Install WebCenter

In this post i will give a step by step explanation on how to install WebCenter on your machine. This isn't intended for a production environment. This how-to will tell you everything you need to know on how to get WebCenter suites up and running on your local machine.

I install WebCenter on my laptop which has Windows 7 64bit on it. Although That OS is not certified by Oracle, it does work nicely. I also use an Oracle 10g XE database which is also not supported. It's a good environment for developing and playing with the new features. Do not use this for a production environment...

The installation process consists out of following steps:

- Install WebLogic Server 11g (10.3.4)
- Run the Repository Creation Utility (RCU)
- Install WebCenter Suite 11g PS3
- Create a WebLogic domain
- Start the servers

Install WebLogic Server

Download the latest version of WebLogic server from http://www.oracle.com/technetwork/middleware/fusion-middleware/downloads/index.html

When you run the installer it will start preparing the installation.

Oracle Installer		
1		
	ORACLE [.]	
	Preparing the installer	
	Cancel	

The next screen is just a welcome screen with some instructions:

Oracle Installer - WebLogic 10.3.4.0						
Welcome This installer will guide you through the installation of WebLogic 10.3.4.0			OF	RACLE.		
	☐ Instruction Click the Ne change ent may quit th	is ext button to proceed ries in a previous scre e installer at any time	to the next screen. en, click the Previous by clicking the Exit b	If you want to ; button. You utton.		
ORACLE						
Exit Previous Next						

Press next

In the next screen you need to specify in which middleware folder you want to install the WLS. We will create a new middleware folder because we want to have a fresh start for this release.

Specify a directory for example middleware11gR1_PS3

🤯 Oracle Installer - WebLogic 10.3.4.0)				
Choose Middleware Home Directory Specify the Middleware Home where you wish to install WebLogic 10.3.4.0.					
Middleware Home Type Use an existing Middleware Home Create a new Middleware Home	C;\Oracle\Middleware11gR1_3 C:\Oracle\WL511g3 C:\Oracle\Middleware11gRC4 C:\Oracle\Middleware11gRC4_2 C:\Oracle\Middleware11gR1_4PROD C:\Oracle\WL511g4				
C:\Oracle\Middleware11gR1_PS3					
Browse Reset					
Exit Previous Next					

Press the next button

In the next screen you can provide your email address so you get notified when important updates are available. Because this is a development environment, we are going to disable this. You will get a message asking you if you are sure that you want to disable this.

	둸 Oracle Installer - WebLogic 10.3.4.0
	Register for Security Updates Provide your email address for security updates and to initiate configuration manager.
	Email: Use My Oracle Support email address/username
1 B 1 B 1 B 1 B 1 B 1 B 1 B 1 B 1 B 1 B	I wish to receive security updates via My Oracle Support Support Password:
	Exit Previous Next

In the next screen you can provide the type of install. A typical install is ok for us. This will install the Weblogic server together with Coherence and the Enterprise pack for Eclipse.

	😼 Oracle Installer - WebLogic 10.3.4.0	
	Choose Install Type Select the type of installation you wish to perform.	ORACLE
Typical Install the following product(s) WebLogic Server Oracle Coherence Oracle Enterprise Pack Oracle Enterprise Pack Oracle Enterprise Pack Oracle Enterprise Pack Oracle Enterprise Pack) and component(s): k for Eclipse f components to install and perform optional
	Exit	Previous Next

In the next window you can provide specific folders for the components that will be installed. We can leave the defaults and just press Next

	👩 Oracle Installer - WebLogic 10.3.4.0	
	Choose Product Installation Directories Provide the directories where you wish to install WebLogic 10.3.4.0.	ORACLE
		💍 Discard Changes
	Middleware Home Directory	
	C:\Oracle\Middleware11gR1_PS3	
	Product Installation Directories	
	The Product Home might contain shared utilities and any products or components for are not set. WebLogic Server:	r which unique directories
l	C:\Oracle\Middleware11gR1_P53\wlserver_10.3	Browse
l	Oracle Coherence:	
	C:\Oracle\Middleware11gR1_P53\coherence_3.6	Browse
1	Oracle Enterprise Pack for Eclipse:	
	C:\Oracle\Middleware11gR1_PS3\oepe_11gR1PS3	Browse
	Exit	Previous Next

In windows, the installer will ask to install the shortcut in all users start menu or just the local user. Select whatever fits you best and press Next.

