto.xml under LectraPLMParam.
- b. Duplicate the following code from screens.xml to screensCusto.xml.
- c. Add the highligted line.



```
<!-- Attributes screen definition of Style category -->
<screen name="Axis.Style" extends="Axis">
<tabs name="axisTabs" placement="top" prefKey="ProductGO.axis.show"
       tabManager="com.lectra.pdm.webapp.tabs.AxisTabManager"
       tabSelectionStrategy="com.lectra.pdm.webtool.config.tab.ProductGOTabStrategy">
       <tab name="sizesTab" i18nKey="ProductGO.description.sizeValues"
              icon="cmtype_icons/FinalSize_16.gif">
       <table name="sizes'
              collapsible="false"
              defaultColumn="default"
              customizable="true"
              sortable="true"
              thumbView="false"
              displayed="true"
              displayActionsLabels="true"
              enableColId="true"
              forceFit="true"
              border="false"
              resizable="false"
              resizerCt="tabPanel.Axis.Style.axisTabs">
       <column name="linePosition" i18n="linePosition" displayed="false" editable="false"
             sortableBy="linePosition"/>
       <column name="default" i18n="default" editable="true" sortable="false" minwidth="50"/>
       <column name="usable" i18n="usable" editable="true" minwidth="50"/>
       <column name="base" i18n="base" editable="true" minwidth="40"/>
       <column name="envItem" i18n="FinalSize.envItem" editable="false"/> -->
<!--
       <column name="axifyable.name" i18n="name" editable="false" autoComplete="true"
              canCreate="false" pick="false" editableIf="local"/>
       <column name="envItem.qualifier" i18n="FinalSize.qualifier" editable="false"/>
       <column name="envItem.size.size.name" i18n="size" editable="false"/>
       <column name="envItem.option1.size.name" i18n="finalSizes.option1.size.name"
             editable="false"/>
       <column name="envItem.option2.size.name" i18n="finalSizes.option2.size.name"
             editable="false"/>
       <column name="envItem.sizeRun.name" i18n="sizeRun" editable="false"/>
       <column name="fileLinkSmall" i18n="fileLinkSmall" editable="true"/>
       <column name="sizeAlias" i18n="label.alias" editable="true"/>
       </tab>
       <tab name="packagingsTab" i18nKey="packagings" directChild="true"
              associatedDtoName="packagingsClassif">
       <table name="packagings'
              collapsible="false"
              defaultColumn="default"
              customizable="true"
              sortable="true"
              displayed="true"
              forceFit="false'
              border="false">
       <column name="linePosition" i18n="linePosition" displayed="false" editable="false"
             sortableBy="linePosition"/>
       <column name="default" i18n="default" editable="true" sortable="false" minwidth="50"/>
       <column name="usable" i18n="usable" editable="true" minwidth="50"/>
       <column name="axifyable.name" i18n="name" editable="false" autoComplete="true"
              canCreate="false" pick="false" editableIf="local"/>
       <column name="axifyable.path" i18n="path" editable="false" autoComplete="true"
              canCreate="false" pick="false" editableIf="local"/>
       <column name="fileLinkSmall" i18n="fileLinkSmall" editable="true"/>
       </tab>
</tabs>
</screen>
```



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New attribute will appear also in Style Description



1.4 New classification attribute

1.4.1 Case

Add a new classification attribute named "ManufacturingCountry" to be able to classify Styles. The attribute is displayed in Description bloc of Styles, and will be displayed in Style search criteria.

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Classification attribute added in Style Description

			Search Result									
	1 P 10 P		DESCRIPTION / D	lesign Code : 🛄 Ref	erence Version : 1	CLASSIFIC	TION / Production A	rea : Drocetto	nor, USA; Canada			
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Classification attribute added as search criteria in Style Explorer

1.4.2 Configuration

PLM Manager Steps

- 1. Menu: Classification/Define Lookup Values.
- 2. Add a new entry named "ManufacturingCountry".
- 3. Menu: Classification/Affect Lookup Values.
- 4. Set the new attribute as classification attribute for Style Category.

<u>Screens</u>

Nothing to do: the new attribute will appear in both Style Description and Style Explorer.



2. SKU

2.1 SKU form and SKU Grid in the product

2.1.1 Case

Configure a standard SKU named "ColorApproval" with Custom Fields and Custom Roles.

SKU form: "My Configuration" block in My SKU ColorApproval.

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🖥 Save 📡 Reset 💅	Cancel						
General Info					Attributes	Name	Description
SKU Reference	Ref 6628				Suppliers/Vendo	rs Supplier-1	
Supplier Reference					Colors	RED-1	
Available Quantity	9	Choose a Ur	nit	P ~			
Unit Price, Collection Cost	7	~	LectraDefaultCurrenc ³	×Q×			
Cost Status	too expensive		5	× Q ×			
Validation Status				P ~			
SKU Status	not avalaible		3	× P v			
My Configuration							
My Field	My SKU config						
Payment Term	Bank Transfer		2	× P v			
Person To Contact			3	×Q×			
	Dupond Durand			8			
My Image			<u> </u>				
🕑 Dates							
Planned Date	05/19/2014			_ 9			
Sent Date							
Received Date					4		
Forecast Date	05/19/2014			0.	Attributes	Where used	



<u>SKU Grid in a Product:</u> See here the four custom columns: My Image, My Field, Payment Term, Person To Contact.

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- SKU	D	Sent Date	Planned Date:	Reserved Date	For exast Date *	my theid	Payment Term.	Person To Contact	My Enage	No.
A ZUPCTHON TONE	13		05/39/20.04		05/19/2014		8			Ref.
							P-12-14	Parent .		mk100601-big
						iny skut carrier	ERS I ARE	Dvant		
			05(28)20.54		05/19/002.4					
			05/18/20 14		05/19/2014					

<u>Custom fields and roles in the column configurator:</u> See here the four custom columns: My Image, My Field, Payment Term, Person To Contact.





2.1.2 Configuration

PLM Manager Steps

- 1. Go to Data Configuration Extend Data Model
- 2. Extend SKU item
- 3. Right click on ColorApproval Add custom fields and custom roles :
 - Add a String CustomField named MyField
 - Add a Pick list CustomRole named PaymentTerm
 - Add a Pick list CustomRole named PersonToContact and checked "Allow multiple"
 - Add a Document Target named MyImage

Configure the Screens SKU Form and SKU Grid in the product

To be able to use the Custom Field and Custom Roles in the SKU form and in the SKU grid of the product, on your PLM server, open and edit the file Lectra.PDM.SKU.xml under LectraPLMParam\namespaces\custom and add the following XML code.

Step1: declare the "MyConfiguration" block in the SKU form:

Open a panel on Sku "ColorApproval" form and add a fieldset "MyConfiguration", and declare each custom fields and custom roles:

Green color represents translations. See step 3.

Step 2: declare the columns in the SKU grid of the product:

Open the explorereditablegrid of the ColorApproval SKU:

<explorereditablegrid name="skuSearchResultsGrid_ColorApproval"
inherits="skuSearchResultsGrid_default">



Open the colModel (columns) of the ColorApproval SKU and declare the custom fields as columns:

```
<colModel inherits="skuSearchResultsGrid default/colModel">
       <column xsi:type="textcolumn" headerI18n=" MyField " dataIndex="MyField"
       sortIndex="customFields.MyField" editable="true" />
       <column xsi:type="nodecolumn" header118n=" PaymentTerm " dataIndex="PaymentTerm"</pre>
       sortIndex="customRoles.PaymentTerm.name" editable="true" />
       <column xsi:type="nodecolumn" headerI18n=" PersonToContact " propertyFamily="process"
       propertyName="PersonToContact" dataIndex="PersonToContact" editable="true"
       multiselect="true" />
       <column xsi:type="imagecolumn" headerI18n=" MyImage " dataIndex="MyImage" editable="true"
       imageSize="medium">
       <imageEditor inherits="http://lectra.com/pdm/common#defaultImageField"</pre>
       managerRef="productImageField">
       <managerInstance name="Lectra.PDM.Mgrs.imageFieldMgr" />
       </imageEditor>
       </column>
</colModel>
```

The string custom field MyField is sortable.

The **non multiselect** list custom role PaymentTerm is sortable.

The multiselect list custom role PersonToContact is not sortable.

