



ENOVIA Training
Exercises

LCA Administration Advanced (7)

Application Desktop Reporting

Version 5 Release 11
May 2003
EDU-ENOV-E-LAR-AX-V5R11

Copyright DASSAULT SYSTEMES 2003

1

Table of Contents

1. ENOVIA LCA Desktop Reporting	p.1
Planning	p.3
2. Update ENOVIA LCA Client	p.5
Update the VPMMIMEType.xml file	p.6
Update the ReportSettings.xml file	p.7
3. Create a new style sheet XSL	p.8
Create a new XSL file	p.9
4. Check the result in ENOVIA LCA	p.10
Check the results	p.11

Copyright DASSAULT SYSTEMES 2003

2

Exercise

ENOVIA LCA Desktop Reporting : Presentation



60 min.

In this exercise, you will add a Reporting on the Document Revision

Copyright DASSAULT SYSTEMES 2003

3

Design Intent : Desktop Reporting

- **Late Type / Extension**
- **Methodology**
- **Check the results**

Copyright DASSAULT SYSTEMES 2003

4

Exercise

ENOVIA LCA Desktop Reporting : Update ENOVIA LCA Client



30 min.

In this exercise you will :

- ◆ Modify the VPMMIMEType.xml to add the command : send to the Reporting Editor of a Document Revision.
- ◆ Modify the ReportSettings.xml to define the “Select view and Layout” panel and the including .xml files

Copyright DASSAULT SYSTEMES 2003

5

Do It Yourself : Update the VPMMIMEType.xml file

- ◆ Copy the default VPMMIMEType.xml in a new folder

```
WSReporting/$OS/docs/java
```

- ◆ Modify the VPMMIMEType.xml to add a new CATLet command to the ENOVIA_VPMDocumentRevision application.

```
<Command value="Report Editor"  
  url="bean://com.dassault_systemes.vpm.report.catlet.ReportCATlet">  
</Command>
```

Copyright DASSAULT SYSTEMES 2003

6

Do It Yourself : Update the ReportSettings.xml file

- Copy the default ReportSettings.xml in a new folder

WSReporting/\$OS/docs/java

- Modify the ReportSettings.xml to add the new application on ENOVIA_VPMDocumentRevision.

```
<Object Name="application/ENOVIA_VPMDocumentRevision">
  <View Name="one level" Description="Display the attributes of
the object and the first referenced objects" Localization="server">
  <Layout Name="PublishStreamLayout.xml" Description="XSL for
displaying" Localization="server" Converter="ENOReporCVT1"
Argts="PublishStreamLayout.xml"/>
  <Layout Name="PublishStreamLayoutCusto.xml" Description="XSL
for displaying" Localization="server" Converter="ENOReporCVT1"
Argts="PublishStreamLayoutCusto.xml"/>
  <Layout Name="PublishStream Layout with C++" Description="C++
coded" Localization="server" Converter="ENOReporCVTCC" Argts=""/>
  </View>
  ...
</Object>
```

Copyright DASSAULT SYSTEMES 2003

7

Exercise

ENOVIA LCA Desktop Reporting : Create a new style sheet XSL



10 min.

In this exercise you will modify the default style sheet XSL, on the Server Side

Copyright DASSAULT SYSTEMES 2003

8

Do It Yourself : Create a new XSL file

- Create a new Customized server Workspace

WSReporting/\$OS/startup/Reporter

- Create a new customized xsl file which mask the Revision Date Modified

PublishStreamLayoutCusto.xsl

- Used the enovxslcvt shell to see the xsl file result

Enovxslcvt reportdoc.xml PublishStreamLayoutCusto.xsl test.htm

(don't forget to set the UNIX environment)

Copyright DASSAULT SYSTEMES 2003

9

Exercise

ENOVIA LCA Desktop Reporting : Check the Result in ENOVIA LCA



5 min.

In this step you will run ENOVIA LCA and generate htm files

Copyright DASSAULT SYSTEMES 2003

10

Do It Yourself : Check the results

- **Open the Product Editor**
- **Create a new PartInstance**
- **Lock it and create a new document**
- **Send the document in the Report Layout to generate HTML reports**