🔂 Oracle Installer - WebLogic 10.3.4.0
Choose Shortcut Location The installer creates shortcuts to Oracle components, samples, and tools. As a user with administrative privileges, you can specify where these shortcuts are created.
Select the Start Menu folder in which you want to create Oracle shortcuts:
O Local user's Start Menu folder Select this option if you need to ensure that other profiles registered on this machine will not have access to these shortcuts.
Exit Previous Next

The next screen gives an overview of the components that will be installed and the total disk space that will be used.

😡 Oracle Installer - WebLogic 10.3.4.0	
Installation Summary The following Products and JDKs will be installed.	ORACLE'
WebLogic Server	Description
Core Application Server Administration Console Configuration Wizard and Upgrade F Web 2.0 HTTP Pub-Sub Server WebLogic SCA WebLogic JDBC Drivers Third Party JDBC Drivers WebLogic Server Clients WebLogic Web Server Plugins UDDI and Xquery Support	Implements JEE technologies, Web services, and other leading Internet standards, to provide a reliable framework for highly available, scalable, and secure applications.
Evaluation Database	Approximate Installed Size
Coherence Product Files	Highlighted item: 651,0 MB
	Total of all selected items: 1.622,4 MB
E <u>x</u> it	Previous Next

Your WebLogic server will now start installing:



When the installation has finished, you will see the last screen. Make sure you unselect the Run Quickstart because this will create a domain and we want to create a domain when WebCenter has been installed.

😡 Oracle Installer - WebLogic 10.3.4.0		
Installation Complete Click the Done button to exit the installer.		ORACLE
	Message Congratulations! Installation is complete.	
ORACLE		
E <u>x</u> it	🗌 Run Quickstart	Previous Done

Press Done to close the wizard.

Run the Repository Creation Utility

Make sure you have downloaded the latest version of the RCU (11.1.1.4)

When you unzip the RCU you can find the executable in the BIN directory. Double click on rcu.bat to start up the RCU:

In the first screen you will need to specify whether you want to create or drop the schema's. We are, of course, creating schema's:

🛃 Repository Creation Utility - Step	0 of 1 : Create Repository	C stepsores			
Create Repository	1				. <u>€`</u> ware 11 <i>g</i>
Create Repository Database Connection Details Select Components Schema Passwords Map Tablespaces Summary Completion Summary	⑦ Create Create and load component sch ⑦ Drop Remove component schemas fr	rom a database.			
Help		< <u>T</u> erug	Volgende >	Voltooien	Annuleren

In the next window you need to provide the parameters of your database you want to use to install the WebCenter schema's in.

If you also use an Oracle XE on your localhost, than your parameters will look similar to mine:

4	Repository Creation Utility - Step	1 of 7 : Database Cor	nnection Details
Da	tabase Connection Detail	S	EUSION MIDDLEWARE 118
	Create Repository	<u>D</u> atabase Type:	Oracle Database
	Select Components Schema Passwords	Hos <u>t</u> Name:	localhost For RAC database, specify VIP name or one of the Node name as Host name.
ļļ	Map Tablespaces Summary	P <u>o</u> rt:	1521
	Completion Summary	Service Name:	xe
		<u>U</u> sername:	sys User with DBA or SYSDBA privileges. Example:sys
		Password:	•••••
		<u>R</u> ole:	SYSDBA -
			One or more components may require SYSDBA role for the operation to succeed.
		<u>B</u> erichten:	
	Help		< Terug Volgende > Volgende > Annuleren

The RCU will do some testing to see if the provided database is supported. Because an Oracle XE is not supported, you will get a message. Luckily, there is an Ignore button and we are going to use it!

It can happen that you get an error message saying your database does not support sufficient processes. Therefore you need to execute following command and restart your database:

ALTER SYSTEM SET processes=10000 SCOPE=SPFILE;

In the next screen you need to select the components you want to install in the database. We only need WebCenter suite so select it. By selecting this, this will also select the dependencies. We only have a dependency to the Metadata Services so this will be selected to.

You can also select a prefix that will be added to the schema owners name.