Declare all the dataIndexes of custom fields and the custom roles:

Close the SKU ColorApproval ExplorerGrid

</explorereditablegrid>

Here the view of the consolidate xml Lectra.PDM.SKU.xml under LectraPLMParam\namespaces\custom:

```
<namespace uri="http://lectra.com/pdm/sku/custom" prefix="sku"</pre>
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<panel name="mainPanel ColorApproval" inherits="mainPanel default">
      <fieldset titleI18n="MyConfiguration" position="1">
             <textfield fieldLabelI18n="MonChamp" name="MyField" />
             <nodecombo fieldLabelI18n=" PaymentTerm " hiddenName="PaymentTerm"</pre>
      propertyName="PaymentTerm" propertyFamily="process" multiSelect="false" />
      propertyName="PersonToContact" propertyFamily="process" multiSelect="true" />
             <imagefield name="MyImage" fieldLabelI18n=" MyImage " imageSize="small"</pre>
      inherits="http://lectra.com/pdm/common#defaultImageField" managerRef="smallImageField">
                    <managerInstance name="Lectra.PDM.Mgrs.imageFieldMgr" />
             </imagefield>
      </fieldset>
</panel>
```



```
<explorereditablegrid name="skuSearchResultsGrid_ColorApproval"
inherits="skuSearchResultsGrid default">
<colModel inherits="skuSearchResultsGrid default/colModel">
       <column xsi:type="textcolumn" headerI18n="MonChamp" dataIndex="MyField"
       sortIndex="customFields.MyField" editable="true" />
       <column xsi:type="nodecolumn" headerI18n=" PaymentTerm " dataIndex="PaymentTerm"
       sortIndex="customRoles.PaymentTerm.name" editable="true" />
       <column xsi:type="nodecolumn" headerI18n="P PersonToContact " propertyFamily="process"
       propertyName="PersonToContact" dataIndex=" PersonToContact " editable="true" />
       <column xsi:type="imagecolumn" headerI18n=" MyImage " dataIndex="MyImage" editable="true"
       imageSize="medium">
       <imageEditor inherits="http://lectra.com/pdm/common#defaultImageField"</pre>
       managerRef="productImageField">
       <managerInstance name="Lectra.PDM.Mgrs.imageFieldMgr" />
       </imageEditor>
       </column>
</colModel>
<store xsi:type="lpfgroupingstore" inherits="skuSearchResultsGrid default/store">
       <dataField name="MyField" />
       <dataField name="PaymentTerm" />
       <dataField name="PersonToContact" />
       <dataField name="MyImage" />
</store>
</explorereditablegrid>
</namespace>
```

Step 3: declare the translations :

On the server edit the file: PLM-Fashion\PDM\LectraPLMParam\i18n\xIs\custom\messagesCusto_en.properties.xml.

Copy/Paste the following content at the end of the file:

MyConfiguration =My Configuration MyField =My Field PaymentTerm =Payment Term PersonToContact =Person To Contact MyImage =My Image

Save the file.



2.2 SKU global Search

2.2.1 Case

Configure the global search SKU menu to be able to search on the custom fields and the custom roles that you have declared in the PLM Manager.

PLM Illustration SKU Global Search: Here we see the search criteria My Field, Payment Term, Person To Contact and in the result the columns: My Image, My Field, Payment Term, Person To Contact. Configurators are also impacted.



2.2.2 Configuration

PLM Manager Steps

- 1. Prerequisite: you have configured as above your customFields and CutomRoles in the menu Data Configuration->Extend Data Model.
- 2. Import your Search Criteria on MyField, PaymentTerm and PersonToContact :
 - Create a new .xls file, and paste (in A1 cell) the table below



Entity Type	Entity Configura	Field Name	Field Path	Field Type	Field Type Configuration (Field
productmana	ColorApproval	PaymentTerm	customRoles.PaymentTerm	core.Property	process/PaymentTerm	false
productmana	ColorApproval	MyField	customFields.MyField	core.customdef	initions.StringDef	
productmana	ColorApproval	PersonToContact	customRoles.PersonToContact	core.Property	process/PersonToContact	true

- In PLM Manager, select Data Configuration / Define Search Criteria
- Select SKU/SKU_ColorApproval item and click on Import
- Search and import .xls created file

Configure the Screens SKU Form and SKU Grid in the product

To be able to use the Custom Field and Custom Roles as Search Criteria and in the result Skus grid, on your PLM server, open and edit the file Lectra.PDM.Search.SKU.xml under LectraPLMParam\namespaces\custom and add the following XML code:



Step1: declare Search criteria in the bloc SKUGeneralInfo

Open the Panel on SKU ColorApproval, declare the panel MyConfiguration with custom fields and custom roles:

```
<panel name="criteria_ColorApproval">
       <panel region="north" name="ConfigInstance" inherits="Configuration" />
       <panel region="center" name="accordionInstance" inherits="accordionPanel">
         <panel titleI18n="MyConfiguration" name="MyConfiguration" collapsible="true"</pre>
              layout="form">
              <defaults anchor="100%" />
              <textfield name="MyField.values" fieldLabelI18n=" MyField " value=""
              chkVisible="true" />
              <nodecombo fieldLabelI18n=" PaymentTerm " propertyFamily="process"</pre>
              propertyName="PaymentTerm" hiddenName="PaymentTerm.values" chkVisible="false"
              multiSelect="false" />
              <nodecombo fieldLabelI18n=" PersonToContact " propertyFamily="process"</pre>
              propertyName="PersonToContact" hiddenName="PersonToContact.values"
              chkVisible="false" multiSelect="true" />
              <!-- change to multiSelect to true for a multiple role -->
         </panel>
       </panel>
</panel>
```

Step2: declare the columns in the SKU grid of General Search

Open the explorereditablegrid of the ColorApproval SKU:

<explorereditablegrid name="resultGrid_ColorApproval" inherits="resultGrid">

Open the colModel (columns) of the ColorApproval SKU and declare the custom fields as columns :

```
<colModel inherits="resultGrid/colModel">
       <column xsi:type="textcolumn" headerI18n=" MyField " dataIndex="MyField"
       sortIndex="customFields.MyField" editable="true" />
       <column xsi:type="nodecolumn" headerI18n=" PaymentTerm " dataIndex="PaymentTerm"
       sortIndex="customRoles.PaymentTerm.name" editable="true" propertyName="PaymentTerm"
       propertyFamily="process" />
       <column xsi:type="nodecolumn" headerI18n=" PersonToContact " dataIndex="PersonToContact"</pre>
       editable="true" propertyName="PersonToContact" propertyFamily="process"
       multiSelect="true" />
       <column xsi:type="imagecolumn" headerI18n=" MyImage " dataIndex="MyImage" editable="true"
       locked="false" imageSize="medium">
              <imageEditor inherits="http://lectra.com/pdm/common#defaultImageField"</pre>
              managerRef="productImageField">
              <managerInstance name="Lectra.PDM.Mgrs.imageFieldMgr" />
              </imageEditor>
       </column>
</colModel>
```

The string custom field MyField is sortable.

The non multiselect list custom role PaymentTerm is sortable.

The *multiselect* list custom role *PersonToContact* is *not* sortable.



Declare all the dataIndexes of custom fields and the custom roles:

Close the SKU ColorApproval explorereditableGrid

</explorereditablegrid>

Note: to declare the Columns below My Image, My Field, Payment Term, Person To Contact, the grammar is exactly the same as in Step2 of the §2.1 but the columns are not declared in the same file

Here is the view of the consolidate xml Lectra.PDM.Search.SKU.xml under LectraPLMParam\namespaces\custom:

```
<namespace uri="http://lectra.com/pdm/search/sku/custom" prefix="searchsku"</pre>
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:common="http://lectra.com/pdm/common">
<panel name="criteria ColorApproval">
       <panel region="north" name="ConfigInstance" inherits="Configuration" />
       cpanel region="center" name="accordionInstance" inherits="accordionPanel">
              <panel titleI18n=" MyConfiguration " name="MyConfiguration" collapsible="true"</pre>
                      layout="form">
              <defaults anchor="100%" />
              <textfield name="MyField.values" fieldLabelI18n="MyField" value=""
              chkVisible="true" />
              <nodecombo fieldLabelI18n=" PaymentTerm " propertyFamily="process"</pre>
              propertyName="PaymentTerm" hiddenName="PaymentTerm.values" chkVisible="false"
              multiSelect="false" />
              <nodecombo fieldLabelI18n=" PersonToContact " propertyFamily="process"</pre>
              propertyName="PersonToContact" hiddenName="PersonToContact.values"
              chkVisible="false" multiSelect="true" />
              <!-- change to multiSelect to true for a multiple role -->
              </panel>
       </panel>
</panel>
<explorereditablegrid name="resultGrid_ColorApproval" inherits="resultGrid">
<colModel inherits="resultGrid/colModel">
       <column xsi:type="textcolumn" headerI18n=" MyField " dataIndex="MyField" sortIndex=
       "customFields.MyField" editable="true" />
       <column xsi:type="nodecolumn" headerI18n=" PaymentTerm " dataIndex="PaymentTerm"
       sortIndex="customRoLes.PaymentTerm.name" editable="true" propertyName="PaymentTerm"
       propertyFamily="process" />
       <column xsi:type="nodecolumn" headerI18n=" PersonToContact " dataIndex="PersonToContact"
       editable="true" propertyName="PersonToContact" propertyFamily="process"
       multiSelect="true" />
       <column xsi:type="imagecolumn" headerI18n=" MyImage " dataIndex="MyImage" editable="true"
       locked="false" imageSize="medium">
       <imageEditor inherits="http://lectra.com/pdm/common#defaultImageField"</pre>
       managerRef="productImageField">
       <managerInstance name="Lectra.PDM.Mgrs.imageFieldMgr" />
       </imageEditor>
```





3. SPEC PACKAGE

3.1 Instruction Custom Spec package - New Configuration

3.1.1 Case

Configure a new spec package named "Theme Board" for Style Category. The specification item is an instruction named "Design Option".



