

Oracle® Fusion Middleware
Repository Creation Utility User's Guide
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Preface

Oracle Fusion Middleware Repository Creation Utility User's Guide

Intended Audience

This guide is intended for users who are installing Oracle Fusion Middleware 11g

g
root

Documentation Accessibility

<http://www.oracle.com/accessibility/>

Accessibility of Code Examples in Documentation

otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

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<http://www.fcc.gov/cgb/consumerfacts/trs.html>
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Related Documents

manuals:

- *Oracle Fusion Middleware Installation Planning Guide*
- Oracle Fusion Middleware Administrator's Guide*
- Oracle Fusion Middleware High Availability Guide*

Conventions

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Repository Creation Utility Overview

Section 1.1, "What is RCU?"

Section 1.2, "Where Can I Get RCU?"

1.1 What is RCU?

1.1.1 Integrate Components Using Declarative XML

1.1.2 Single Stand-Alone Tool

1.1.2.1 Launch RCU from the CD

When RCU is launched from the CD, log files are written to the user's TEMP

1.1.2.2 Launch RCU Remotely

1.1.2.3 Launch RCU in Silent Mode (Using the CLI)

1.1.3 Custom Schemas and Tablespaces

Note:

ODS

1.1.4 Global and Component Level Prerequisites

http://www.oracle.com/technology/software/products/ias/files/fusion_requirements.htm

1.1.5 Grouping Related Schemas Together with Prefixes

Section 2.4.2, "Are Multiple Schemas Supported?".

The mapping between the prefixes and schemas is maintained in schema_version_registry

1.2 Where Can I Get RCU?

ZIP file on Oracle Technology Network (OTN):

http://www.oracle.com/technology/software/products/middleware/htdocs/11_1110_fmw.html

bin

Note:

.zip

2

Running Repository Creation Utility (RCU)

Section 2.5, "Dropping Schemas"

Section 2.6, "Creating the Portal Demo Schema"

Section 2.7, "Using the Repository Creation Utility CLI"

2.1 RCU System and Database Requirements

2.2 Starting RCU

rcuHome/bin

rcuHome\bin

./rcu

rcu.bat

You can also download a file containing RCU from Oracle Technology Network (OTN):

After downloading the file, extract the contents to a directory of your choice, and run RCU from the *RCU_HOME*

RCU_HOME

2.3 Using RCU with Java Access Bridge (Windows Only)

2.3.1 Install Java Access Bridge

1.

<http://java.sun.com/javase/technologies/accessibility/accessbridge/>

access-bridge.jar jaccess-1_4.jar
jre\lib\ext
WindowsAccessBridge.dll JavaAccessBridge.dll
JAWTAccessBridge.dll jre\bin

5. accessibility.properties jre\lib

ORACLE_OEM_CLASSPATH

System

Advanced

New

6. OK

2.4 Creating Schemas

2.4.1 Do all Schemas Have to Reside in the Same Database?

2.4.2 Are Multiple Schemas Supported?

The Oracle Internet Directory () component cannot be prepended with a custom prefix; there can only be one repository for this component per database.

DEV_MDS

DEV
DEV_MDS2

2.4.3 What Happens When a Schema is Created?

b. ALTER SESSION SET CURRENT SCHEMA

c. Create the schema objects.

Table 2–1 to create schemas.

Click on the screen name to see more detailed information for that screen. Unless otherwise noted, click **Next**

Table 2–1 How to Create Schemas

No.	RCU Screen	Instructions and Action Required
1	Welcome Screen	None.
2	Create Repository Screen	Select Create
3	Database Connection Details Screen	Specify the connection details for your database.
4	Select Components Screen (for Create Operation)	Specify a schema prefix and select the components for which you want to create schemas in the database. You must remember the prefix and schema names for the components you are installing; you will need this information during the configuration phase of Fusion Middleware product installation. Oracle recommends that you write these values down.
5	Schema Passwords Screen	Specify the passwords for your schema owners. You must remember the passwords you enter on this screen; you will need this information during the configuration phase of Fusion Middleware product installation. Oracle recommends that you write these values down.
6	Map Tablespaces Screen	Configure the desired tablespace mapping for the schemas you want to create.
7	Summary Screen (for Create Operation)	Review the information on this screen, then click Drop to begin schema creation.
8	Completion Summary Screen (for Create Operation)	Note the location of the log files, then click Close to dismiss the screen.

2.5 Dropping Schemas

Table 2–2 How to Drop Schemas

Drop

Drop

Close

2.5.2 Dropping Schemas and Deleting Datafiles (Windows Only)

2.6 Creating the Portal Demo Schema

```
portal_schema_user_
name
instdemo.sql

> sqlplus /nolog
SQL> connect sys as sysdba
SQL> @instdemo.sql portal_schema_user_name
      portal_schema_user_password
      default_tablespace
      temporary_table_space
      name_of_the_demo_schema_user
      password_of_the_demo_schema_user
      name_of_the_log_file
      database_connection_string

SQL> @instdemo.sql portal portalpassword portal ias_temp portal_demo
      portaldemopassword example_app.log (DESCRIPTION=
      LIST=(ADDRESS=(PROTOCOL=TCP) (HOST=db.example.com) (PORT=1521))) (CONNECT_
      DATA=(SERVICE_NAME=orcl))
```

2.7 Using the Repository Creation Utility CLI

■

2.7.1 CLI Syntax and Parameters

```
rcu [-silent | -interactive] [-createRepository | -dropRepository] {<options>}

-silent

-silent

-interactive

-createRepository

-dropRepository
```

Table 2–3 RCU Command Line Interface Options and Descriptions

Option	Description	
-compInfoXMLLocation	RCU_HOME	ComponentInfo.xml (on UNIX systems) or RCU_HOME\rcu\config
-storageXMLLocation	/rcu/config	StorageInfo.xml \rcu\config
-databaseType	Type of database to which you are connecting. Valid options are ORACLE IBMDB2 SQLSERVER	
-connectString	<ul style="list-style-type: none">▪ Oracle databases: use the format <i>host port sid</i>▪ Microsoft SQL Server databases: use the format <i>server name or host port database name</i>	
-dbUser	SYS	
-dbRole		SYSDBA SYS
-unicodeSupport	SQLSERVER database type only.	

Table 2–3 (Cont.) RCU Command Line Interface Options and Descriptions

-variables	=value "RCU Environment Variables" for a list of RCU environment variables.
-schemaPrefix	<p>Are Multiple Schemas Supported?" and Section A.5, "Select Components Screen (for Create Operation)".</p> <p>Some schemas do not take prefixes; see Section 2.4.2, "Are Multiple Schemas Supported?" for more information.</p> <p>ID of the component(s) you want to add or drop. To specify a single component, use the format:</p>

component_ID

component_ID

component_ID

Table 2–4 in Section 2.7.3, "RCU Component IDs and Schema Dependencies". Multiple components are sometimes necessary because of dependencies; for example, you cannot create the Oracle Portal () schema if the Portlet Producers () schemas does not already exist. In this case, you must specify both schemas:

For more information about schemas and their dependencies, see Section 2.7.3, "RCU Component IDs and Schema Dependencies".