🕼 Repository Creation Utility - Step	2 of 7 : Select Components		
Select Components	بغور		<u>cle</u> 11 <i>8</i>
Create Repository <u>Database Connection Details</u> Select Components	A Prefix groups the components associated with o Select an existing Prefix UCM Create a new Prefix DEV	ne deployment.	~
Schema Passwords Map Tablespaces	Prefix car start with	n contain only alpha-numeric characters. Pr a number and should not contain any spec	efix should not ial characters.
4 Summary	Component	Schema Owner	
Completion Summary	□ 🖾 AS Common Schemas		▲
	Metadata Services	DEV_MDS	
	Audit Services	IAU	
	Enterprise Scheduler Service	ESS	
	Oracle Platform Security Serv	ices OPSS	
	Identity Management		
	Enterprise Content Management	t	
	Oracle Business Intelligence		
		ces	
	BOA and BPM Infrastructure		
	Bud Webcenter Suite		
	Berichten:		
Help		< <u>T</u> erug Volgende > ⊻oltooier	Annuleren

The RCU will do some checks. If everything is ok, press OK in the popup.

Now you will need to provide the passwords for each schema that will be created. By default, the radio button Use name and password for all schemas is selected. This is good because this way you provide a password that will be applied for each schema.

Provide a password, confirm and press next:

Repository Creation Utility - Step	o 3 of 8 : Schema Passwords			
Schema Passwords				
Create Repository	Please enter the passwords numbers and the following s character.	s for the main and additional (auxiliary) so special characters: \$, # ,Password sh	chema users. Password o could not start with a num	can contain alphabets, ber or a special
Select Components		or all schemas		
Schema Passwords	Password ••	••••		
Custom Variables	Confirm Password	••••		
Summary	◯ Use <u>m</u> ain schema passw	vords for auxiliary schemas		
Completion Summary	Specify different passw	ords for all schemas		
	Component Metadata Services WebCenter Spaces Portlet Producers Activity Graph and Analytic Discussions Auxiliary Schema	Schema Owner DEV_MDS DEV_WEBCENTER DEV_PORTLET s DEV_ACTIVITIES DEV_DISCUSSIONS DEV_DISCUSSIONS_CRAWLER	Schema Password	Confirm Password
<u>H</u> elp		< Terug	l gende > oltooie	n Annuleren

In the next step you can decide to install the activity graph and analytics with partitioning. For our environment this is not necessary, in production environment this is recommended.

🛃 Repository Creation Utility - Step	4 of 8 : Custom Variables		
Custom Variables			
Create Repository	Enter value for the following cu	stom variables.	
Database Connection Details	Component	Custom Variable	Value
Select Components	Activity Graph and Analytics	Install Analytics with Partitioning (Y/N)	N
Schema Passwords			
Custom Variables			
Map Tablespaces			
Summary			
Completion Summary			
	<u>b</u> enchien.		
Help		< Terug Volgeno	Je > Voltooien Annuleren

In the next step you can map the schemas to tablespaces. For our development environment we don't need to modify anything in this step so just press Next

Are the second s	5 of 8 : Map Tablespaces			
Map Tablespaces			FUSIO	RACLE. N MIDDLEWARE 118
Create Repository Database Connection Details	Choose tablespaces for the s below. To create new tablespaces o	elected components. The o	default and temporary tablespaces click the 'Manage Tablespace	ces are specified in the table res' button.
Select Components	Component	Schema Owner	Default Tablespace	Temp Tablespace
O Scheme Pasewords	Metadata Services	DEV_MDS	*DEV_MDS	DEV_IAS_TEMP
C Schenia Passwords	WebCenter Spaces	DEV_WEBCENTER	*DEV_IAS_WEBCENTER	DEV_IAS_TEMP
<u>Custom Variables</u>	Portlet Producers	DEV_PORTLET	*DEV_IAS_PORTLET	DEV_IAS_TEMP
Map Tablespaces	Activity Graph and Anal	DEV_ACTIVITIES	*DEV_IAS_ACTIVITY	DEV_IAS_TEMP
	Discussions	DEV_DISCUSSIONS	*DEV_IAS_DISCUSS	DEV_IAS_TEMP
	1			
	* Default tablespaces (specifi	ed in the configuration files	 are to be created upon contin 	mation.
1				Manage Tablespaces
	Berichten:			
Help		< <u>T</u> eri	ug Volgende > ⊻	oltooien Annuleren

You will get a message that tablespaces that do not already exist will be created. No problem so just press OK.

Your tablespaces will be created. This can take a few moments. After this has been finished, press the OK button on the popup.