3.1.2 Configuration

3.1.2.1 Design Options Instruction:

PLM Manager Steps

- 1. Menu: Data Configuration->Extend Data Model.
- 2. Branch Instruction: create a configuration named "Design Option".

<u>Screens</u>

To be able use Designs Option instructions Explorer: on your PLM server, open explorerspecitem.xml under LectraPLMParam/ screens and add the following XML code.



3.1.2.2 Theme Board Spec Package

PLM Manager Steps

- 1. Menu: Data Configuration->Extend Data Model.
- 2. Branch Style->specifications: create a specification named "Theme Board".

<u>Screens</u>

On your PLM server, open **ScreensCusto.xml** under **LectraPLMParam** and add the following XML code.

```
<screen name="ProductSpecInstance.PLancheTheme" extends="ProductSpecInstance">
        <block name="description" columns="2">
                <field name="defaultSPImageField" />
        </block>
        <table name="links" customizable="true" title="model.DesignOption"
                thumbView="true"
     thumbField="component.defaultImageField.file.imageSet.mediumImage"
                thumbDescription="component.description"
                thumbTitles="component.codeAlpha1, component.codeAlpha2" sortable="true">
                <column name="linePosition" displayed="false" editable="false" />
                <column name="component.defaultImageField" editable="false" />
                <column name="component.defaultImageField.file.imageSet.mediumImage"
                column name= component.cdefulctimdgef tett.fite.timdgeset
displayed="false" editable="false" />
<column name="component.codeAlpha1" editable="false" />
<column name="component.codeAlpha2" editable="false" />
                <column name="component.description" editable="false" minwidth="150" />
                <column name="component.comment" editable="false" minwidth="150" />
                <column name="comment" editable="true" minwidth="150" />
        </screen>
```

To be able to pick a Design Option in Theme spec package: on your PLM server, open explorer-specitem.xml under LectraPLMParam/ screens and add the following XML code.

To be able to set default attachment image in the form, add



4. BOM BOL COST

No change with the V3R3 customization.

4.1.1 Case

Configure a new BOM Table named GeneralFabrics for Style Category to use Trims and Fabrics components in the same table.

ctr	<mark>a</mark> Fashi	ion PLM	Product Deve	elopment										Your	session expire	s in: 2 H 29 min U	ser: root Hon	ne Help Privacy	Policy Logout
duc	ts • Or	rders • N	laster Attributes -	Basic Items -	Instructions • Instruction	s Templates 🕶 🕴 Adm	inistration 🕶 📔 File	Library - Recent II	tems -										
	1		BOM BOL	Cost AM	: AM study code			đ	8 🔍 🗣 🗳 (ä X 🖨	i 🦾 🔞						Create Modifie	i: September 22 201 I: September 22 201	1 at 10:18:22 by root 1 at 10:21:57 by root
stan	nce BOM-B	BOL-COST3	default Instance	Usable 🖌	Printable 🗹 Instance Type	Branch Status 000	_JustCreated Da	te 09/22/2011 Supp	plier Currency EUR	Synchronize SKL	J Mode Co	lors 💌 Pre	ferences Default	-					
3	Filter																	Lectra Boa	rd »
		C	olors						Si	zes								Attachment	s Attributes
	Omar Black Orang Sugar	ge r Lime						* *	36 - 38 (36-38) 38 - 38 (36-38) 36 - 36 (bASIC) 36 - 38 (bASIC)	**							*	Colors	
	Fabric	s Gene	ral Fabrics 0	perations Sum	mary - Landed Cost Margi	n Control		Breakdow	n display									Suppliers/Ven	dors
(]								s	imulation					Sizes	
[🔲 Image	e	Technical Code	Design Code	Description	Туре	L fecycle State	Suppliers/Vendors	Options	Unit Price	Consumpt.	%Waste	Courtesy	Sizes	Cost	Requested	Proposed	Channels All	
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0		14 14		EB-006	Pink Embellishment	Trims	Data not s inchronized yet		variant1	EUR	piece				EUF	Black	-	Seasons SS2010	

4.1.2 Configuration

PLM Manager Steps

- 1. Menu: Data Configuration->Extend Data Model.
- 2. Branch Style/Style/specifications/Style CostingNG:
 - a. Add a Table named: GeneralFabrics.
 - b. Choose the categories: Fabric and Trims.
 - c. Select Save button
 - d. Select Apply button

Configure the screens to declare the new spectable

On your PLM server, open **ScreensCusto.xml** under **PDM\LectraPLMParam** and add inside <screens> xml tag the following XML code:

GeneralFabrics Bom Table</th <th>></th>	>
<pre><screen <="" name="specPackages.ProductAdvancedCostingInstance.Style" pre=""></screen></pre>	
extends="specPackages.ProductAdvancedCostingInstance" >	
<tabs name="costingTabs"></tabs>	
Declare your new <u spectable name GeneralFabrics>	
<tab <="" i18nkey="GeneralFabrics" name="GeneralFabricsTab" td=""><td></td></tab>	
<pre>associatedDtoName="costBOMSpLinks" autoLoad="true" lockable="true"</pre>	
<pre>lockAction="Lectra.PDM.SpecPackage.Costing.tabLeLock" autoHeight="true"></pre>	
<u>sortable</u> ="true"	
customizable="true"	
<u>scrollable</u> ="true"	
<u>collapsible</u> ="true"	
lockColumn="true"	
displayBbar="true"	



```
maxHeightForFixedCols="380"
                   defaultFixedColumnsNumber="3"
                   displayActionsLabels="false"
                   thumbView="true'
        thumbField="componentProduct.multiMediaBoard.default.fileLink.file.imageSet.mediumImage"
                   thumbDescription="componentProduct.codeAlpha1"
                   enableColId="false"
                   displayTitle="false"
                   xtype="Lectra.PDM.Quirks.BreakdownGridPanel">
                <column name="linePosition" displayed="false" editable="false" sortableBy="linePosition"
showable="false" />
                <column editable="false" name="componentProduct.defaultImageField" minwidth="90"/>
                <column editable="false"
name="componentProduct.multiMediaBoard.default.fileLink.file.imageSet.mediumImage" displayed="false"/>
<!-- only for thumb mode -->
                <column editableIf="componentProduct.local" editable="false"
name="componentProduct.codeAlpha1" minwidth="90" autoComplete="true" canCreate="false"
name="componentProduct.codeAlpha2" minwidth="90" autoComplete="true" canCreate="false"
name="componentProduct.description" minwidth="150"/>
                <column editable="false" name="componentProduct.categoryName" minwidth="90"/>
                <column editable="false" name="componentProduct.productStatus" minwidth="90"/>
                <column editable="true" name="classification" minwidth="90"/>
                <column editable="true" name="position" minwidth="90"/>
<column editable="true" name="role" minwidth="90"/>
                <column editable="true" name="comment" minwidth="150"/>
                <column name="colorInvariant" editable="true" minwidth="90"/>
                <column name="purchaseUnit" editable="false" minwidth="110"/>
                <column name="buyingUnit" editable="false" minwidth="110"/>
                <column name="defaultPurchasePrice" editable="false" minwidth="110"/>
                <column name="suppliers" editable="true" minwidth="110"/>
                <column name="options" editable="true" minwidth="110"/>
                <column editable="true" name="simulation" displayed="true" sortable="false">
                        <column name="BOMUnitPrice" editable="true" sortable="false" minwidth="80"/>
<column name="consumption" editable="true" sortable="false" minwidth="80"/>
                        <column name="wastage" editable="true" sortable="false" minwidth="80"/>
                        <column name="courtesy" editable="true" sortable="false" minwidth="80"/>
                        <column name="size" editable="true" sortable="false" minwidth="80"/>
                        <column name="simulationBOMCost" editable="true" sortable="false" minwidth="80"/>
                </column>
                <column editable="true" name="breakdownColor" displayed="false" sortable="false">
                        <column editable="true" name="requestedColor" minwidth="80"/>
                        <!-- can not use displayed="false" for componentAv : delete the line -->
                        <column editable="true" name="componentAv" minwidth="80"/><column editable="true" name="comment" minwidth="80"/>
                        <column editable="false" name="unitCost" minwidth="80"/>
                        <column editable="true" name="negociatedCost" minwidth="80"/>
                        <column editable="false" name="costBOM" minwidth="80"/>
                </column>
                <column editable="true" name="breakdownNOColor" displayed="false" sortable="false">
                        <column editable="true" name="requestedColor" minwidth="80"/>
                        <!-- can not use displayed="false" for componentAv : delete the line -->
                        <column editable="true" name="componentAv" minwidth="80"/>
                </column>
                <column editable="true" name="breakdownSize" displayed="false" sortable="false">
                        <!-- can not use displayed="false" for componentAv : delete the line -->
                        <column editable="true" name="componentAv" minwidth="80"/>
                        <column editableIf="componentProduct.local" editable="false" name="proposedSizeUnit"
minwidth="80"/>
                        <column editable="true" name="consumptionBOM" minwidth="80"/>
                        <column editable="false" name="unitCost" minwidth="80"/>
                        <column editable="true" name="negociatedCost" minwidth="80"/>
                        <column editable="false" name="costBOM" minwidth="80"/>
                </column>
                <column editable="true" name="breakdownNOSize" displayed="false" sortable="false">
                         <!-- can not use displayed="false" for componentAv : delete the line -->
```