MDS	ORASDPM	SOAINFRA
MDS	ORASDPM	SOAINFRA
		MDS
		ORASDPM

Table 2–4 Component IDs and Dependencies

Component	Component ID	Dependencies
AS Common Schemas		
Identity Management Schemas		
Oracle Enterprise Content Management Suite Schemas		

WebLogic Communication Services Schemas

SOA and BPM Infrastructure Schemas

WebCenter Suite Schemas

Oracle Content Server 10g

	DISCUSSIONS_CRAWLER	Discussions (DISCUSSIONS
	WIKI	None
Discoverer	DISCOVERER	None
Portal	PORTAL	Portlet Producers ()

```

[-compInfoXMLLocation <location of ComponentInfo.xml file>
   <location of Storage.xml file>

   <database connect string (for example: host:port:service_id)>
   -dbUser <database username>
   [-dbRole <database role>]
   [-unicodeSupport Yes/No (default is Yes. Applicable for SQLSERVER databases
only.)]
   [-variables <comma separated variables in the format: variablename=value>
   [-schemaPrefix <schema prefix (optional for non-prefixable components)>
      <component ID>

   -compInfoXMLLocation
   -component
   -component

```

```

./rcu -silent -createRepository -databaseType ORACLE -connectString
host1.oracle.com:1521:orcl -dbUser sys -dbRole sysdba -schemaPrefix TEST
-component SOAINFRA -component MDS -component ORASDPM

```

```

rcu [-silent | -interactive] -dropRepository
   [-compInfoXMLLocation
    [-storageXMLLocation
     [-databaseType [ORACLE|SQLSERVER]]
     -connectString
     -dbUser
     [-dbRole
      [-variables
       [-schemaPrefix
        -component

```

```

   -compInfoXMLLocation
   -component

```

```

./rcu -silent -dropRepository -databaseType ORACLE -connectString
host1.oracle.com:1521:orcl -dbUser sys -dbRole sysdba -schemaPrefix TEST
-component WEBCENTER

```

2.7.6 RCU Environment Variables

Table 2–5 RCU Environment Variables

Variable	Default	Description
RCU_LOG_LOCATION	/rcu/log \rcu\log	
RCU_TIMESTAMP_LOG_DIR	true	<i>logdir.yyyy-dd_hh-mm</i>
	NOTIFICATION TRACE	

3

Extending RCU to Configure Custom Application Repositories

integrating Legacy/Classic components such as Oracle Portal 10g or Identity Management. Components that have a dependency on SQL*Plus scripts cannot be loaded with RCU when running from the installed Oracle Home. They can only be used when running RCU from CD.

3.1.1 RCU JDBC Engine Compliant SQL*Plus Scripts

3.1.2 Pure JDBC Scripts

Connection.prepareCall() Connection.createStatement()
JDBC Bind variables with '?' convention are supported.

Some disadvantages of this option are:

- No nested scripts, which can mean a larger number of scripts.
- May require a more significant re-work for component teams to re-write the scripts in this format.
- Difficult to maintain as every DDL statement has to be wrapped with in EXECUTE IMMEDIATE.
- Cannot be run using SQL*Plus in development environment.
- Less useful error support since the whole block would fail in case of any errors.

Below is an example:

```
<Action TYPE="JDBC" PERCENT_PROGRESS="20">
    <ValidIf DBTYPE="ORACLE" />
    <Command TYPE="INLINE">DROP USER %SCHEMA_USER% CASCADE</Command>
</Action>

<Action TYPE="Java" PERCENT_PROGRESS="100">
    <Command TYPE="METHOD">
        oracle.ias.version.SchemaVersionUtil:utilSetComponentValid
    </Command>

    <Parameters>
        <Parameter TYPE="String">MDS</Parameter>
    </Parameters>
</Action>

<Action TYPE="SQLPlus" PERCENT_PROGRESS="100">
    <Command TYPE="SCRIPT">%SCRIPT_HOME%/oid/scripts/seedldap.sql</Command>
    <IgnorableErrors>
        <Error Type="ORA-01918">user name does not exist</Error>
    </IgnorableErrors>
</Action>
```

```
</IgnorableErrors>
</Action>

<Action TYPE="JDBCSqlScript" PERCENT_PROGRESS="20">
    <ValidIf DBTYPE="ORACLE" />
    <Command TYPE="SCRIPT">%SCRIPT_HOME%/mds/sql/mds_user.sql</Command>
    <Parameters>
        <Parameter TYPE="CmdLine">%SCHEMA_USER%</Parameter>
        <Parameter TYPE="CmdLine">%SCHEMA_PASSWORD%</Parameter>
        <Parameter TYPE="CmdLine">%DEFAULT_TABLESPACE%</Parameter>
        <Parameter TYPE="CmdLine">%TEMPORARY_TABLESPACE%</Parameter>
    </Parameters>
</Action>

<Action TYPE="HostCmd">
    <Command TYPE="SCRIPT">%RCU_%
HOME%/rcu/integration/cdb/config/bin/configure</Command>
    <Parameters>
        <Parameter TYPE="ProcessInput">%JDBC_CONNECT_STRING%</Parameter>
        <Parameter TYPE="ProcessInput">%DBADMIN_USER%</Parameter>
        <Parameter TYPE="ProcessInput">%DBADMIN_PASSWORD%</Parameter>
        <Parameter TYPE="ProcessInput">%PREFIX_NAME%</Parameter>
        <Parameter TYPE="ProcessInput">%SCHEMA_USER%</Parameter>
        <Parameter TYPE="ProcessInput">%SCHEMA_PASSWORD%</Parameter>
        <Parameter TYPE="ProcessInput">%DEFAULT_TABLESPACE%</Parameter>
        <Parameter TYPE="ProcessInput">%TEMPORARY_TABLESPACE%</Parameter>
    </Parameters>
</Action>

<Action TYPE="Java">
    <Command TYPE="METHOD">
        oracle.ias.version.SchemaVersionUtil:utilCreateRegistryEntry
    </Command>

    <Parameters>
        <Parameter TYPE="Connection"></Parameter>
        <Parameter TYPE="String">%SCHEMA_USER%</Parameter>
    </Parameters>
</Action>

<Action TYPE="Java">
```