In the last screen you see an overview of the schema's that will be created and in what tablespace they will be created.

🛃 Repository Creation Utility - Step	6 of 8 : Summary			
Summary				
Create Repository Database Connection Details Select Components Schema Passwords Custom Variables Map Tablespaces	Database details: Host Name: localhost Port: 1521 Service Name: XE Connected As: sys Operation: Create Prefix for (prefixable) Schema Ov	vners:DEV		
Summary	Component	Schema Owner	Tablespace Type	Tablespace Name
Completion Summary	Metadata Services WebCenter Spaces	DEV_MDS	Default Temp Additional Default Temp Additional	DEV_MDS DEV_IAS_TEMP None DEV_IAS_WEBCENTER DEV_IAS_TEMP None
	Portlet Producers	DEV_PORTLET	Default Temp Additional	DEV_IAS_PORTLET DEV_IAS_TEMP None
	Activity Graph and Analytics	DEV_ACTIVITIES	Default Temp Additional	DEV_IAS_ACTIVITY DEV_IAS_TEMP None
	Discussions	DEV_DISCUSSIONS	Default Temp Additional	DEV_IAS_DISCUSS DEV_IAS_TEMP None
Help		< <u>T</u> erug	Volgende >	Create Annuleren

Press the OK button to start the creation of the schemas:

ер	ository Create in progress.	
I	Metadata Services	00:01.638(sec)
Э	Portlet Producers	00:00.764(ms)
	Activity Graph and Analytics	0
	Discussions	0
	WebCenter Spaces	0
	Execute post create operations	0

Normally everything should go well and you will see an overview of everything that has been created and their status:

🐇 Repository Creation Utility - Step	7 of 8 : Completion Summary			
Completion Summary			FUS	
Create Repository Database Connection Details Select Components Schema Passwords Custom Variables Map Tablespaces Summary Completion Summary	Database details: Host Name: local Port: 152 Service Name: XE Connected As: sys Operation: Creat RCU Logfile: C:\Us Component Log Directory: C:\Users Execution Time: 41 se Prefix for (prefixable) Schema Owner	lhost 1 e ers\Yannick\Downloads\ s\Yannick\Downloads\ cconds ers:DEV	ds\rcuHome\rcu\log\logdir.20 rcuHome\rcu\log\logdir.20	2011-01-29_17-57\rcu.log 11-01-29_17-57
	Component	Status	Logfile	Time
	Metadata Services	Success	mds.log	00:01.622(sec)
	WebCenter Spaces	Success	webcenter.log	00:07.004(sec)
	Portlet Producers	Success	portlet.log	00:01.154(sec)
	Activity Graph and Analytics	Success	activities.log	00:01.826(sec)
	Discussions	Success	discussions.log	00:03.900(sec)
Help		< <u>T</u> erug	Volgende >	<u>Create</u>

Press the close button.

Install WebCenter Suite

Make sure you have download the latest version of WebCenter: http://www.oracle.com/technetwork/middleware/webcenter/downloads/index.html

Open setup.exe from the Disk1 folder.

You will get a popup were you need to specify a valid directory with a JVM.



The directory on your machine can be different from the one on mine... Press enter in order to confirm the directory and the installer will start You will first see a welcome screen. You will find some information about the prerequisites but because you al followed this howto, no need to read them :) You just can press the next button

The next window will also provide you the possibility to update. We do a clean install so select Skip Software Update and press next:

Oracle Fusion Middleware 11	3 WebCenter Installation - Stap 2 van 8
Install Software U	pdates
Welcome	Skip Software Updates
Skip Software Updates	Search My Oracle Support for Updates
Prerequisite Checks	User Name:
Installation Location	Password:
Application Server	Proxy Settings Test Connection
Installation Summary	O Search Local Directory for Updates
 Installation Progress 	Local Directory: Browse
 Installation Complete 	Search For Updates
Help	< Terug Volgende > Volgende > Annuleren
	Elapsed Time: 2m 53s

The next window checks some prerequisites like OS and physical memory.