Some observations:

- The Columns of GeneralFabrics tab are a merge of Trims and Fabrics columns.
- Columns no editable (editable="false") could be removed from the GeneralFabrics tab, permitting to reduce the set of columns in this tab.

Next steps:

- restart the PLM.
- After login, reload the PLM configuration

<host>/pdm/admin.SessionMonitor.reloadConfig.wbx

- Create a BOM BOL COST.
- Pick Products (Trims and Fabrics)
- You must obtain a screen like the following :

					—	
Instance Default - Usable Printable C	Туре	× Status GetSVLTestgptsdpwnms	2 P × Date 05/23	2014 Currency 🗖 LectraDefa	ultCurrency 👂 Synchroniz	e SKU 🔲 Mode Colors 🔻
Filter						
Colors				Sizes		
** RED-1 **				XXS (SizeRun-Letter)		
BLUE-1				** XS (SizeRun-Letter) **		
GREEN-1			-	S (SizeRun-Letter)		
TELLOW-1				M (SizeRun-Letter)		
			Dispia			
Styles Fabrics Trims Packaging Label #GeneralFabrics Operati	ons Summary - Landed Cost I	Margin Control				
🖻 New Products 🔊 Pick Products 🖓 Replace 📑 Copy 👔 Paste 😘 Apply to	all colors and sizes 🛭 🏶 Apply to all c	colors 🔥 Apply to all sizes 🛛 🕵 Delet	te 🔻 🔺 🖏 Pus	Default Unit Price to Simulation	Push simulation consump	otion to breakdowns consumpti
Image Technical Code Design Code Description	Type Lifecycle State	Classification Position	Role	Associated Comment	Invariant to C Unit Price	Buying Unit
AdvancedCostingTestnul _Code alpha2 Trim _Description Trims1	Trims 000_JustCreate	ed 🔎 🗙				
1						
AdvancedCostingTestnul_Code alpha2 Trim_Description Trims1	Trims 000_JustCreate	ed P ×				
AdvancedCostingTestrul, Code alpha2 Eab, Description Eabric1	Eabrice 000 JustCreate	d O v	_			
Code aprice rabigressing resolution aprice rabigressing aprice rabigressing resolution aprice rabigressing r	1 80163 000_383616816					
AdvancedCostingTestrul Code alpha2 Fabi Description Fabric1	Fabrics 000 JustCreate	ed O x				
	_				_	
AdvancedCostingTestnul Code alpha2 Trim Description Trims1	Trims 000 JustCreate	ed Q x			Meter	
	-					

For more information on BOM BOL COST customization, you can consult the document Lectra_Fashion_PLM_V4R1_Configuration_Exercises.pptx (page 29).



5. CALENDAR

5.1 Steps

5.1.1 How customize steps in Time & Actions?

5.1.1.1 How to add a custom field "Task Type" applied to tasks and use it in Time & Actions?

PLM Manager Steps

- 1. Go to Data Configuration Extend Data Model
- 2. Extend Calendar Management item
- 3. Right click on Task Add custom field
- 4. Add field named taskType as String field

Screen custo

On file **namespaces/custom/Lectra.PDM.TimeAndAction.xml**, between <namespace> tags, add the following XML code:

```
<pdmbasicgrid name="planningGrid_custom" inherits="planningGrid_default">
        <colModel inherits="planningGrid_default/colModel">
            <colModel inherits="planningGrid_default/colModel">
            <colModel inherits="planningGrid_default/colModel">
            <colModel="taskType" editable="true"
            headerI18n="label.task.taskType" sortable="true" />
            </colModel>
        <store xsi:type="lpfdirectstore" inherits="planningGrid_default/store">
            <dataField name="taskType" />
            </store>
        </pdmbasicgrid>
```



Screen Result

stance Cobristy BLa Defail	🖌 Linzie 🖌 Histable 🖌 Type Statu	Date 05/ 8/2014									
tran	Donan Time & Actions										
CONTRACTOR CONTRACTOR CONTRACTOR	Elifeseire Discheidule II Pause	Plening		Attache	ents Ambuo						
- 580	Process Diternal/Process - Current Lifecyle State 3/Mail Lifecyle State - Hallunov -Cite 05/96/2014 - By = - Banture By =										
SECONDA TORS	Scheduled Start 05/36/2014 +	Scheduled Freih 0/10/2014 + 3.0 · Firmant Freid 0	8/13/2014								
- SUBSE 1		1	A REAL PROPERTY AND A REAL								
	HEROLOGIA SOLUTION	connerts attactment	Public Law Law Type								
				5							
	K. Galagier To Do			-11							
	B. Mcclure To be Vaidated C. Bartan	0	1	- d							
	2. Petty To Do K. Galagrer		1								
	O. Rasmasen To Do										
	Q, Wels To be Vadated		1	- 1							
	B. Hodure To Do C. Downy D. Plance			-							
	W. Marshall To be Vaidated										
	K. Galagter To Do K. Shav										
	O. Lindery To Do										
	J. Petty To Do K. Galagner										
			1	6							

5.1.1.2 How to add a new field "Deliverable document" to Lifecycle States?

PLM Manager

- 1. Go to Data Configuration Extend Data Model
- 2. Extend Calendar Management item
- 3. Right click on LifeCycleState Add custom role
- 4. Add a field named deliverableDoc as Document target field

Screen custo

On file **namespaces/custom/Lectra.PDM.TimeAndAction.xml**, to add new column Deliverable document, update XML with adding a new column and a new dataField:





Instance Colonialy Blue Defini	J → Laurie → Hertable → Tipe Status Date 05/A/2014		
n +	Donan Time & Action		* Lectra Board
CONTRALITIES Longitur 200 al	Elitesetive (Biscledule III Pause Pierring		Attachments Attribu
- 94.0	Process: InternalProcess - Current Lifecyle State: 298al Lifecyle State - millionon -One: 05/26/2014 - Ity	Sentre - · By -	and Service and
~ SPECIFICATIONS	Schedied Start 25/36/2014 - Scheduled Instit 06/35/2014 + 20 - Furnant Peak 06/33/2014		
×/3013755			
	Status Comments Attachment #label.taik.taikType	#label.lcs.deliverabliCoc	
	Vuldanc	0	J I
	Te De		Ť
	To be Vaidated		4
	Te De		
	79 D0		
	To be Vaidated	1	4
	To De		
	To be Vasiated		Ĭ
	To Do		
	To Do		
	TeDe		
	To Do		T



5.1.1.3 How to add a new field "Time Spent" to both Lifecycle States and tasks?

PLM Manager

- 1. Go to Data Configuration Extend Data Model
- 2. Extend Calendar Management item
- 3. Right click on LifeCycleState Add custom field
- 4. Add field named timeSpent as Integer field
- 5. Right click on Tasks Add custom field
- 6. Add field named timeSpent as Integer field

Screen custo

On file **namespaces/custom/Lectra.PDM.TimeAndAction.xml**, between colModel tags, below previous columns added, add the following XML code:

```
<column xsi:type="numbercolumn" sortable="true" dataIndex="timeSpent" format="0"
headerI18n="label.step.timeSpent" editable="true">
<editorField xsi:type="spinnerfield" allowDecimals="false" />
</column>
```

NB: <editorField> tag is optional, it changes field into spinner field and prohibits decimals.