3.2 RCU Configuration Files

3.2.1 XML DTDs Defined by RCU

3.2.1.1 Component Descriptor Configuration File

```
<?xml version="1.0" encoding="UTF-8" ?>
<!ENTITY % commonDTD SYSTEM "RCUCommon.dtd">
%commonDTD;
<!ELEMENT ComponentInfo (Display, PrefixSettings, Component*,
PrerequisiteDescriptor*, ExecutionDescriptor?, FatalErrors?, IgnorableErrors?)>
<!ATTLIST ComponentInfo
    VERSION CDATA #REQUIRED
    TYPE CDATA #REQUIRED
    RESOURCE_BUNDLE_PACKAGE CDATA #IMPLIED>
<!ELEMENT PrefixSettings (DetectQuery*)>
<!ATTLIST PrefixSettings
    USE_SCHEMA_PREFIX (TRUE|FALSE) "TRUE"
    USE_TABLESPACE_PREFIX (TRUE|FALSE) "TRUE">
<!ELEMENT Component (ValidIfSet?, ValidIf?, Display, RepositoryConfigFile?,
DetectQuery*, SchemaVersion?, SchemaUser?, AdditionalSchemaUser*, Dependents?,
DatabaseName?, Tablespaces?)>
<!ATTLIST Component
    ID CDATA #REQUIRED
```

```

        PROGRESS_UNITS CDATA #IMPLIED
        IS_GROUPING_COMPONENT (TRUE|FALSE) "FALSE"
        DEFAULT_SELECTED (TRUE|FALSE) "FALSE"
        CHILD_OF CDATA #IMPLIED >
<!ELEMENT Display (#PCDATA)>
<!ATTLIST Display
        NLS_ID CDATA #IMPLIED>
<!ELEMENT RepositoryConfigFile (#PCDATA)>
<!ELEMENT DetectQuery (#PCDATA)>
<!ATTLIST DetectQuery
        OPERATION (CREATE|DROP) 'CREATE'
        TYPE (ORACLE|SQLSERVER|IBMDB2) 'ORACLE'>
<!ELEMENT SchemaVersion (#PCDATA)>
<!ELEMENT SchemaUser (#PCDATA)>
<!ATTLIST SchemaUser
        USER_EDITABLE (TRUE|FALSE) "TRUE"
        PREFIXABLE (TRUE|FALSE) "TRUE"
        IS_CREATED (TRUE|FALSE) "TRUE">
<!ELEMENT AdditionalSchemaUser (#PCDATA)>
<!ATTLIST AdditionalSchemaUser
        STARTS_WITH_SCHEMA_USER (TRUE|FALSE) "TRUE" >
<!ELEMENT Dependents (Dependent*)>
<!ELEMENT Dependent (#PCDATA)>
<!ATTLIST Dependent
        COMPONENT_ID CDATA #REQUIRED
        ALT_COMPONENT_ID CDATA #IMPLIED>
<!ELEMENT DatabaseName (#PCDATA)>
<!ELEMENT Tablespaces (Tablespace*)>
<!ATTLIST Tablespace TYPE (DEFAULT_TABLESPACE|TEMPORARY_TABLESPACE|ADDITIONAL_
TABLESPACE1|ADDITIONAL_TABLESPACE2|ADDITIONAL_TABLESPACE3|ADDITIONAL_
TABLESPACE4|ADDITIONAL_TABLESPACE5) "DEFAULT_TABLESPACE">
<!ELEMENT Tablespace (Prompt, TablespaceName)>
<!ELEMENT Prompt (#PCDATA)>
<!ATTLIST Prompt NLS_ID CDATA #IMPLIED>
<!ELEMENT TablespaceName (#PCDATA)>
```

RepositoryConfig.dtd

```

    /rcu/config
    \rcu\config

<?xml version="1.0" encoding="UTF-8" ?>
<!ENTITY % commonDTD SYSTEM "RCUCommon.dtd">
%commonDTD;
<!ELEMENT RepositoryConfig (PrerequisiteDescriptor*, ExecutionDescriptor,
DeleteDescriptor?)>
<!ATTLIST RepositoryConfig
        COMP_ID CDATA #REQUIRED>
<!ELEMENT DeleteDescriptor (Action*)>
```

RCUCommon.dtd

```
/rcu/config           \rcu\config
```

```
<?xml version="1.0" encoding="UTF-8" ?>
<!ELEMENT PrerequisiteDescriptor (DBPrerequisiteSet*, DBPrerequisite*)>
<!ATTLIST PrerequisiteDescriptor
      TYPE (CREATE|DROP|REGISTER|DEREGISTER) 'CREATE'>
<!ELEMENT DBPrerequisiteSet (ValidIfSet?, ValidIf?, PrereqSetErrorMsg?,
DBPrerequisite*)>
<!ATTLIST DBPrerequisiteSet
      OPERATOR (OR|AND) "OR"
      SOFT (TRUE|FALSE) "FALSE">
<!ELEMENT DBPrerequisite (ValidIfSet?, ValidIf?, PrereqIdentifier, PrereqValue,
PrereqErrorMsg?)>
<!ATTLIST DBPrerequisite
      PREREQ_TYPE
      (InitParameter|DBOption|Java|DBComponent|DBVersion|DBObject|CustomSQL|TablespaceFr
eeMB) "CustomSQL"
      DATA_TYPE (STRING|NUMBER) "STRING"
      COMPARE_OPERATOR (EQ|GT|LT|NE|GE|LE|COMPARE_VERSION) "EQ"
      SOFT (TRUE|FALSE) "FALSE">

<!ELEMENT PrereqIdentifier (#PCDATA)>
<!ELEMENT PrereqValue (#PCDATA)>
<!ELEMENT PrereqSetErrorMsg (#PCDATA)>
<!ATTLIST PrereqSetErrorMsg
      NLS_ID CDATA #IMPLIED>
<!ELEMENT PrereqErrorMsg (#PCDATA)>
<!ATTLIST PrereqErrorMsg
      NLS_ID CDATA #IMPLIED>
<!ATTLIST PrereqValue
      UNIT (KB|MB|NoUnit) 'NoUnit'>
<!ELEMENT ExecutionDescriptor (Action*)>
<!ATTLIST ExecutionDescriptor
      TYPE (Load|PreLoad|PostLoad) "Load">
<!ELEMENT Action (ValidIfSet?, ValidIf?, Command, Parameters?, FatalErrors?,
IgnorableErrors?)>
<!ATTLIST Action
      TYPE (JDBCSqlScript|JDBC|SQLPlus|HostCmd|Java) "JDBCSqlScript"
      DB_VERSION CDATA #IMPLIED
      PERCENT_PROGRESS CDATA #IMPLIED
      CONNECT_AS_OWNER (TRUE|FALSE) "FALSE"
      RESET_SESSION (TRUE|FALSE) "FALSE">
<!ELEMENT Command (#PCDATA)>
<!ATTLIST Command
      TYPE (SCRIPT|INLINE|METHOD) "SCRIPT">
<!ELEMENT Parameters (Parameter*)>
<!ELEMENT Parameter (#PCDATA)>
<!ATTLIST Parameter
      TYPE
      (BindVar|CmdLine|ProcessInput|EnvVar|Connection|int|String|StringArray|boolean)
      "CmdLine">
<!ELEMENT FatalErrors (Error*)>
<!ELEMENT IgnorableErrors (Error*)>
<!ELEMENT Error (#PCDATA)>
<!ATTLIST Error
      Type CDATA #REQUIRED>
<!ELEMENT ValidIfSet (ValidIf*)>
<!ATTLIST ValidIfSet
      DBTYPE CDATA #IMPLIED
      DBVERSION CDATA #IMPLIED
      OSNAME CDATA #IMPLIED
      OPERATOR (OR|AND) "OR">
```

```

<!ELEMENT ValidIf (CustomQueryFilter?)>
<!ATTLIST ValidIf
    DBTYPE CDATA #IMPLIED
    DBVERSION CDATA #IMPLIED
    OSNAME CDATA #IMPLIED >
<!ELEMENT CustomQueryFilter (#PCDATA)>
<!ATTLIST CustomQueryFilter
    DATA_TYPE (STRING|NUMBER) "STRING"
    COMPARE_OPERATOR (EQ|GT|LT|NE|GE|LE|COMPARE_VERSION) "EQ"
    VALUE CDATA #REQUIRED >