Oracle Fusion Middleware 11g	WebCente	r Installation - Stap 3 van 8		
Prerequisite Chec	ks	~		<u>e</u> 11
<u>Welcome</u>	Selection	Check	Progress	Status
Skip Software Updates	1	Checking operating system certification	100%	1
Prerequisite Checks	1	Checking physical memory	100%	×
Installation Location				
Application Server				
Installation Summary				
Installation Progress				
Installation Complete				
		A	bort <u>R</u> etry	Continue
	⊕ - ✓ C	hecking operating system certification hecking physical memory		
Help		< Terug Volgende >	<u>V</u> oltooien	Annuleren
			E	apsed Time: 4m 28

In the next screen you need to select the middleware home directory and the Oracle Home directory. Make sure you have selected the middleware home directory you created during the install of the WLS.

Oracle Fusion Middleware 11g WebCenter Installation - Stap 4 van 8				
Specify Installation	Location CRACLE 118			
 Welcome Skip Software Updates Prerequisite Checks Installation Location Application Server Installation Summary Installation Progress Installation Complete 	Oracle Middleware Home: Oracle\Middleware11gR1_PS3 ▼ Browse Oracle Home Directory: Oracle_WC The Oracle home will be created under the Oracle Middleware Home location with the given name.			
Help	< Terug Volgende > Voltooien Annuleren			
	Elapsed Time: 5m 3s			

In the next window you can select to install WebCenter on WebLogic or IBM Websphere. We are going to install it on WebLogic:

Oracle Fusion Middleware 11g	WebCenter Installation - Stap 5 van 8
Application Serve	FUSION MIDDLEWARE 118
Welcome	
Skip Software Updates	
Prerequisite Checks	WebLogic Server
Installation Location	O WebSphere
Application Server	
Installation Summary	
Installation Progress	Application Server Location
Installation Complete	C:\Oracle\Middleware11gR1_PS3 Browse
	WLS installation detected. WebLooic Server support available in this Middleware Home.
Help	< Terug Volgende > Voltooien Annuleren
	Elapsed Time: 6m 13s

The next window shows an overview of the of the installation properties. Press install in order to install WebCenter:

0	Or	acle Fusion Middleware 11	g WebCenter Installation - Stap 6 van 8
	Ir	nstallation Summ	nary ORACLE TIS
	P	Welcome	EInstall Oracle WebCenter
	4	Skip Software Updates	Directory Details
	Ļ.	Prerequisite Checks	Middleware Home Location: C:\Oracle\Middleware11gR1_PS3
	Ļ	Installation Location	
	Ļ.	Application Server	Application Server Location: C:\Oracle\Middleware11gR1_PS3
	¢	Installation Summary	Disk Space
1	¢	Installation Progress	Available: 43033 MB
	6	Installation Complete	WebCenter Spaces
			·····WebCenter Framework
			WebCenter Portlets
			Save Response File: Save
			To change this configuration before installing, select the topic you want to change in the pane on the left. To install this configuration, select <u>I</u> nstall.
		Help	< Terug Volgende > Install Annuleren
			Elapsed Time: 7m 3s

When the installation has completed you can press to times Next.

WebCenter is now installed and we can start creating the domain in our installed WebLogic server.

Create the WebLogic Domain

In order to create a new domain, we need to run the configuration tool from weblogic. This can be found in the commons directory of the WLS:

C:\Oracle\Middleware11gR1_PS3\wlserver_10.3\common\bin

Execute config.exe

In the first screen select the Create a new WebLogic domain and press Next

Fusion Middleware Configuration Wizard	
Welcome	ORACLE
Create a new WebLogic domain	
Create a WebLogic domain in your projects directory.	
O Extend an existing WebLogic domain	
Use this option to add new components to an existing domain and modify configuration settings.	
	Previous Next

In the next screen we need to provide the components we want to install in our domain.

Select following components:

- Oracle Webcenter Spaces
- Oracle Portlet Producers
- Oracle WebCenter Discussion Server
- Oracle WebCenter Activity Graph Engines
- Oracle WebCenter Personalization
- Oracle WebCenter Pagelet Producer

This will create a full blown domain with all the features of Webcenter. If you don't plan on testing or using some features, than by all means, don't select them in your domain.

Press the next button.