And between store tags, below previous column added, add the following XML code :

<dataField name="timeSpent" />



Instance Colorway Blue Definit	r 🛩 Usale 🛩 Rintable 🖌 Type Star	har Date 05/ A/201	14					
lana Langung sa	Donan Time & Actions							- Lectu Board
End in a	EDDooelee 10 Sciencie III Paul	se Pienning						Attachments Attribut
~ 901	Process Internal Process +							
 SFECH-CATLONS SOMETRIES 	Schedded Start 05/16/2014	 Scheduled linesh 	06/10/2014 = 3	D · Forecast Prest 06/13/	2014			
	Scheduled FL. Duration.	Resourcest	Status	#label.task.taskType	#abel.ks.deli-erabikDac	#abel.step.tmeSpert		
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	0554(2014	1 _ Petty K Galaghe	79.06			1		
	0004/2014	2 6. Raemussen	'e De					
	-/ • DERD1/2014	8 & Wels	To be Valdated				- 0	
	0.0603/2014	2 S. Modure C. Downs B. Porus	19 Do				-	
	D6/08/2014	8 IV. Harshel	To be Validited			1		
	06/16/2014	0 K. Galagher £ Shaw	Te Do			1	-	
	00110/2014	0 0. Undery	Te Do					
	at 4 06/10/0014	0Petty K. Gallacher	76 D0			-		
	at (00/10/2014	0.7.Pinds	76.06			1	9	
	1.0	11				-	1	



5.1.2 How to implement this customization to the Subset Explorer?

5.1.2.1 In subset explorer, with Calendar configuration, how to display new custom fields on tasks?

Screen custo

On file **namespaces/custom/Lectra.PDM.Search.Assortment.xml**, between namespace tags, add the following XML code

<explorereditablegrid <="" name="resultGrid_with_workflow_custo" th=""></explorereditablegrid>
inherits="resultGrid_with_workflow_default">
<colmodel inherits="resultGrid_with_workflow_default/colModel"></colmodel>
<store <="" td="" xsi:type="lpfdirectstore"></store>
inherits="resultGrid_with_workflow_default/store" >
<datafield <br="" genstepfield="deliverableDoc" name="\${#stepPath}.deliverableDoc">arrayIndex="true" /></datafield>
<datafield <br="" genstepfield="timeSpent" name="\${#stepPath}.timeSpent">arrayIndex="true" /></datafield>
<proupcolumn inherits="taskColumns_default" name="taskColumns_custo"></proupcolumn>
<pre><column <="" dataindex="\${#stepPath}.taskType" pre="" xs1:type="textcolumn"></column></pre>
headerII8n="label.task.taskType" name="taskType" id="\${#stepId}_taskType"
width="100" editable="true" sortable="true" w+Groupable="true" />
<column <="" sortable="true" td="" xsi:type="numbercolumn"></column>
<pre>dataIndex="\${#stepPath}.timeSpent" format="0"</pre>
<pre>dataIndex="\${#stepPath}.timeSpent" format="0" headerI18n="label.step.timeSpent" editable="true" name="timeSpent"</pre>
<pre>dataIndex="\${#stepPath}.timeSpent" format="0" headerI18n="label.step.timeSpent" editable="true" name="timeSpent" id="\${#stepId}_timeSpent" wfGroupable="true" ></pre>
<pre>dataIndex="\${#stepPath}.timeSpent" format="0" headerI18n="label.step.timeSpent" editable="true" name="timeSpent" id="\${#stepId}_timeSpent" wfGroupable="true" > <editorfield allowdecimals="false" xsi:type="spinnerfield"></editorfield></pre>
<pre>dataIndex="\${#stepPath}.timeSpent" format="0" headerI18n="label.step.timeSpent" editable="true" name="timeSpent" id="\${#stepId}_timeSpent" wfGroupable="true" ></pre>

NB: Make sure *<column>* tags have to be mutually identical in two custom files (Lectra.PDM.Search.Assortment.xml and Lectra.PDM.TimeAndAction.xml), except for some differences:

- 1. <*column*> tags have to include attributes in Lectra.PDM.Search.Assortment.xml (XXX is custom field name) :
 - dataIndex="\${#stepPath}.XXX"
 - name="XXX"
 - id="\${#stepId}_XXX"
 - wfGroupable="true"
- 2. <dataField> tags have to include attributes in Lectra.PDM.Search.Assortment.xml :
 - genStepField ="XXX"
 - name="\${#stepPath}.XXX"
 - arrayIndex="true"







5.1.2.2 How to display new Lifecycle states custom fields too?

Screen custo

On file namespaces/custom/Lectra.PDM.Search.Assortment.xml, add the following XML code:

```
<groupcolumn name="lcsColumns_custo" inherits="lcsColumns_default" >
  <column xsi:type="imagecolumn" dataIndex="${#stepPath}.deliverableDoc"
    imageSize="medium" hideThumbnail="true" showLabel="true"
    headerI18n="label.lcs.deliverableDoc" name="deliverableDoc"
    id="${#stepId}_deliverableDoc" wfGroupable="true" editable="true">
       <imageEditor inherits="http://lectra.com/pdm/common#defaultImageField"</pre>
        managerRef="mediumImageField">
           <managerInstance name="Lectra.PDM.Mgrs.imageFieldMgr"/>
       </imageEditor>
  </column>
  <column xsi:type="numbercolumn" sortable="true"
    dataIndex="${#stepPath}.timeSpent" format="0"
    headerI18n="label.step.timeSpent" editable="true" name="timeSpent"
    id="${#stepId} timeSpent" wfGroupable="true" >
     <editorField xsi:type="spinnerfield" allowDecimals="false" />
  </column>
</groupcolumn>
```

And between explorereditablegrid / store tags, below previous dataField added, add the following XML code:

<dataField name="\${#stepPath}.taskType" genStepField="taskType" arrayIndex="true" />



Screen result (columns configurator)







5.1.2.3 Result display when steps expanded



5.1.2.4 Update new custom fields values in Time&Action screen of first displayed subset

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		Colorway Blue	Validated on	twoParameter.j	12	To Do before	20	Design
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						K. Gallagher		
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5.1.2.5 Compare values in the subset explorer



5.2 Planning

5.2.1 How to customize schedules in Time & Actions?

5.2.1.1 How to add a custom long text field "Notes" applied to schedules in the Time & Actions, below standard schedule fields?

PLM Manager

- 3. Go to Data Configuration Extend Data Model
- 4. Extend Calendar Management item
- 5. Right click on Schedule Add custom field
- 6. Add field named notes as Long string field

Screen custo

On file **namespaces/custom/Lectra.PDM.TimeAndAction.xml**, between *namespace* tags, add the following XML code

```
<fieldset name="fieldsetform_custom" inherits="fieldsetform_default">
        <textarea name="notes" fieldLabelI18n="label.planning.notes"
        dataIndex="notes"/>
        </fieldset>
```

5.2.1.2 How to add a custom date field "Deadline" applied to planning in Time & Actions, beside standard planning dates?

PLM Manager

- 1. Go to Data Configuration Extend Data Model
- 2. Extend Calendar Management item
- 3. Right click on Schedule Add custom field
- 4. Add field named deadlineDate as Date field

Screen custo

On file **namespaces/custom/Lectra.PDM.TimeAndAction.xml**, between *namespace* tags, add the following XML code

```
<fieldset name="fieldsetform_date_custom" inherits="fieldsetform_date_default" >
    <datefield name="deadlineDate" fieldLabelI18n="label.planning.deadlineDate"
    dataIndex="deadlineDate"/>
</fieldset>
```

NB : fieldset named "fieldsetform_custom" is used for first line of planning attributes (with Process, Current Lifecycle State etc.), while fieldset named "fieldsetform_date_custom" is used for second line of schedule attributes (with dates : Scheduled Start, Scheduled finish etc.)



Screen Result

In edit mode:

nstance Colorway Blue			Default 🗸 Us	able 🖉 Printable 🖉 Type	1	< Status	P × Date	05/16/2014
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lame	Predecessor(s)	Scheduled Fi	Duration Resource(s)	Status Commer	29 30 1 2 3	4 5		
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300 Quality Validation 🔞	Quality Specification	06/09/2014	6 W. Marshali	To be Validated				
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Technical Package Done	Production Departure Boa	at 06/10/2014	0 J. Petty K. Gallanher	To Do				



In display mode, after save:





5.2.1.3 How to find custom field "Notes" on Subset Explorer, whatever calendar configuration used?

Screen custo

On file **namespaces/custom/Lectra.PDM.Search.Assortment.xml**, between namespace tags, add the following XML code

<explorereditablegrid <="" name="resultGrid_with_workflow_custo" th=""></explorereditablegrid>
inherits="resultGrid_with_workflow_default">
<colmodel inherits="resultGrid_with_workflow_default/colModel"></colmodel>
<column <="" dataindex="workflowData.planning.notes" td="" xsi:type="longtextcolumn"></column>
headerI18n="label.planning.notes" editable="true" />
<store <="" td="" xsi:type="lpfdirectstore"></store>
inherits="resultGrid_with_workflow_default/store" >
<datafield name="workflowData.planning.notes"></datafield>

NB: In Subset explorer, custom schedule fields have to be prefixed by "workflowData.planning" in dataIndex of column and in dataField of store.