```

3.2.1.4 Storage Attributes Configuration File

```

<!ELEMENT TablespaceAttributes (Type?,DefaultTemp?, BlockSize?, Bigfile?,
AutoSegmentSpaceManagement?, DatafilesList)>
<!ATTLIST TablespaceAttributes
    NAME CDATA #REQUIRED>
<!ELEMENT Type (#PCDATA)>
<!ELEMENT DefaultTemp (#PCDATA)>
<!ELEMENT BlockSize (#PCDATA)>
<!ELEMENT Bigfile (#PCDATA)>
<!ELEMENT AutoSegmentSpaceManagement (#PCDATA)>
<!ELEMENT DatafilesList (DatafileAttributes+)>
<!ELEMENT DatafileAttributes (Size, Reuse?, AutoExtend?, Increment?, Maxsize?)>
<!ATTLIST DatafileAttributes
    ID CDATA #REQUIRED>
<!ELEMENT Size (#PCDATA)>
<!ATTLIST Size
    UNIT (KB|MB|GB) 'MB'>
<!ELEMENT Reuse (#PCDATA)>
<!ELEMENT AutoExtend (#PCDATA)>
<!ELEMENT Increment (#PCDATA)>
<!ATTLIST Increment
    UNIT (KB|MB|GB) 'KB'>
<!ELEMENT Maxsize (#PCDATA)>
<!ATTLIST Maxsize
    UNIT (KB|MB|GB) 'MB'>

```

3.2.2 Component Repository Configuration File

<component>

<i>HOME</i>	<i>RCU_HOME</i>	<i>RCU_HOME</i>
	<i>component component</i>	<i>component component</i>
		<i>component component</i>

Table 3-1 Predefined RCU Parameters

Below is a sample Component Repository Configuration file for MDS (), which lists the series of prerequisites and actions:

```
<PrereqIdentifier>select count(*) from v$session where
    username='%SCHEMA_USER%'</PrereqIdentifier>
<PrereqValue>0</PrereqValue>
<PrereqErrorMsg>The schema owner '%SCHEMA_USER%' is connected to the
    database. Please disconnect and try again.</PrereqErrorMsg>
</DBPrerequisite>
</PrerequisiteDescriptor>

<ExecutionDescriptor>
    <Action TYPE="Java">
        <Command
TYPE="METHOD">oracle.ias.version.SchemaVersionUtil:utilCreateRegistryEntry</Command
d>
        <Parameters>
            <Parameter TYPE="Connection"></Parameter>
            <Parameter TYPE="String">MDS</Parameter>
            <Parameter TYPE="String">Metadata Services</Parameter>
            <Parameter TYPE="String">%PREFIX_NAME%</Parameter>
            <Parameter TYPE="String">MDS</Parameter>
            <Parameter TYPE="String">MDS</Parameter>
            <Parameter TYPE="String">%SCHEMA_USER%</Parameter>
            <Parameter TYPE="String">11.1.1.1.0</Parameter>
            <Parameter TYPE="String">LOADING</Parameter>
        </Parameters>
    </Action>
    <Action TYPE="JDBCSqlScript" PERCENT_PROGRESS="20">
        <ValidIf DBTYPE="ORACLE" />
        <Command TYPE="SCRIPT">%SCRIPT_HOME%/mds/sql/mds_user.sql</Command>
        <Parameters>
            <Parameter TYPE="CmdLine">%SCHEMA_USER%</Parameter>
            <Parameter TYPE="CmdLine">%SCHEMA_PASSWORD%</Parameter>
            <Parameter TYPE="CmdLine">%DEFAULT_TABLESPACE%</Parameter>
            <Parameter TYPE="CmdLine">%TEMPORARY_TABLESPACE%</Parameter>
```

```
        </Parameters>
    </Action>
    <Action TYPE="JDBCSqlScript" PERCENT_PROGRESS="20">
        <ValidIf DBTYPE="SQLSERVER" />
        <Command TYPE="SCRIPT">%SCRIPT_
HOME%/mds/MSSQL/cremduser-rku.sql</Command>
        <Parameters>
            <Parameter TYPE="CmdLine">%DATABASE_NAME%</Parameter>
            <Parameter TYPE="CmdLine">%SCHEMA_USER%</Parameter>
            <Parameter TYPE="CmdLine">%SCHEMA_PASSWORD%</Parameter>
        </Parameters>
    </Action>
    <Action TYPE="JDBCSqlScript" PERCENT_PROGRESS="20">
<ValidIf DBTYPE="SQLSERVER" />
        <Command TYPE="SCRIPT">%SCRIPT_
HOME%/mds/MSSQL/cremduser-rku.sql</Command>
        <Parameters>
            <Parameter TYPE="CmdLine">%DATABASE_NAME%</Parameter>
            <Parameter TYPE="CmdLine">%SCHEMA_USER%</Parameter>
            <Parameter TYPE="CmdLine">%SCHEMA_PASSWORD%</Parameter>
        </Parameters>
    </Action>
    <Action TYPE="JDBCSqlScript" PERCENT_PROGRESS="20">
        <ValidIf DBTYPE="ORACLE" />
        <Command TYPE="SCRIPT">%SCRIPT_HOME%/mds/sql/cremds-rku.sql</Command>
        <Parameters>
            <Parameter TYPE="CmdLine">%SCHEMA_USER%</Parameter>
        </Parameters>
    </Action>
    <Action TYPE="JDBCSqlScript" PERCENT_PROGRESS="20" CONNECT_AS_OWNER="TRUE">
        <ValidIf DBTYPE="SQLSERVER" />
        <Command TYPE="SCRIPT">%SCRIPT_HOME%/mds/MSSQL/cremds-rku.sql</Command>
        <Parameters>
            <Parameter TYPE="CmdLine">%DATABASE_NAME%</Parameter>
            <Parameter TYPE="CmdLine">%MDS_VARCHAR%</Parameter>
        </Parameters>
    </Action>
    <Action TYPE="Java">
        <Command
TYPE="METHOD">oracle.ias.version.SchemaVersionUtil:utilSetComponentValid</Command>
        <Parameters>
            <Parameter TYPE="String">MDS</Parameter>
        </Parameters>
    </Action>
</ExecutionDescriptor>
<DeleteDescriptor>
    <Action TYPE="JDBC" PERCENT_PROGRESS="20">
        <ValidIf DBTYPE="ORACLE" />
        <Command TYPE="INLINE">DROP USER %SCHEMA_USER% CASCADE</Command>
    </Action>
    <Action TYPE="JDBCSqlScript" PERCENT_PROGRESS="20">
        <ValidIf DBTYPE="SQLSERVER" />
        <Command TYPE="SCRIPT">%SCRIPT_
HOME%/mds/MSSQL/dropmduser-rku.sql</Command>
        <Parameters>
            <Parameter TYPE="CmdLine">%DATABASE_NAME%</Parameter>
            <Parameter TYPE="CmdLine">%SCHEMA_USER%</Parameter>
        </Parameters>
    </Action>
    <Action TYPE="Java">
```

```

<Command
TYPE="METHOD">oracle.ias.version.SchemaVersionUtil:utilDropRegistryEntry</Command>
<Parameters>
<Parameter TYPE="Connection"></Parameter>
<Parameter TYPE="String">MDS</Parameter>
<Parameter TYPE="String">%PREFIX_NAME%</Parameter>
<Parameter TYPE="String">MDS</Parameter>
</Parameters>
</Action>
</DeleteDescriptor>
</RepositoryConfig>