Fusion Middleware Configuration Wizard	— — X
Select Domain Source	ORACLE
• Generate a domain configured automatically to support the follow	ing products:
☑ Basic WebLogic Server Domain - 10.3.4.0 [wlserver_10.3] *	
Oracle WebCenter Spaces - 11.1.1.0 [Oracle_WC]	
Oracle Enterprise Manager - 11.1.1.0 [oracle_common]	
✓ Oracle Portlet Producers - 11.1.1.0 [Oracle_WC]	
Oracle WebCenter Discussion Server - 11.1.1.0 [Oracle_WC]	
Oracle WebCenter ActivityGraph Engines - 11.1.1.0 [Oracle_WC]	
Oracle WebCenter Personalization - 11.1.1.0 [Oracle_WC]	
✓ Oracle WebCenter Pagelet Producer - 11.1.1.0 [Oracle_WC]	
Oracle WebCenter Analytics Collector - 11.1.1.0 [Oracle_WC]	
Oracle WSM Policy Manager - 11.1.1.0 [oracle_common]	
Oracle JRF WebServices Asynchronous services - 11.1.1.0 [oracle_common]	
Oracle JRF - 11.1.1.0 [oracle_common]	
Basic WebLogic SIP Server Domain - 10.3.4.0 [wlserver_10.3]	
WebLogic Advanced Web Services for JAX-RPC Extension - 10.3.4.0 [wlserver_10.3]	¥
○ Base this domain on an existing template	
Template location: C:\Oracle\Middleware11gR1_PS3	Browse
Exit Help	Previous Next

In the next step you need to provide a name for your domain and the directory for the domain

Fusion Middleware Configuration Wizard				
Specify Domain Name and Location				ORACLE
Enter the nam	ne and location fo	r the domain and its appli	ications:	
Domain name: Domain location: Application location:	webcenter_domain C:\Oracle\Middleware1: C:\Oracle\Middleware1:	1gR1_PS3\user_projects\domains 1gR1_PS3\user_projects\applicatior	Browse Browse	
Exit Help				Previous Next

Fusion Middleware Configu	ration Wizard	
Configure Administrato	r User Name and Password	ORACLE
🕐 Discard Changes		
*Name:	weblogic	
*User password:	****	
*Confirm user password:	****	
Description:	This user is the default administrator.	
E <u>x</u> it <u>H</u> elp		Previous Next

Now it's time to provide the name for the admin user and a password.

Press Next

Make sure Development Mode is selected in the list on the left and provide an installed JDK:

Fusion Middleware Configuration Wizard		
Configure Server Start Mode and JDK Before putting your domain into production, make sure that I Production Environment' in the WebLogic Server documentat	the production	environment is secure. For more information, see the topic 'Securing a
WebLogic Domain Startup Mode	JDK Select	n
Development Mode Utilize boot, properties for username and password and poll for applications to deploy. Sun JDK recommended for better startup performance during iterative development.	¥.	vailable JDKs Rockit SDK 1.6.0_22 @ C:\Oracle\Middleware11gR1_PS3\jr iun SDK 1.6.0_21 @ C:\Oracle\Middleware11gR1_PS3\jdK1(
Production Mode Require the entry of a username and password and do not poll for applications to deploy. WebLogic JRockit JDK recommended for better runtime performance and management.		
Exit Help		Previous Next

In the next step you need to configure the JDBC connections. You can modify all the schemas together by checking the checkbox right to each schema. Because we have used a single password for all the schemas, this step is easy:

Fusio	on Middlewa	are Configuration Wi	zard	E	-			
Confi	gure JDB	C Component S	chema				ORACLE	
Note:	Change onl	y the input fields below	v that you wish to modify	y and values will be applie	ed to all selected	l rows.		
Vendor: Oracle					DBMS/Serv	ice: xe		
	Driver:	*Oracle's Driver (Thi	n) for Service connectio	ns; Versions:9.0.1 and la	- Host Na	me: localhost		
Sch	nema Owner:	Varies among compor	nent schemas		P	ort: 1521	1521	
Schem	na Password:	****						
	Com	Configure selected	component schemas as	RAC multi data source so	hemas in the ne	schema Owner	Schema Pacsword	
	ActivitiesDS	Schema	xe	localhost	1521	DEV ACTIVITIES	*****	
	DiscussionD:	5 Schema	xe	localhost	1521	DEV_DISCUSSIONS	*****	
	Personalizat	ionDS Schema	xe	localhost	1521	DEV_WEBCENTER	*****	
	PortletDS So	hema	xe	localhost	1521	DEV_PORTLET	****	
	WebCenter)S Schema	xe	localhost	1521	DEV_WEBCENTER	****	
	mds-Pagelet	ProducerDS Schema	xe	localhost	1521	DEV_MDS	****	
	WebCenter	MDS Schema	xe	localhost	1521	DEV_MDS	****	
	OWSM MDS	Schema	xe	localhost	1521	DEV_MDS	****	
	Personalization MDS Schema xe		xe	localhost	1521	DEV_MDS	****	
E	<u>x</u> it <u>H</u> e	эlр					Previous Next	