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5.2.1.4 How to add custom field "Deadline" on Subset Explorer, only with "Colorways with deadline" configuration?

Screen custo

On file **namespaces/custom/Lectra.PDM.Search.Assortment.xml**, after first <*explorereditablegrid*> added, add the following XML code:

<explorereditablegrid <="" name="resultGrid_Colorways_StylePlana" th=""></explorereditablegrid>
inherits="resultGrid_with_workflow_custo">
<colmodel inherits="resultGrid_with_workflow_custo/colModel"></colmodel>
<column <="" td="" xsi:type="datecolumn"></column>
dataIndex="workflowData.planning.deadlineDate"
headerI18n="label.planning.deadlineDate" editable="true"/>
<pre><store <="" pre="" xsi:type="lpfdirectstore"></store></pre>
inherits="resultGrid_with_workflow_custo/store">
<pre><datafield name="workflowData.planning.deadlineDate"></datafield></pre>

NB: To keep previous custo and inherits "resultGrid_Colorways_StylePlana" of "resultGrid_with_workflow_custo", all **resultGrid_with_workflow_default** references have to be replaced by **resultGrid_with_workflow_custo**.

NB2: Configuration name suffix "Colorways_StylePlana" is the Configuration key, defined in PLM Manager and translated in **Administration > Internationalization** on PDM.



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5.2.1.5 How to create the associated search criteria?

PLM Manager

1. Create a new .xls file, and paste (in A1 cell) the table below

{core	{core.	{core.qualifica	{core.qualification.SearchableBinding}.conditionDefs	{co	{core.qualifi	{core.qualifi	{core.qual
Entit	Entity	Field Name	Field Path	Fie	Field Type	Field Type C	Field Type
prod	Color	taskType	workflowData.planning.tasks.customFields.taskType		core.custom	definitions.S	tringDef
prod	Color	taskTimeSpen	workflowData.planning.tasks.customFields.timeSpent	t	core.custom	definitions.Ir	ntdef
prod	Color	lcsTimeSpent	workflowData.planning.states.customFields.timeSper	nt	core.custom	definitions.Ir	ntdef
prod	Color	deadlineDate	workflowData.planning.customFields.deadlineDate		core.custom	definitions.D	ateDef
prod	Color	notes	workflowData.planning.customFields.notes		core.custom	definitions.Lo	ongStringDe

- 2. In PLM Manager, select Data Configuration / Define Search Criteria
- 3. Select Partition_Colorways_StylePlana and click on Import
- 4. Search and import .xls created file

Screen custo

On file **namespaces/custom/Lectra.PDM.Search.Assortment.xml**, between namespace tags, add the following XML code

```
<panel name="criteria_Colorways_StylePlana" >
  <panel region="north" name="ConfigInstance" inherits="Configuration" />
  <panel region="center" name="accordionInstance" inherits="accordionPanel">
     <panel inherits="partition"/>
     <panel inherits="partitionAxis"/>
     <panel
       inherits="http://lectra.com/pdm/search/tna#explorer_criteria/workflow"
       layout="form" >
        <datefield fieldLabelI18n="label.search.deadlineDate"</pre>
         name="deadlineDate.values"
         hiddenName="deadlineDate" width="100" chkVisible="true" />
        <textarea name="notes.values" fieldLabelI18n="label.search.notes"
         value="" chkVisible="true"/>
     </panel>
     <panel inherits="http://lectra.com/pdm/search/tna#explorer_criteria/task"</pre>
       layout="form" >
        <textfield fieldLabelI18n="label.search.taskType" name="taskType.values"
         hiddenName="taskType" chkVisible="true" />
        <numberfield fieldLabelI18n="label.search.taskTimeSpent"
         name="taskTimeSpent.values" hiddenName="taskTimeSpent"
         chkVisible="true"/>
        <numberfield fieldLabelI18n="label.search.lcsTimeSpent"
          name="lcsTimeSpent.values" hiddenName="lcsTimeSpent"
          chkVisible="true" />
     </panel>
  </panel>
</panel>
```



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6. SUBSETS

6.1 Subset instance

6.1.1.1 How to add two custom fields "Critical State" (Boolean) and "Comments" (String) to "Deliveries" configuration?

PLM Manager

- 1. Go to Data Configuration Extend Data Model
- 2. Extend Subset item
- 3. Right click on Deliveries Add custom field
- 4. Add field named criticalState as Boolean field
- 5. Right click on Deliveries Add custom field
- 6. Add field named comment as String field

Screen custo

Edit the file screensCusto.xml (LectraPLMParam folder on the server) and declare your assortment by adding the following XML code.

```
<screen name="ProductPartition" displayCustoms="false">
   <icons>
     <icon name="defaultImageField"/>
   </icons>
   <!--
                 Composition of title of header -->
   <block name="header" displayed="false" columns="4" template="header">
     <field name="product.codeALpha1" editable="false" alias="code1"/>
<field name="product.codeALpha2" editable="false" alias="code2"/>
<field name="product.version.number" editable="false" alias="version"/>
   </block>
                 Header navigation definition -->
   <!--
   <block name="navheader" displayed="false"</pre>
    template="navheaders/NavHeader.html">
      <block name="navheaderCommon" displayed="false"</pre>
       template="navheaders/NavFields.html">
         <field name="defaultInstance" alias="defaultInstance" editable="false"/>
         <field name="usable" alias="usable"/>
         <field name="tobePrinted" alias="printable" editable="true"/>
         <field name="partitionType" alias="partitionType" editable="true"/>
         <field name="partitionStatus" alias="partitionStatus" editable="true"/>
         <field name="statusDate" alias="statusDate" editable="false" />
      </block>
      <block name="navheaderExtra" displayed="true"</pre>
       template="navheaders/NavFields.html">
         <field name="criticalState" alias="criticalState" editable="true" />
         <field name="comment" alias="comment" editable="true" />
      </block>
   </block>
   21 ---
                 Storyboard -->
   <block name="storyBoard" displayed="false"</pre>
    template="screens/Block Content.html">
   <tabs name="multiMediaBoardAndAxisTabs" tabPosition="top">
      <tab i18nKey="action.toggle.storyBoard" name="multiMediaBoardTab"
      displayed="true" icon="attachement.png">
```



```
<block name="multiMediaBoardContainer" template="board/Board.html">
     <!-- here will come the storyboard block define in the root screen -->
     </block>
  </tab>
  <tab i18nKey="ProductPartition.axis" name="axisTab" displayed="true"
    autoLoad="true" autoHeight="true" layout="form" padding="5"
    labelAlign="top" border="false">
     <block name="axisBoardContainer" template="axisBoard/AxisBoard.html"</pre>
     displayed="true">
        <field name="colors" />
        <field name="sizes" />
        <field name="suppliers" />
        <field name="channels" />
        <field name="businessCategorys" />
        <field name="seasons" />
        <field name="themes" />
        <field name="brands" />
        <field name="divisions" />
        <field name="options" />
        <field name="genders" />
     </block>
  </tab>
</tabs>
<block>
<block name="multiMediaBoard" displayed="false" columns="1"</pre>
 template="storyboard">
  <field name="fileLink" editable="false" alias="fileLink"/>
  <field name="comment" editable="false" alias="comment"/>
</block>
<!-- tabs -->
<tabs id="partitionTabs" name="partitionTabs" displayed="true"
tabManager="com.lectra.pdm.webapp.tabs.ProductPartitionTabManager"
resizerCt="centerPanel">
<!-- Domain tab -->
  <tab name="domain" i18nKey="ProductPartition.domain" icon="icons/table.png"
  autoHeight="true" autoLoad="true">
     <block name="content">
        <table name="partitionRow"
          customizable="true"
          sortable="true"
          rowCheckable="false"
          title="PartitionContent"
          xtype="Lectra.PDM.Partition.MatrixGrid"
          collapsible="false"
          resizable="false"
resizerCt="tabPanel.ProductPartition.partitionTabs"
          maxHeightForFixedCols="600">
           <column name="defaultValue" editable="true" showable="true"
           displayed="true" sortable="true" />
        </block>
  </tab>
  <!-- Workflow tab -->
  <tab name="workFlow" i18nKey="TimeAndActions"
    lpfExtPath=<u>http://lectra.com/pdm/timeandaction#generalPanel</u>
    extendedProfileTag="TATab">
  </tab>
  <tab name="workflowTabWarning" i18nKey="workflowTabWarning"
    directChild="true"
    displayed="false" >
      <block name="errorinfo" template="switch/workflowTabWarning.html" />
  </tab>
</tabs>
```



```
<!-- Tracking area (bottom of the screen) -->
  <tabs name="trackingChangeZone" displayed="false">
     <tab name="changeZone" i18nKey="ProductGO.changeZone" autoLoad="false"
      directChild="true">
     </tab>
     <tab name="actionsHistoryZone" i18nKey="ProductGO.actionsHistoryZone"</pre>
      lpfExtPath="http://lectra.com/pdm/changetracking#actionsHistoryGrid" />
  </tabs>
  <block name="supplier" displayed="false">
     <table name="supplierTasks"
      defaultColumn="default" customizable="true" maxHeightForFixedCols="200"
      <column name="opened" editable="true" sortable="false"/>
       <column name="usable" editable="true" sortable="false"/>
       <column name="proposedDate" editable="true"/>
       <column name="comment" editable="true"/>
     </block>
              This block is used as a Screen in the saveAs popup -->
  <!--
  <block name="saveAs" displayed="false" columns="1"</pre>
   template="partition/PartitionSaveAsPopup.html" >
     <block name="identification" >
       <field name="name" editable="true"/>
     </block>
  </block>
</screen>
```







