

# 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

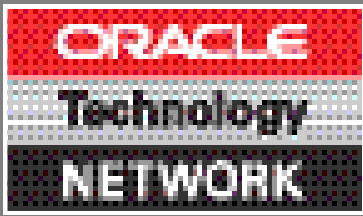
EJB Bean Type	EJB 1.1 (J2EE 1.2)	EJB 2.0 (J2EE 1.3)
Stateful Session EJB		
Stateless Session EJB		
Container Managed Persistence Entity EJB		
Bean Managed Persistence Entity EJB		
Message Driven Beans		
Local EJB Clients		

## 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
```

- `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
```

```
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>`

```
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 ( )
- ( )
- JavaBean EJB InitialContext

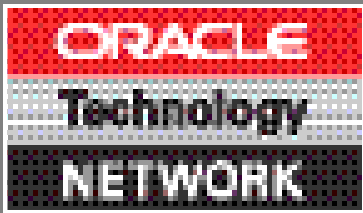
principals.xml

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
  methods
</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)
  
```

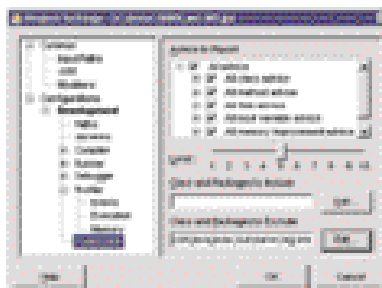
```

..
<security-role-mapping name= 'VISITOR'
  <group name= 'allusers$/'>
</security-role-mapping>
XML orionejb-jar.xml VISITOR
  
```

## Oracle9i JDeveloper

CodeCoach  
 CodeCoach Java  
 . CodeCoach  
 CodeCoach가

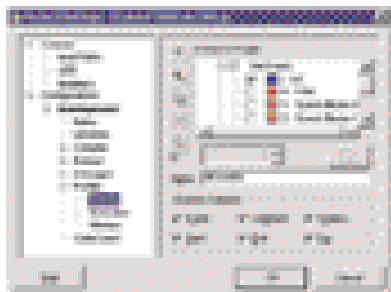
1. 가 File | Tools | CodeCoach CodeCoach
2. IDE CodeCoach CodeCoach Log 가
3. Project | Project Settings [ 1 ] CodeCoach CodeCoach
4. pragmas



[ 1 ]  
 Oracle JDeveloper  
 Project Settings  
 CodeCoach Advice Tests

5. CodeCoach  
CodeCoach
- Oracle JDeveloper Profilers
- Project | Project Settings  
[ 2 ] Profiler
    - Profiler 3가
    - Event
    - Execution
    - 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 ]
  - Register SOAP
  - File | New Web Service  
Stub/Skeleton Web Service Stub
  - URL WSDL
  - Web Service Stub
  - Java JavaServer Page



[ 3 ]  
Oracle JDeveloper

J2EE  
Oracle JDeveloper Java , Enterprise JavaBeans