

software_to_install

1. Open Questions
2. Portal Developer Setup
 1. Migrate Project from Eclipse -> JDeveloper
 2. Setting up your connection to development Portal
3. Portlet Deployment
 1. Rapid Process
 2. Manual Steps
3. Machines
 1. Portal
 1. Kerapu
 2. OPEL(Oracle Portal Enterprise Linux)
 1. Enterprise Manager
 3. OPELSTG
 1. Enterprise Manager
 2. Create a new OC4J container in Portal
3. UCM
 1. UCMEL
 1. Database
 2. Notes
 2. UCMEL2
 1. Database
 2. Notes
 3. ORACLEUCM
 1. Database
 2. Notes
4. Databases
 1. DBEL
 2. 192.168.9.34
5. OC4J Containers
 1. OPELSTG
 2. Kerapu
6. UNIX Hosts
 1. Kerapu - Pre-existing Portal, OC4J Container, OID
 2. OVMS(Oracle Virtual Machine Server) - Oracle VM Server
 3. UCMEL - UCM Enterprise Linux (VM)
 4. UCMEL2 - UCM Enterprise Linux 2 (VM)
 5. DBEL - Database Enterprise Linux (VM)
4. Installation Instructions
 1. Create a new OC4J container in Portal
5. Glossary

<hr>

- Amrans Edits
- Fentons Edits

<hr>

Open Questions

- Which UCM environment is the 'guided search' going against?

Portal Developer Setup

Migrate Project from Eclipse -> JDeveloper

->

1. Check out the project from SVN in Eclipse
2. Open JDeveloper and create a new project
3. Create all required empty java classes with the same class & package names.
4. Copy the code from Eclipse to JDeveloper project one by one [Simply, copy and paste]
5. Goto JDeveloper Project's WebContent directory and get all the jar files [mostly under lib directory]
6. Steps to add jar files into a JDeveloper project
7. Right click project > Project Properties > Libraries > Add Jar/Directory
8. Browse to the JAR file path and select them to add it to the project
9. Copy the JSPs, HTMLs, etc files from Eclipse project into JDeveloper project
10. Copy the contents of the Eclipse source web.xml [leave the header out] and paste into the Eclipse web.xml file
11. Create required portlets in JDeveloper and modify the source code to include the required JSPs, HTML or whatever you want.
12. Right click the web.xml file in JDeveloper project and select "Create WAR web application deployment profile"
13. Goto Resources folder and right click and select the .deploy file and select the deploy to EAR file
14. Deploy the EAR file into the OC4JInstance.

Setting up your connection to development Portal

1. Choose connections tab > Application Server > New > General > Connections > Application Server Connection > OK
2. Choose any nameConnection Type: Oracle Application Server 10g 10.1.2 (UNIX)
3. The next 3 steps depend on which portal instance you are connecting to. Below we provide sample information for the OPEL server, but if you want to connect to another Portal instance please find the information in the Portal section of this document.
4. username/password: ias_admin / welcome1
5. Enterprise Manager OC4J Host Name: opel, port: 1810,
6. directory: /u01/app/oracle/OraHome_2, instance: ias_inst2
7. next > don't need anything for RMI > next > test > finish.

Portlet Deployment

Rapid Process

- see link: Deploy to portlet container

Manual Steps

1. Go to the Portal EM. Find the URL for your Portal Enterprise Manager in the Portal section.
2. Select the Portal Instance (mid-tier) link.
3. Determine the OC4J container/instance you should deploy to. Optionally create your own.

