

Quick Reference Guide

J2EE : J2EE 1.2 VS J2EE 1.3

J2EE 1.2 1.3 API
[1] [2]
] J2EE

1 : J2EE 1.2 J2EE 1.3

	J2EE 1.2	J2EE 1.3
Enterprise JavaBeans(EJB)	EJB 1.1	EJB 2.0
JavaServer Pages(JSP)	JSP 1.1	JSP 1.2
Servlets	Servlet 2.2	Servlets 2.3
Java Database Connectivity (JDBC)	JDBC 1.2	JDBC 2.0
Java Transaction API (JTA)	JTA 1.0	JTA 1.0
Java Messaging Service (JMS)	-	JMS 1.0.2
Java Authorization and Authentication Service (JAAS)-		JAAS 1.0
J2EE Connector Architecture (JCA)	-	JCA 1.0

2 : Enterprise JavaBeans 1.1 2.0

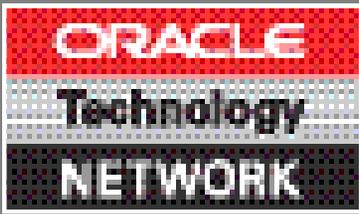
EJB Bean Type	EJB 1.1 (J2EE 1.2)	EJB 2.0 (J2EE 1.3)
Stateful Session EJB		
Stateless Session EJB		
Container Managed Persistence Entity EJB		
Bean Managed Persistence Entity EJB		
Message Driven Beans		
Local EJB Clients		

XML Java

Java Community
Process(JCP) XML
Java API
Java XML Pack
API [3]

3 : Java XML Pack API

	Java API	XML
Java API for XML Parsing	JAXP	DOM, SAX, XSL
Java API for XML Messaging	JAXM	SOAP ebXML
Java API for XML RPC	JAX-RPC	SOAP
Java API for XML Registries	JAXR	UDDI ebXML
Java API for XML Binding	JAXB	XML DTD/Schema



Quick Reference Guide

ORACLE JAS CONTAINERS FOR J2EE (OC4J)

OC4J

OC4J

```
java -jar $j2ee_home/oc4j.jar <options>
$j2ee_home $oracle_home/j2ee/home
```

OC4J

```
<options> OC4J
```

OC4J

```
java -jar $j2ee_home/admin.jar ormi://localhost/
admin <admin-password> -shutdown
```

```
java -jar j2ee_home/admin.jar
```

```
ormi://<oc4j_host>:<oc4j_ormi_port>
```

```
admin <adminpassword>-undeploy <applicationName>
```

```
-keepFiles
```

```
<applicationName> OC4J
```

```
가 . -keepFiles
```

OC4J

J2EE

```
java -jar $j2ee_home/admin.jar ormi://<oc4j_host>:
```

```
<oc4j_ormi_port> admin <adminpassword>
```

```
-bindWebApp <app_deploy_name>
```

```
<web_app_name> <web_site_name>
```

```
<context_root>
```

- <app_deploy_name>

- <web_app_name>EAR WAR

- WAR

- <web_site_name>

```
web-site.xml
```

- <context_root>

- j2ee/home/default-web-app JSP

JSP URL

```
http://<apache_host>:7777/j2ee/<path-to-JSP>
```

```
: j2ee/home/default-webapp/examples/Hello.jsp
```

JSP

```
http://<apache_host>:7777/j2ee/examples/Hello.jsp
```

- Java

```
j2ee/home/default-webapp/WEB-INF/classes
```

```
: my.HelloServlet
```

```
j2ee/home/default-web-app/WEB-INF/classes/my/HelloS
```

```
ervlet.class
```

```
web.xml
```

URL

```
http://<apache_host>:7777/j2ee/servlet/my.HelloServlet
```

```
javax.sql.DataSource
```

Java

JDBC

() Oracle

Oracle

data-sources.xml

```
<data-source
class="com.evermind.sql.DriverManagerDataSource"
name="jdbc/DMDSName" location="jdbc/DMDSLocation"
xa-location="jdbc/DMXADS" ejb-location="jdbc/emulatedDS"
username="scott" password="tiger"
url="jdbc:oracle:thin:@<oc4j_host>:<TTC port>:<DB ID>"
connection-driver="oracle.jdbc.driver.OracleDriver"/>
```

- class Oracle OCJ
- name
- location
- xa- location
- ejb- location EJB, JSP, JNDI 가
- url <oc4j_ host>, <TTC port> <DB ID>
- connection- driver java.sql.driver