All the connections will be checked to see if they are correct and meet the requirements:

st JD	BC Co			
	Status	Component Schema	JDBC Connection URL	
	\checkmark	ActivitiesDS Schema	jdbc:oracle:thin:@localhost:1521/xe	
\checkmark	\checkmark	DiscussionDS Schema	jdbc:oracle:thin:@localhost:1521/xe	
\checkmark	\checkmark	PersonalizationDS Schema	jdbc:oracle:thin:@localhost:1521/xe	
	\checkmark	PortletDS Schema	jdbc:oracle:thin:@localhost:1521/xe	
\checkmark	\checkmark	WebCenterDS Schema	jdbc:oracle:thin:@localhost:1521/xe	
\checkmark	\checkmark	mds-PageletProducerDS Schema	jdbc:oracle:thin:@localhost:1521/xe	
	\checkmark	WebCenter MDS Schema	jdbc:oracle:thin:@localhost:1521/xe	
\checkmark	\checkmark	OWSM MDS Schema	jdbc:oracle:thin:@localhost:1521/xe	
<u>S</u> elect Conne	All U	nselect All Test Connections		
Comp Driver URL=j User= Passw SQL T	onent Sch =oracle.j idbc:oracl DEV_MD9 ord=**** est=selec	ema=Personalization MDS Schema dbc.OracleDriver e:thin:@localhost:1521/xe 5 **** t: 1 from schema_version_registry	where owner=(select user from dual) and mr_type='MDS'	
CFGF	WK-20850): Test Successful!		

If everything went well, all the test should be successful and you can press the next button.

We are not going to modify anything else on the domain so just press next in the Select Optional configuration screen.

In the next screen press the Create button in order to create the domain. After some moments your WebCenter domain should be ready.

Press the done button to close the wizard.

Your domain is now ready to be used.

Start the servers

Each domain has an adminServer which need to be started before we can start the managed servers.

This can be done by executing the startWebLogic.cmd command in following directory: <middleware home>\user_projects\domains\webcenter_domain\bin

The admin server will now start. Be patient, this can take a few minutes depending on your system.

The server has been started when you see following line:

<WebLogicServer> <BEA-000360> <Server started in RUNNING mode>

You can open the console: http://localhost:7001/console When you have been logged in to the console you can take a look at your environment by opening the servers page from the environment section:

There you can see the managed server that you need to start:

- WC_Collaboration: contains the WebCenter services
- WC_Portlet: used for deploying portlets
- WC_Spaces: this is the WebCenter Spaces server
- WC_Utilities: Analytics and activity graph is installed on this one.

The beauty of this is that you only need to start the servers you want. For example, if you don't want to use the analytics or discussions, you just can start the spaces server. This is what we will do now.

You can't start the servers from the console unless you have installed the node manager but we haven't done so.

The basic command for starting a managed server is the following:

startManagedWebLogic.cmd <managedServer> <WebLogic HTTP address>

For example in order to start the spaces server we need to execute following command:

startManagedWebLogic.cmd WC_Spaces http://localhost:7001

When you execute this command, some initializations will take place and after that you will need to provide the username and password of the admin user you defined during install.

When you start the server you might see an error that looks like this:

ORA-04063: package body "DEV_MDS.MDS_INTERNAL_SHREDDED" has errors ORA-06508: PL/SQL: could not find program unit being called: "DEV_MDS.MDS_INTERNAL_SHREDDED" ORA-06512: at line 1

Although the server will be started, the WebCenter application will not work.

In order to solve this, you only need to recompile the packages from the DEV_MDS schema. If you don't know how to do this, this can be done in JDeveloper. First create a connection to the DEV_MDS schema.

Make sure you also compile the package body and not only the specifications!



Shutdown the managed server first and rerun the command to start the managed server.

Now you should see the server in running mode without seeing any error message.

Test the spaces application by going to http://localhost:8888/webcenter

When you see the default welcome page, your server works!



Happy developing