

ORACLE Technology NETWORK

J2EE Oracle9*i* Application Server Oracle9*i* JDeveloper

Quick Reference Guide

J2EE	:J:	2EE	1.2	٧S	J2	EE	1.3
J2EE	1.2	1.3	API				
			. [1]	[2
]	J2EE						

J2EE 1.2	J2EE 1.3
EJB 1.1	EJB 2.0
JSP 1.1	JSP 1.2
Servlet 2.2	Servlets 2.3
JDBC 1.2	JDBC 2.0
JTA 1.0	JTA 1.0
-	JMS 1.0.2
)-	JAAS 1.0
-	JCA 1.0
	J2EE 1.2 EJB 1.1 JSP 1.1 Servlet 2.2 JDBC 1.2 JTA 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	3 : Java XML Pack API		
Java Community			Java API	XML
Process(JCP) XML	_	Java API for XML Parsing	JAXP	DOM, SAX, XSL
		Java API for XML Messaging	JAXM	SOAP ebXML
Java XML Pack . API [3]		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





ORACLE91AS CONTAINERS FOR J2EE (OC4J)

		:				
OC4J		java -jar j2ee_home/admin.jar				
OC4J	:	ormi:// <oc4j_host>:<oc4j_ormi_port></oc4j_ormi_port></oc4j_host>				
java -jar \$j2ee_home/oc4j.jar <optior< td=""><td>IS></td><td>admin <adminpassword>-undeploy</adminpassword></td><td colspan="4">admin <adminpassword>-undeploy <applicationname></applicationname></adminpassword></td></optior<>	IS>	admin <adminpassword>-undeploy</adminpassword>	admin <adminpassword>-undeploy <applicationname></applicationname></adminpassword>			
\$j2ee_home \$oracle_home/j2ee	/home .	-keepFiles				
OC4J		<applicationname> OC4J</applicationname>				
. <options> OC4J</options>	I	가keepFiles				
OC4J	:					
java -jar \$j2ee_home/admin.jar ormi	i://localhost/					
admin> <admin-password> -shutdow</admin-password>	<i>i</i> n	OC4J J2EE				
		java -jar \$j2ee_home/admin.jar orr	∶ ni:// <oc4j_host>:</oc4j_host>			
		<oc4j_ormi_port> admin <adminpassword></adminpassword></oc4j_ormi_port>				
:		-bindWebApp <app_deploy_name></app_deploy_name>				
• j2ee/home/default-web-app	JSP	<web_app_name> <web_site_name></web_site_name></web_app_name>				
		<context_root></context_root>				
JSP URL		• <app_deploy_name></app_deploy_name>				
http:// <apache_host>:7777/j</apache_host>	2ee/ <path-to-jsp></path-to-jsp>	• <web_app_name>EAR</web_app_name>	WAR .			
: j2ee/home/default-webapp	/examples/Hello.jsp	- WAR				
JSP		• <web_site_name></web_site_name>				
http:// <apache_host>:7777/j2ee/</apache_host>	examples/Hello.jsp	web-site.xm	I .			
		• <context_root></context_root>				
• Java						
j2ee/home/default-webapp/WEI	B-INF/classes					
		javax.sql.DataSource	Java			
: my.HelloServlet			JDBC			
j2ee/home/default-web-app	/WEB-INF/classes/my/	/HelloS .				
ervlet.class .		() Oracle			
web.xml						
URL .						
http:// <apache_host>:7777/j</apache_host>	2ee/servlet/my.HelloS	ervlet				
		Oracle .				

For Technical articles about J2EE, go to www.oracle.com/oramag/ Oracle9iAS Application Server Containers J2EE, go to http://otn.oracle.com/tech/java/oc4j/

data-sources.xml : <data-source class ="com.evermind.sql.DriverManagerDataS"ource name ="jdbc/DMDSNam"eccation=jdbc/DMDSLocation xa-location"jedbc/DMXADSejb-location"jedbc/emulatedDS"

username ⊰scott"password =tiger" url = jdbc:oracle:thin:@<oc4j_host>:<TTC port>:<DB ID>" connection-driveforacle.jdbc.driver.OracleD⊮over

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

OC4J

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JAZN
JAAS OC4J

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HTTP : Oracle HTTP Server mod_osso . OC4J URL EJB : EJB • EAR jndi.