OC4J

OC4J

HTTP

OC4J

XMLUser-Manager

principals.xml

JAZN

User- Manager

JAAS OC4J

HTTP

Oracle HTTP Server mod_osso

. OC4J URL

가

EJB

: EJB

- EAR jndi.properties
- EJB jndi.properties ()
- EJB ()
- JavaBean EJB InitialContext

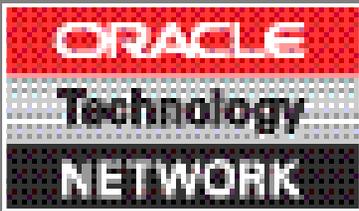
principals.xml

1. XML

```
<principals><groups>
  <group name="allusers">
    <description>Group for all normal users</description>
    <permission name="rmi:logi">
      <permission
name="com.evermind.server.rmi.RMIPermission"
/>
    </group>
    ...other groups...
  </groups>
  <users><user username="guest"password="welcome">
    <description> Guest user</description>
    <group-membership group="allusers"/>
  </user></users></principals>
```

2. J2EE

a. XML



Quick Reference Guide

- WAR web.xml
- EJB JAR ejb-jar.xml
- EAR application.xml

<security-role> XML

b. ejb-jar.xml (bean)

XML

<method-permission>

<description> VISITOR role needed for CustomerBean

msthdms

</description>

<role-name>VISITOR</role-name>

<method>

<ejb-name>customerbean</ejb-name>

<method-name>*</method-name>

</method>

</method-permission>

c. web.xml

<security-constraint>

<web-resource-collection>

<web-resource-name>SalesInfo</web-resource-name>

<url-pattern>/salesinfo/*</url-pattern>

<http-method>GET</http-method>

<http-method>POST</http-method>

<auth-constraint>

<role-name>VISITOR</role-name>

</auth-constraint>

</web-resource-collection>

</security-constraint>

3.

principals.xml

<security-role-mapping>

(orionweb.xml, orion-application.xml)

<security-role-mapping name= 'VISITOR'

<group name= 'allusers'>

</security-role-mapping>

XML orionejb-jar.xml

VISITOR

Oracle9i JDeveloper

CodeCoach

CodeCoach Java

. CodeCoach

CodeCoach가

1. 가 File | Tools |

CodeCoach CodeCoach

2. IDE CodeCoach

CodeCoach Log

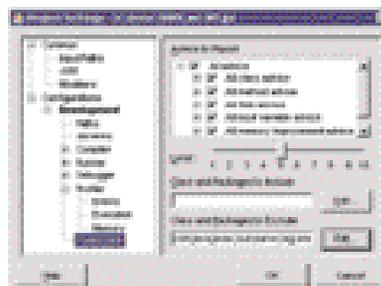
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3. Project | Project Settings

[1] CodeCoach

CodeCoach

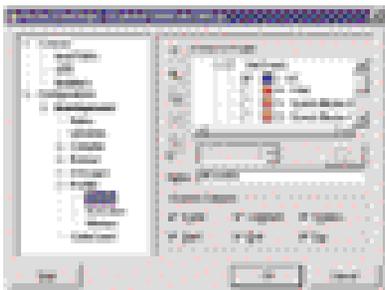
4. pragmas



[1]
Oracle JDeveloper
Project Settings
CodeCoach Advice Tests

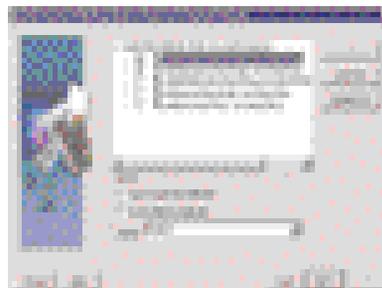
5. CodeCoach
CodeCoach
- Oracle JDeveloper Profilers
- Project | Project Settings
[2] Profiler
a. Profiler 3가
b. Event
c. Execution
d. Memory

- Navigator Run
Profiler가
- Profiler Settings [2]



[2]
Oracle JDeveloper
Project Settings Profiler

- PL/SQL
- File | New Enterprise JavaBean
Enterprise JavaBean
 - EJB 1
 - File | New Deployment Profilers
EJB JAR
 - Enterprise JavaBean
 - File | New
 - [3]
 - 2
Register SOAP
 - File | New Web Service
Stub/Skeleton Web Service Stub
 - URL
WSDL
 - 3.
 - Web Service Stub
Java JavaServer Page



[3]
Oracle JDeveloper

J2EE
Oracle JDeveloper Java , Enterprise JavaBeans