```

The Component List configuration file (ComponentInfo.xml) lists all the components, their respective configuration files and their default user and tablespace mappings. This file also lists the high-level pre-requisite checks and high level actions (like creating schema_version_registry table) to be done globally for all the components. Also, a list of global Ignorable or Fatal errors can be specified.

This file can be found in the /rcu/config (on UNIX operating systems) or \rcu\config (on Windows operating systems) directory.

Below is a sample ComponentInfo.xml file:

```

<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE ComponentInfo SYSTEM "dtds/ComponentInfo.dtd" -->
<!DOCTYPE ComponentInfo SYSTEM "ComponentInfo.dtd" [
<!ENTITY portlet SYSTEM "../integration/portlet/portlet_ComponentInfo.xml">
<!ENTITY mds SYSTEM "../integration/mds/mds_ComponentInfo.xml">
<!ENTITY oid SYSTEM "../integration/oid/oid_ComponentInfo.xml">
<!ENTITY soainfra SYSTEM "../integration/soainfra/soainfra_ComponentInfo.xml">
<!ENTITY bam SYSTEM "../integration/bam/bam_ComponentInfo.xml">
<!ENTITY webcenter SYSTEM "../integration/webcenter/webcenter_ComponentInfo.xml">
<!ENTITY jive SYSTEM "../integration/jive/jive_ComponentInfo.xml">
<!ENTITY wiki SYSTEM "../integration/wiki/wiki_ComponentInfo.xml">
<!ENTITY iau SYSTEM "../integration/iau/iau_ComponentInfo.xml">
<!ENTITY discoverer SYSTEM "../integration/dc/discoverer_ComponentInfo.xml">
<!ENTITY sdpm SYSTEM "../integration/sdpm/sdpm_ComponentInfo.xml">
<!ENTITY portal SYSTEM "../integration/portal/portal_ComponentInfo.xml">
<!ENTITY contentserver SYSTEM "../integration/contentserver/contentserver_
ComponentInfo.xml">
<!ENTITY oif SYSTEM "../integration/oif/oif_ComponentInfo.xml">
<!ENTITY ess SYSTEM "../integration/ess/ess_ComponentInfo.xml">
<!ENTITY commspresence SYSTEM "../integration/commspresence/commspresence_
ComponentInfo.xml">
<!ENTITY commssds SYSTEM "../integration/commssds/commssds_ComponentInfo.xml">
<!ENTITY commssl SYSTEM "../integration/commssl/commssl_ComponentInfo.xml">
]>
<ComponentInfo VERSION="11.0.0.0" TYPE="AS_REPOSITORY" RESOURCE_BUNDLE_
PACKAGE="oracle.sysman.rcu.as.ASBundle">
    <Display NLS_ID="ASREP_ID">Oracle AS Repository Components</Display>
    <PrefixSettings USE_SCHEMA_PREFIX="TRUE" USE_TABLESPACE_PREFIX="TRUE">
        <DetectQuery>
            Select distinct mrc_name from schema_version_registry
        </DetectQuery>
    </PrefixSettings>

    <!-- AS Common GROUP START -->
<Component ID="AS_COMMON" IS_GROUPING_COMPONENT="TRUE">