6.1 Subsets explorer

6.1.1.1 In subset explorer, with Deliveries configuration, how to see new custom fields?

Screen custo

On file **namespaces/custom/Lectra.PDM.Search.Assortment.xml**, between *<namespace>* tags, add the following XML code



Lectra Fashio	on PLM Product Dev	veloper						Your session exp	ires in: 2 H 29 min User: r	oot Home Help Logout
Products • Orde	rs • Master Attributes •	Basic Items •	Instructions • In	structions Template	s • Administratio	n • File Library •	Recent Items •			
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(Search Criteria			Search Result						My 10 D	
Jean en en en en			No criteria							
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			Product Med	Product Tec	Product Desi	Product Cat	Name		Comments	Critical State
My Criteria Set	Create/Select Criteria Set	× 🖬		RB45L-01	R845L	Style	Delivery TRA		Delivery not	e 🗸
Category	Styles	× •								
Configuration	Deliveries	× •								
A PRODUCT DESC	RIPTION	*						_		
Technical Code										
Design Code										
Description	-	-								
Reference Version		~								
V PRODUCT CLAS	SIFICATION		1							
✓ SUBSETS			1							
✓ ATTRIBUTES		ļ	1							
V TIME & ACTION	is.									
✓ STEP										
								4		>
Search Se	lection (0)		H I Page	1 of 1 🕨 🕅	2 Elements	per Page 25 👻	1			Displaying 1 - 1 of 1



6.1.1.2 How to create the associated search criteria?

PLM Manager

1. Create a new .xls file, and paste (in A1 cell) the table below

{core.qualification.Se	{core.qualific	{core.qualifica	{core.qualification.Se	{cor	{core.qualifi	{core.qualifi	{core.qual
Entity Type	Entity Configu	Field Name	Field Path	Fiel	Field Type	Field Type C	Field Type
productmanagement	Deliveries	comment	customFields.comme	nt	core.custom	definitions.St	tringDef
productmanagement	Deliveries	criticalState	customFields.criticalS	tate	core.custom	definitions.B	ooleanDef

- 2. In PLM Manager, select Data Configuration / Define Search Criteria
- 3. Select Partition_Deliveries and click on Import
- 4. Search and import .xls created file

Screen custo

On file **namespaces/custom/Lectra.PDM.Search.Assortment.xml**, between *<namespace>* tags, add the following XML code to add comment field in "partition" criteria panel:

Lectra Fashio	on PLM Pr	roduct Dev	eloper						Your session	expires in: 2 H 29 min User: root	Home Help Logout
Products• Orde	IRCETC		Basic Items •	Instructions • 1	nstructions Template	s • Administration	h ▼ File Library	Recent Items			
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										My To Do Lis	t 0 0 🖸
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			-	Product Med	Product Tec	Product Desi	Product Cat	Name		Comments	Critical State
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Category			~								
Configuration	Delveries		× •								
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* ATTRIBUTES											
											5
Search Se	election (0)			14 4 Page	1 of 1	Eenents ;	per Page 25 💌				Displaying 1 - 1 of 1



Screen custo

On file **namespaces/custom/Lectra.PDM.Search.Assortment.xml**, to create a new search criteria panel and add criticalState criteria, update XML with adding a new panel:

<pre><pre>cpanel name="criteria_Deliveries" ></pre></pre>
<pre><pre>cypanel region="north" name="ConfigInstance" inherits="Configuration" /></pre></pre>
<pre><pre>cpanel region="center" name="accordionInstance" inherits="accordionPanel" ></pre></pre>
<pre><pre><pre><pre>inherits="partition" ></pre></pre></pre></pre>
<textfield <="" fieldlabeli18n="comment" name="comment.values" th=""></textfield>
hiddenName="comment" chkVisible="true"/>
<pre><panel inherits="partitionAxis"></panel></pre>
<pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>
layout="form">
<pre><defaults anchor="100%"></defaults></pre>
<twincombo <="" fieldlabeli18n="criticalState" th=""></twincombo>
hiddenName="criticalState.values"
<pre>inherits="<u>http://lectra.com/pdm/common#yesno</u>"</pre>
<pre>conditionCtrl="com.lectra.lpf.uimodel.FeatureFilter"</pre>
<pre></pre>

Lectra Fashion PLM Produce Products• Orders• Master Attribu	t Developer	Instructions • 1	nstructions Template	es • Administratio	n • File Library •	Recent Items	Your session	n expires in: 2 H 29 min User: root	Home Help Logout
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7. COLLECTION PLAN

7.1 Detail Collection Plan screen

7.1.1 How customize General Data in detail Collection Plan screen ?

Let's add custom fields and custom roles in General Data :

PLM Manager Steps

- 1. Go to Data Configuration Extend Data Model
- 2. Extend Collection Management item
- 3. Right click on Collection Plan Add custom field / Add custom role
- 4. Add fields / roles named:
 - a. **CP_LongString** as Long string field
 - b. CP_Int as Integer field
 - c. CP_Date as Date field
 - d. CP_Boolean as Boolean field
 - e. CP_Country_Multi as Country process Pick List allowing multiple
 - f. CP_Country_Single as Country process Pick List
 - g. CP_Doc as Document Target
 - h. CP_Color as Marketing Color

Screen custo

On file **namespaces/custom/Lectra.PDM.CollectionPlan.CollectionPlan.xml**, between *<panel inherits="detailsEdit/detailsEditCenter" overflowX="auto" overflowY="auto" layout="form"> tags, add the following XML code:*

```
<textarea name="CP LongString" fieldLabelI18n="custom.cp.label.longstring" height="100" width="500" margin="10 0 0 10">
        <bind readOnly="f!isPageEditable}" value="fcollectionPlan.CP LongString}" />
</textarea>
<checkbox name="CP Boolean" fieldLabelI18n="custom.cp.label.boolean" margin="10 0 0 10">
        <bind readOnly="{/isPageEditable}" value="{collectionPlan.CP Boolean}" />
</checkbox>
<integerfield name="CP Int" fieldLabelI18n="custom.cp.label.int" margin="10 0 0 10">
        <bind readOnly="{!isPageEditable}" value="{collectionPlan.CP Int}" />
</integerfield>
<datefield name="CP Date" fieldLabelI18n="custom.cp.labeL.date" margin="10 0 0 10" width="250">
        <bind readOnly="{!isPageEditable}" value="{collectionPlan.CP Date}" />
</datefield>
<nodecombo name="CP Country Multi" multiSelect="true" propertyName="Country" formatOuery="false" fieldLabelI18n="custom.cp.label.hvl.country.multi" width="300" margin="10 0 0</pre>
10">
        <bind readOnly="{!isPaaeEditable}" value="{collectionPlan.CP Country Multi}" />
</nodecombo>
<nodecombo name="CP Country Single" multiSelect="false" displayField="path" propertyName="Country" formatQuery="false" fieldLabelI18n="custom.cp.label.hvl.country.sinale"</pre>
width="300" margin="10 0 0 10">
        <bind readOnly="{!isPageEditable}" value="{collectionPlan.CP Country Single}" />
</nodecombo>
<imagefield name="CP Doc" fieldLabelI18n="custom.cp.label.document" useREST="true"</pre>
                                inherits="http://lectra.com/pdm/common#defaultImageFieldEXT5" managerRef="selSmallImageField" imageWidth="96" imageHeight="96">
        <managerInstance name="Lectra.PDM.Mars.imageFieldRestMar" />
<bind readOnly="{/isPageEditable}" fileLinkObj="{collectionPlan.CP Doc}" />
</imagefield>
<envitemcombo name="CP Color" hiddenName="CP_Color" envItemType="MarketingColor" hideTrigger2="true" fieldLabelI18n="custom.cp.labeL.envitem.color" pageSize="25" >
        <bind readOnly="{!isPageEditable}" value="{collectionPlan.CP Color}" />
</envitemcombo>
```