Machines

Portal

Kerapu

- Admin URL: `http://kerapu.mohe.gov.my:7778/portal/page/portal/TOPLEVELSITE/Welcome`
- Username: `orcladmin`
- Password: `pmo123`

OPEL

- Description: This is an Oracle VM(Virtual Machine) instance on Oracle Enterprise Linux 4.
- Name: `opel.lab.com`

Enterprise Manager

- Admin URL: `http://opel.lab.com:1810/`
- Port: `1810`
- Enterprise Manager OC4J Host Name: `opel.lab.com`
- Username: `ias_admin`
- Password: `welcome1`
- Oracle Home Directory: `/u01/app/oracle/OraHome_2`
- Instance: `ias_inst2`
- Portal Instance(mid-tier): `ias_inst2`
- Portal OC4J Instance for general use:

OPELSTG

- Description: This is an Oracle VM instance on Oracle Enterprise Linux 4.
- Name: `opelstg.lab.com`

Enterprise Manager

- Admin URL: `http://opelstg.lab.com:1810/`
- Port: `1810`
- Enterprise Manager OC4J Host Name: `opelstg.lab.com`
- Username: `ias_admin`
- Password: `welcome1`
- Oracle Home Directory: `/u01/app/oracle/OraHome_2`
- Instance: `ias_inst2`
- Portal Instance(mid-tier): `ias_inst2`
- Portal OC4J Instance for general use:

Create a new OC4J container in Portal

1. Click on Create OC4J Instance
2. Name the instance > Click 'Create' > 'OK'
3. Change the OC4J container to support Java 1.5. Follow these instructions

UCM

UCMEL

- Description: This is an Oracle VM instance on Oracle Enterprise Linux 5

- idc homepage URL: `http://ucmel1.lab.com/idc/`
- Username: `system`
- Password: `welcome1`

Database

- Host: `dbel1.lab.com`
- SID: `orcl`
- User/Pass: `idc1_user/idc1_user`

Notes

- This one is being used for the Photo Gallery functionality.

UCMEL2

- Description: This is an Oracle VM instance on Oracle Enterprise Linux 5
- idc homepage URL: `http://ucmel2.lab.com/idc/`
- Username: `system`
- Password: `welcome1`

Database

- host: `dbel1.lab.com`
- SID: `orcl`
- User/Pass: `idc3_user/idc3_user`

Notes

- This one is being used for the OpenWCM integration, and has the list-detail website here.

ORACLEUCM

- idc homepage URL: `http://oracleucm.lab.com/idc/`
- UCM – Username/Password: `system/welcome1`
- root password: `welcome1`
- Stellent Unix User: `stellent`

Database

- Host: `192.168.9.34`
- SID: `MISSION`
- User/Pass: `idc2_user/idc2_user`

Notes

- OID integrated here.
- Fulltext searching working here.
- This one points to the non-VM database:

Databases

DBEL

- Hostname: `dbel1.lab.com`
- System User/Pass: `system/welcome1`

192.168.9.34

OC4J Containers

OPELSTG

- unix root password: ovsroot
- Oracle user/pass: oracle/oracle

Kerapu

- Admin URL: `http://kerapu.mohe.gov.my:7781/`
- Port: 7781
- Connection Type: Oracle Application Server 10g 10.1.3
- Username: oc4jadmin
- Password: p244w0rd
- Connect To: Single Instance
- Host Name: `kerapu.mohe.gov.my`
- OPMN Port: 6006
- OC4J Instance Name: tutorial

<hr>

UNIX Hosts

Kerapu – Pre-existing Portal, OC4J Container, OID

- root password:

OVMS - Oracle VM Server

- root password:

UCMEL – UCM Enterprise Linux (VM)

- root password:

UCMEL2 – UCM Enterprise Linux 2 (VM)

- root password:
- database connection details:

DBEL – Database Enterprise Linux (VM)

- root password:

Installation Instructions

Create a new OC4J container in Portal

1. Click on Create OC4J Instance
2. Name the instance > Click 'Create' > 'OK'
3. Change the OC4J container to support Java 1.5. Follow these instructions

Glossary

OPEL

Oracle Portal Enterprise Linux

OVMS

Oracle Virtual Machine Server

UCM

Universal Content Management

URL

Uniform Resource Locator