```

```
<Display NLS_ID="AS_COMMON_ID">AS Common Schemas</Display>
</Component>
&mds;
&iau;
&ess;
<!-- AS Common GROUP END -->

<!-- OID GROUP START -->
<Component ID="IDM" IS_GROUPING_COMPONENT="TRUE">
    <ValidIf DBTYPE="ORACLE" />
    <Display NLS_ID="IDM_ID">Identity Management</Display>
</Component>
&oid;
&oif;

<!-- OID GROUP END -->

<!-- OWLCS START -->
<Component ID="OWLCS" IS_GROUPING_COMPONENT="TRUE">
    <Display NLS_ID="OWLCS_ID">WebLogic Communication Services</Display>
</Component>
&commspresence;
&commssds;
&commsls;
<!-- OWLCS END -->

<!-- SOA INFRA GROUP START -->
<Component ID="SOA" IS_GROUPING_COMPONENT="TRUE">
    <Display NLS_ID="SOA_ID">SOA Infrastructure</Display>
</Component>
&soainfra;
&bam;
&sdpdm;
<!-- SOA INFRA GROUP END -->

<!-- WEBCENTER_SUITE START -->
<Component ID="WEBCENTER_SUITE" IS_GROUPING_COMPONENT="TRUE">
    <Display NLS_ID="WEBCENTER_SUITE_ID">Webcenter Suite</Display>
</Component>
&webcenter;
&portlet;
&contentserver;
&jive;
&wiki;
<!-- WEBCENTER_SUITE END -->

<!-- PORTAL_BI START -->
<Component ID="PORTAL_BI" IS_GROUPING_COMPONENT="TRUE">
    <ValidIf DBTYPE="ORACLE" />
    <Display NLS_ID="PORTAL_BI_ID">Portal and BI</Display>
</Component>

&portal;
&discoverer;
<!-- PORTAL_BI END -->
```

```

<PrerequisiteDescriptor>
    <DBPrerequisiteSet OPERATOR="OR">
        <ValidIf DBTYPE="ORACLE" />
        <DBPrerequisite PREREQ_TYPE="InitParameter" DATA_TYPE="NUMBER" COMPARE_
OPERATOR="GE">
            <PrereqIdentifier>SHARED_POOL_SIZE</PrereqIdentifier>
            <PrereqValue UNIT="KB">147456</PrereqValue>
        </DBPrerequisite>
        <DBPrerequisite PREREQ_TYPE="InitParameter" DATA_TYPE="NUMBER" COMPARE_
OPERATOR="GE">
            <PrereqIdentifier>SGA_MAX_SIZE</PrereqIdentifier>
            <PrereqValue UNIT="KB">147456</PrereqValue>
        </DBPrerequisite>
    </DBPrerequisiteSet>

    <DBPrerequisite PREREQ_TYPE="CustomSQL" DATA_TYPE="STRING" COMPARE_
OPERATOR="EQ" SOFT="TRUE">
        <PrereqIdentifier>select value from nls_database_parameters
where parameter = 'NLS_CHARACTERSET'</PrereqIdentifier>
        <PrereqValue>AL32UTF8</PrereqValue>
        <PrereqErrorMsg>
            The database you are connecting is with
            non-AL32UTF8 character set. Oracle strongly recommends using AL32UTF8 as the
            database character set.
        </PrereqErrorMsg>
    </DBPrerequisite>

    <DBPrerequisite PREREQ_TYPE="InitParameter" DATA_TYPE="NUMBER" COMPARE_
OPERATOR="GE">
        <ValidIf DBTYPE="ORACLE" />
        <PrereqIdentifier>DB_BLOCK_SIZE</PrereqIdentifier>
        <PrereqValue UNIT="KB">8</PrereqValue>
    </DBPrerequisite>

    <!--DBPrerequisite PREREQ_TYPE="CustomSQL" DATA_TYPE="STRING" COMPARE_
OPERATOR="NE">
        <ValidIf DBTYPE="ORACLE" >
            <CustomQueryFilter DATA_TYPE="NUMBER" COMPARE_OPERATOR="EQ" VALUE="0">
                select 1 from dual where exists (select column_name from dba_tab_
                columns where table_name(+) like 'V_$INSTANCE' and column_name(+) = 'EDITION')
                union select 0 from dual where not exists (select column_name from dba_tab_columns
                where table_name(+) like 'V_$INSTANCE' and column_name(+) = 'EDITION')
            </CustomQueryFilter>
        </ValidIf>
        <PrereqIdentifier>version</PrereqIdentifier>
        <PrereqValue>11.1.0.6.0</PrereqValue>
        <PrereqErrorMsg>
            The database you are connecting is 11.1.0.6.0
            version. 11.1.0.6.0 is not a supported version. The database version should be
            11.1.0.7.0 or greater.
        </PrereqErrorMsg>
    </DBPrerequisite-->
    <DBPrerequisite PREREQ_TYPE="DBVersion" DATA_TYPE="STRING" COMPARE_
OPERATOR="GE">
        <ValidIf DBTYPE="ORACLE" >
            <CustomQueryFilter DATA_TYPE="NUMBER" COMPARE_OPERATOR="EQ" VALUE="0">
                select 1 from dual where exists (select column_name from dba_tab_
                columns where table_name(+) like 'V_$INSTANCE' and column_name(+) = 'EDITION')
                union select 0 from dual where not exists (select column_name from dba_tab_columns

```

```

        where table_name(+) like 'V_$INSTANCE' and column_name(+) = 'EDITION'
            </CustomQueryFilter>
        </ValidIf>
        <PrereqIdentifier>version</PrereqIdentifier>
        <PrereqValue>10.2.0.4.0</PrereqValue>
        <PrereqErrorMsg>
            The database you are connecting is not a supported
            version. The database version should be either 10.2.0.4.0 or 11.1.0.7.0 or
            greater.
        </PrereqErrorMsg>
    </DBPrerequisite>
<DBPrerequisite PREREQ_TYPE="CustomSQL" DATA_TYPE="STRING" COMPARE_OPERATOR="EQ">
    <ValidIf DBTYPE="ORACLE" />
        <PrereqIdentifier>select GRANTED_ROLE from DBA_ROLE_PRIVS
where((GRANTED_ROLE='DBA' and GRANTEE=(select user from dual) and lower(SYS_
CONTEXT ('USERENV', 'SESSION_USER'))='sys') OR(GRANTED_ROLE='DBA' and
GRANTEE=(select user from dual)))</PrereqIdentifier>
        <PrereqValue>DBA</PrereqValue>
        <PrereqErrorMsg>
            User should have sysdba or dba privilages.
        </PrereqErrorMsg>
    </DBPrerequisite>
    CU_HOME/rcu/config (on UNIX)

<ExecutionDescriptor TYPE="PreLoad">
    <Action TYPE="Java" PERCENT_PROGRESS="60">
        <ValidIf DBTYPE="ORACLE">
            <CustomQueryFilter DATA_TYPE="NUMBER" COMPARE_OPERATOR="EQ"
VALUE="1">
                select count(*) from dba_views where VIEW_NAME = 'APP_REGISTRY'
and not exists (select view_name from dba_views where VIEW_NAME= 'SCHEMA_VERSION_
REGISTRY')
            </CustomQueryFilter>
        </ValidIf>
        <Command
TYPE="METHOD">oracle.ias.version.SchemaVersionUtil:utilCreateRegistryAndCopyData</
Command>
        <Parameters>
            <Parameter TYPE="Connection"></Parameter>
        </Parameters>
    </Action>
    <Action TYPE="Java" PERCENT_PROGRESS="60">
        <ValidIf DBTYPE="ORACLE">
            <CustomQueryFilter DATA_TYPE="NUMBER" COMPARE_OPERATOR="EQ"
VALUE="0">
                select count(*) from dba_views where VIEW_NAME= 'SCHEMA_VERSION_
REGISTRY'
            </CustomQueryFilter>
        </ValidIf>
        <Command
TYPE="METHOD">oracle.ias.version.SchemaVersionUtil:utilCreateRegistryTable</Comman
d>
        <Parameters>
            <Parameter TYPE="Connection"></Parameter>
        </Parameters>
    </Action>
    <Action TYPE="Java" PERCENT_PROGRESS="60">
<ValidIf DBTYPE="SQLSERVER">
            <CustomQueryFilter DATA_TYPE="NUMBER" COMPARE_OPERATOR="EQ" VALUE="0">
                select count(*) from INFORMATION_SCHEMA.TABLES where TABLE_