Translations

Add i18 keys and their value by modifying the PLM-Fashion\PDM\LectraPLMParam\i18n\xls\custom\messagesCusto_en.properties file:

custom.cp.label.longstring=Other comment	
<pre>custom.cp.label.boolean=To improve</pre>	
custom.cp.label.int= <u>Prevision</u>	
<pre>custom.cp.label.date= End</pre>	
<pre>custom.cp.label.hvl.country.multi= Countries</pre>	
<pre>custom.cp.label.hvl.country.single=Original count</pre>	ry
<pre>custom.cp.label.document=Add idea</pre>	
<pre>custom.cp.label.envitem.color=Main color</pre>	
custom.cp.rp.label.date= <u>Begining</u>	
<pre>custom.cp.rp.label.boolean= Stop</pre>	
<pre>custom.cp.rp.label.string=Comment 2</pre>	
<pre>custom.cp.rp.label.hvl.country.multi= Countries</pre>	
<pre>custom.cp.rp.label.hvl.country.single= Country</pre>	
<pre>custom.cp.rp.label.document=Recent image</pre>	

Do the same for other language if needed (example : messagesCusto_fr.properties etc.)



Screen Result - display mode

Screen Result - edit mode



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7.1.2 How customize Slot Breakdown Grid in detail Collection Plan screen?

Let's add custom fields and custom roles in Slot Breakdown Grid :

PLM Manager Steps

- 1. Go to Data Configuration Extend Data Model
- 2. Extend Collection Management item
- 3. Right click on Slot Breakdown Add custom field / Add custom role
- 4. Add fields / roles named:
 - a. CP_RP_String as String field
 - b. CP_RP _Date as Date field
 - c. CP_RP _Boolean as Boolean field
 - d. CP_RP_Country_Multi as Country process Pick List allowing multiple
 - e. CP_RP _Country_Single as Country process Pick List
 - f. CP_RP _Doc as Document Target

Screen custo

On file **namespaces/custom/Lectra.PDM.CollectionPlan.CollectionPlan.xml**, between *<grid name="rangeplanslotbreakdowngridDefault" inherits="rangeplanslotbreakdowngrid">* tags, add the following XML code :

<column dataindex="CP_RP_Date" editable="true" format="\${#i18n['i18n.extdateformat']}" headeri18n="custom.cp.rp.label.date" xtype="datecolumn"></column>
<editorfield format="\${#i18n['i18n.extdateformat']}" xsi:type="datefield"></editorfield>
<pre><column dataindex="CP_RP_Boolean" editable="true" headeri18n="custom.cp.rp.label.boolean" headerid="CP_RP_Boolean" xtype="checkboxcolumn"></column></pre>
<column dataindex="CP_RP_String" editable="true" headeri18n="custom.cp.rp.label.string" headerid="CP_RP_String" xtype="textcolumn"></column>
<column dataindex="CP_RP_Country_Multi" headeri18n="custom.cp.rp.label.hvl.country.multi" headerid="CP_RP_Country_Multi"></column>
<editorfield formatquery="false" multiselect="true" propertyname="Country" xsi:type="nodecombo"></editorfield>
<rendererfn name="Lectra.PDM.Format.nodesRenderer()"></rendererfn>
<column dataindex="CP_RP_Country_Single" headeri18n="custom.cp.rp.label.hvl.country.single" headerid="CP_RP_Country_Single"></column>
<editorfield formatquery="false" multiselect="false" propertyname="Country" xsi:type="nodecombo"></editorfield>
<rendererfn name="Lectra.PDM.Format.nodeRenderer()"></rendererfn>
<column dataindex="CP_RP_Doc" editable="true" headeri18n="custom.cp.rp.label.document" headerid="CP_RP_Doc" imagesize="medium" userest="true" xsi:type="imagecolumn"></column>
<imageeditor inherits="http://lectra.com/pdm/common#defaultImageFieldEXT5" managerref="attachmentImageField"></imageeditor>
<managerinstance name="Lectra.PDM.Mgrs.imageFieldRestMgr"></managerinstance>

Screen Result

Lectra Fashion PLM Product Develop Collections - Products - Orders - Master At	Der ttributes • Basic Items • Instr	uctions • Instructions Ten	nplates • Adr	ninistration 🕶 🔰 File Librar	Your ses	sion expires in: 2 F s	1 25 min User: pj	Home Help) Logout
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Plan	Detail - Surf Collection								
▶ PROPERTIES Name Surf Collection Status Ongoing Herarchy Third Level Hierarchy Structure Image: Collection ✓ Surf Collection 2013/Summer 2013 (SEASON) ✓ 2013/Spring 2013 (SEASON) ✓ Surf/RipCurl (BRAND) ✓ Surf/RipCurl (BRAND) ✓ man (GENDER)	Other commen To improve Prevision End Countries Original countr Add idea	t Do not forget to see with 45600 04/08/15 Italie Espagne γ France γELLOW-1	: designers						 OBJECTIVES Image: A state of the state of th
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		12/31/2014	म	See with Lucy	Italie Espagne France	Espagne		EUR	
		12/25/2014	*	See with Steeve	Italie Espagne	Espagne		EUR	
	4.5.4					\square			•

7.2 List Collection Plan screen

7.2.1 How customize General Data in detail Collection Plan screen ?

Let's add custom fields and custom roles in General Data :

PLM Manager Steps

See previous PLM Manager steps.

Screen custo

On file **namespaces/custom/Lectra.PDM.CollectionPlan.ListCollectionPlan.xml**, between <*fieldset inherits="listCollectionDetails/listCollectionDetailsRight" >* tags, add the following XML code :

<fieldset border="false" margin="-3 0 0 0" padding="10"></fieldset>
<textarea fieldlabeli18n="custom.cp.label.longstring" name="CP_LongString" readonly="true"></textarea>
<checkbox fieldlabeli18n="custom.cp.label.boolean" name="CP_Boolean" readonly="true"></checkbox>
<pre><integerfield fieldlabeli18n="custom.cp.label.int" name="CP_Int" readonly="true"></integerfield></pre>
<pre><datefield fieldlabeli18n="custom.cp.LabeL.date" name="CP_Date" readonly="true"></datefield></pre>
<pre><nodecombo fieldlabeli18n="custom.cp.label.hvl.country.multi" multiselect="true" name="CP_Country_Multi" propertyname="Country"></nodecombo></pre>
<pre><nodecombo fieldlabeli18n="custom.cp.label.hvl.country.single" multiselect="false" name="CP_Country_Single" propertyname="Country"></nodecombo></pre>
<imagefield <="" fieldlabeli18n="custom.cp.label.document" name="CP_Doc" td="" userest="true"></imagefield>
inherits="http://lectra.com/pdm/common#defaultImageFieldEXT5" managerRef="selSmallImageField" imageWidth="96" imageHeight="96" readOnly="true" > <managerinstance name="Lectra.PDM.Mgrs.imageFieldRestMgr"></managerinstance>
<envitemcombo envitemtype="MarketingColor" fieldlabeli18n="custom.cp.label.envitem.color" hidetrigger2="true" name="CP_Color" readonly="true"></envitemcombo>

Screen Result

 Lectra Fashion PLM Product Developer
 Your session expires in: 2 H 29 min | User: pj | Home | Help | Logout

 Collections • | Products • | Orders • | Master Attributes • | Easic Items • | Instructions • | Instructions • | Administration • | File Library • | Recent Items
 COLLECTION PLANS F My To Do List 0 0 📀 **Collection Plans** Details + 0 Surf Collection Name Collection 2016 - Play the colors of the SunSet. Description Filter By Name Comments Do not mix with dark colors. CreateCollectionPlan340513333534672 Status Ongoing CreateCollectionPlan340540182828114 Created by pj on 12/04/2014 at 11:30 AM Surf Collection Modified by pj on 12/09/2014 at 5:29 PM winter CP Other comment Do not forget to see with designers ~ To improve 45600 Prevision 04/08/15 End Italie Espagne France Original country Add idea Main color YELLOW-1