- EAR jndi.properties
 jndi.properties
 EJB ()
 JavaBean EJB
- InitialContext .
- principal**s**ml .

1. XML

- <principals><groups> <group name= "alluser\$
 - <description>Group for all normal users</description>
 - <permission name= 'tmi:logit'>
 - <permission
 - name="com.evermind.server.rmi.RMIPermi\$sion
 - </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

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•		 <security-role-mapping name="VISITOR</td"><td></td></security-role-mapping>		
• WAR	web.xml	<pre><group name="allusers"></group></pre>		
• EJB JAR	eib-iar.xml			
•EAR	application.xml	XML orioneib-iar.xml VI	SITOR	
<security-role< td=""><td>> XML .</td><td>·····</td><td></td></security-role<>	> XML .	·····		
b. ejb-jar.xml	(bean)			
X	(ML :	Oracle9 i JDeveloper		
<method-perr< td=""><td>nission></td><td></td><td></td></method-perr<>	nission>			
<description< td=""><td>> VISITOR role needed for CustomerBean</td><td>CodeCoach</td><td></td></description<>	> VISITOR role needed for CustomerBean	CodeCoach		
msthods		CodeCoach Java		
<td>in></td> <td>. CodeCoach</td> <td></td>	in>	. CodeCoach		
-role-nam	e>VISITOR			
<method></method>		CodeCoacħ		
<ejb-nam< td=""><td>e>customerbean</td><td></td><td></td></ejb-nam<>	e>customerbean			
<metho< td=""><td>d-name>*</td><td></td><td></td></metho<>	d-name>*			
		1. 가 File To	ols	
<td>ermission></td> <td>CodeCoach CodeCoach</td> <td></td>	ermission>	CodeCoach CodeCoach		
c. web.xml		2 IDE CodeCoach	l	
<security-co< td=""><td>onstraint></td><td>CodeCoach Log</td><td></td></security-co<>	onstraint>	CodeCoach Log		
<web-reso< td=""><td>urce-collection></td><td></td><td>가</td></web-reso<>	urce-collection>		가	
<web-res< td=""><td>ource-name>SalesInfo<td>ame> .</td><td></td></td></web-res<>	ource-name>SalesInfo <td>ame> .</td> <td></td>	ame> .		
<url-patte< td=""><td>ern>/salesinfo/*</td><td>3. Project Project Settings</td><td></td></url-patte<>	ern>/salesinfo/*	3. Project Project Settings		
<http-me< td=""><td>thod>GET</td><td>[1] CodeCoach .</td><td></td></http-me<>	thod>GET	[1] CodeCoach .		
<http-me< td=""><td>thod>POST</td><td>CodeCoach</td><td></td></http-me<>	thod>POST	CodeCoach		
<auth-co< td=""><td>nstr.aint></td><td></td><td></td></auth-co<>	nstr.aint>			
<role-na< td=""><td>ame>VISITOR</td><td>4. pragmas</td><td>, ,</td></role-na<>	ame>VISITOR	4. pragmas	, ,	
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0		Oracle&JD Project Setti	eveloper ngs	
J.		CodeCoach	Advice Tests	
principals.xml	I :	The second secon		

<security-role-mapping>

(orionweb.xml, orion-application.xml)

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- CodeCoach PL/SQL . . CodeCoach 5. Oraclei JDeveloper Profilers 1. Project | Project Settings
- 2] Profiler [. a. Profiler 3가 **b.** Event
- c. Execution d. Memory 2. Navigator Run
- Profile7⊁ .
- 3. Profiler Settings . [2] 4.

2] OracleØJDeveloper Project Settings Profiler

- 1. File | New Enterprise JavaBean Enterprise JavaBean
- 2. EJB 1
- .. 3. File | New **Deployment Profilers** EJB JAR .
- 4. Enterprise JavaBean . 5. File | New
- . 6.[3] 2
- 7. SOAP Register
- 1. File | New Web Service Stub/Skeleton Web Service Stub
- 2. URL WSDL 3.
- 4. Web Service Stub
 - Java JavaServer Page



[3] OracleØJDeveloper

J2EE

Oraclei JDeveloper Java , Enterprise JavaBeans