```

```

        NAME='SCHEMA_VERSION_REGISTRY'
            </CustomQueryFilter>
        </ValidIf>
        <Command
TYPE="METHOD">oracle.ias.version.SchemaVersionUtil:utilCreateRegistryTable</Command
d>
        <Parameters>
            <Parameter TYPE="Connection"></Parameter>
        </Parameters>
    </Action>
    </ExecutionDescriptor>
<FatalErrors>
    <Error Type="ORA-17439">Invalid SQL type</Error>
    <Error Type="ORA-01435">user does not exist</Error>
    <Error Type="ORA-01435">user does not exist</Error>
    <Error Type="ORA-00955">name is already used by an existing object</Error>
    <Error Type="ORA-01031">name is already used by an existing
object</Error>
</FatalErrors>

<IgnorableErrors>
    <Error Type="ORA-02289">sequence does not exist</Error>
    <Error Type="ORA-00904">invalid identifier</Error>
    <Error Type="ORA-01920">user name conflicts with another user or role
name</Error>
    <Error Type="ORA-01418">specified index does not exist</Error>
    <Error Type="ORA-00942">table or view does not exist</Error>
    <Error Type="ORA-06512">Not found</Error>
    <Error Type="ORA-01403">no data found</Error>
        <Error Type="ORA-04043">does not exist</Error>
        <Error Type="ORA-04080">Trigger does not exist</Error>
        <Error Type="ORA-00959">Tablespace does not exist</Error>
        <Error Type="ORA-24035">AQ agent not subscriber</Error>
        <Error Type="ORA-24185">Transformation not found</Error>
        <Error Type="ORA-24042">Does not exist</Error>
        <Error Type="ORA-24088">Does not exist</Error>
    </IgnorableErrors>
</ComponentInfo>

```

<pre> ComponentInfo.xml <DBPrerequisite> SOFT </pre>	<pre> <DBPrerequisiteSet> TRUE </pre>
<pre> <DBPrerequisiteSet> <DBPrerequisite> <DBPrerequisiteSet> ... <DBPrerequisite PREREQ_TYPE="CustomSQL" DATA_TYPE="STRING" COMPARE_ OPERATOR="EQ" SOFT="TRUE"> <PrereqIdentifier>select value from nls_database_parameters where parameter = 'NLS_CHARACTERSET'</PrereqIdentifier> <PrereqValue>AL32UTF8</PrereqValue> <PrereqErrorMsg> The database you are connecting is with non-AL32UTF8 character set. </pre>	

```
    Oracle strongly recommends using AL32UTF8 as the database character
    set.
  </PrereqErrorMsg>
</DBPrerequisite>
...
<DBPrerequisiteSet>
```

```
Storage.xml  
 /rcu/config                                \rcu\config  
  
 /rcu/integration      / _Storage.xml  
                      \rcu\integration      \  
Storage.xml  
  
soainfra_Storage.xml  
  
<?xml version="1.0" encoding="UTF-8"?>  
<!-- SOAINFRA -->  
<TablespaceAttributes NAME="SOAINFRA" >  
  <DatafilesList>  
    <DatafileAttributes ID="%DATAFILE_LOCATION%/soainfra.dbf">  
      <Size UNIT="MB">200</Size>  
      <Reuse>True</Reuse>  
      <AutoExtend>True</AutoExtend>  
      <Increment UNIT="MB">50</Increment>  
      <Maxsize UNIT="GB">2</Maxsize>  
    </DatafileAttributes>  
  </DatafilesList>  
</TablespaceAttributes>  
  
<!-- End Of SOAINFRA -->
```

Do not use CONNECT; instead, use “ALTER SESSION SET CURRENT_SCHEMA = <SCHEMA_OWNER>” after creating the schema user.

The set of ignorable and fatal ORA errors (if any) should be listed in the RCU XML component configuration file.

Avoid any “shutdown” or “startup” that would bounce the database instance.

`SCHEMA_VERSION_REGISTRY` should be updated before and after loading schema. This can be done using `JavaAction` as shown in Section 3.1.5, "Java Code

Using JavaAction" or with in the component scripts using SCHEMA_VERSION PL/SQL package.

Block comments that contain line comments /* -- comment */ are not supported.

Below are some guidelines for writing RCU JDBC Engine SQL*Plus scripts:

All statements must be terminated with appropriate terminating chars. CREATE PACKAGE, TYPE needs to be terminated with ";" with "/" on the next line. All other statements (Create TABLE, VIEW, etc.) need to be terminated by ";" or "/" (only one of them, not both).

EXECUTE calls should be replaced with "BEGIN/END blocks".

DEFINE statements should be in one line, no comments in the same line and no ";" at the end.

SET, SHOW, SPOOL, WHENEVER, BREAK, EXIT statements are simply ignored.

HOST command is not supported yet.

VARIABLE and COL(UMN) are not supported.

Dynamically calling another SQL Script within a PL/SQL block using the following technique is not supported:

The workaround is to have a separate Action with "ValidIf" tag to specify the condition.

Below are some guidelines for writing Pure JDBC scripts for RCU:

Should not contain any SQL*Plus directives (like SET, WHENEVER, etc.).

All DEFINES should be changed to PL/SQL variable declarations.

All SQL statements should be wrapped in EXECUTE IMMEDIATE.

PL/SQL style comments are allowed, But SQL*Plus style (REM) comments are not allowed.

DROP statements preceding CREATE statements do not work. DROP should only be done after checking for the existence of the object. Ideally, all DROP statements should put into different PL/SQL script and RCU can call this script before calling a CREATE script, if that is desired.

Contents of the script file should be a valid PL/SQL block, which can be called within

Below are some guidelines for writing SQL*Plus scripts for RCU:

Should not have any “exit” statements or “WHENEVER ERROR EXIT” directives. This would cause RCU SQL*Plus session to exit unexpectedly and may impact other component scripts to be executed later.

Scripts should not have any spool commands. RCU would generate a spool log for each component.

Below are some guidelines for writing SQL Server-based scripts for RCU:

Support is a subset of what is supported in t-sql scripts that can be executed by

“ValidIf” tags should be added around all database-specific Actions and Prerequisites. For example:

RCU supports recursive variable definitions such as:

There should be a “go” statement to end blocks of statements. All statements preceding the “go” statement will be executed as a single statement over JDBC.

The JDBC connection is created in the auto-commit “on” mode.

Currently, begin transaction and commit transaction statements are not supported.

Variables passed to scripts via the XML file will be passed as follows:

```
Script.sql -v v1=value1 v2=value2
```

This is only for scripts called using the XML files. If a script calls another script, you can use any other variable name.

A

Repository Creation Utility Screens



This is the first screen that appears when RCU is started.

Click Skip This Page Next Time



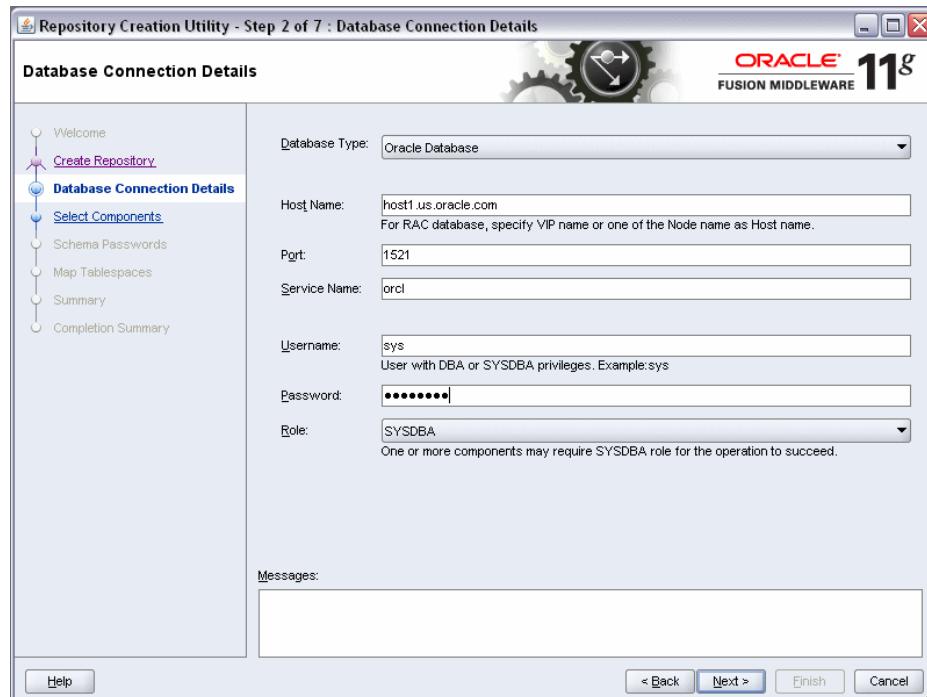
Create

Drop



Create

Drop



parameter in the database's initialization parameter file. If the initialization parameter file does not contain the parameter, then the service name is the same as the global database name, which is specified in the and parameters.

For Oracle RAC databases, specify the service name of one of the nodes in this field. For example:

Username

Enter the user name for your database. The default user name is SYS

SYS

Oracle SOA Infrastructure schemas are created with Unicode support (database tables created with NVARCHAR) only, regardless of the option selected in this field.

Enter the host name, IP address, or complete server name in host\server format of the server where your database is running.

Port

Enter the port number for your database.

Database Name

Specify the name of your database.

Username

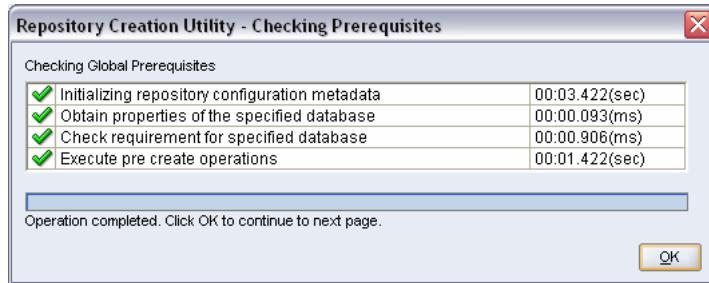
Enter the user name for your database. The user must have SYSDBA or DBA privileges.

Password

Enter the password for your database user.

Click  when you are finished entering the connection credentials for your database.

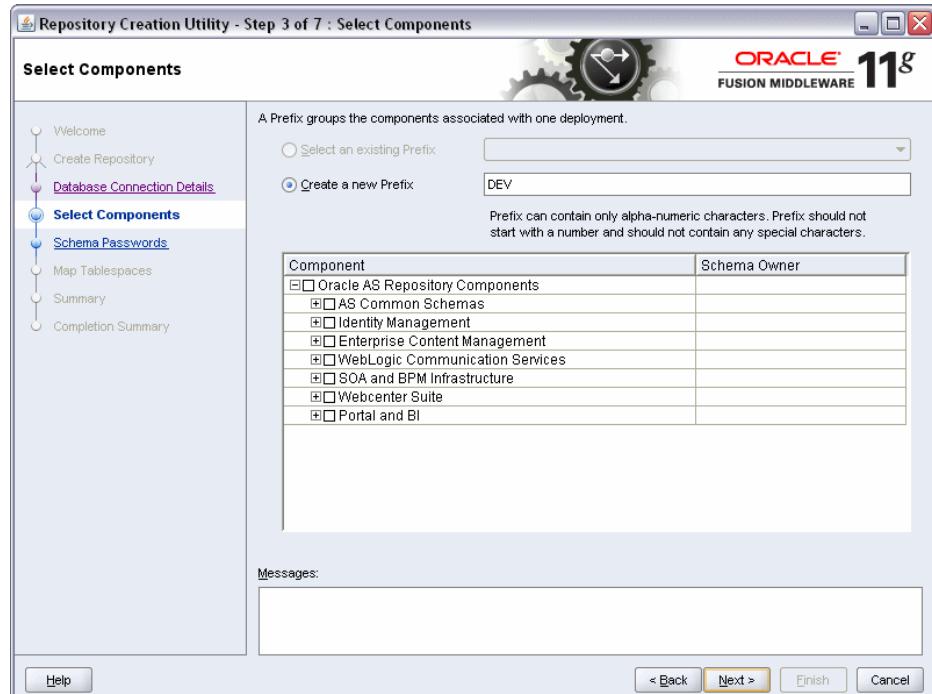
The following screen appears, indicating the progress of the installer establishing the connection with the specified database.



If an error occurs while the connection is being established, the error message(s) appear in the Messages field on the Database Connection Details screen.

Click  to dismiss this screen.

Below is the Select Components screen if you selected **Create Repository** on the Create Repository Screen.



The following topics are covered in this section:

- Section A.5.1, "Create Prefixes"
- Section A.5.2, "Select Components and Dependencies"
- Section A.5.3, "Specify Custom Schema Names"
- Section A.5.4, "Check Schema Prerequisites"

You must remember the prefix and schema names for the components you are installing; you will need this information during the configuration phase of Fusion Middleware product installation. Oracle recommends that you write these values down.

Prefixes are used to create logical groupings of schemas in a database. For example, if you want to create two versions of the **Oracle Internet Directory** schema in the database, you can use different prefixes to uniquely identify each one (for example, **DEV_OCID** and **PROD_OCID**).

The Oracle Internet Directory (OCID) component cannot be prepended with a custom prefix; there can only be one repository for this component per database.

If you want to create a new prefix for your schemas, select **Create a New Prefix**

character in length and cannot exceed 12 alphanumeric characters (0-9, a-z, or A-Z) in length. Prefixes should not start with a number. No whitespace or special characters are allowed.

The default new prefix is _____. If _____ already exists as a prefix, then _____ is used; if _____ exists, then _____ is the default, and so on.

Use existing prefixes to add additional components to an existing repository in the database. To use an existing prefix, select **Select an Existing Prefix**

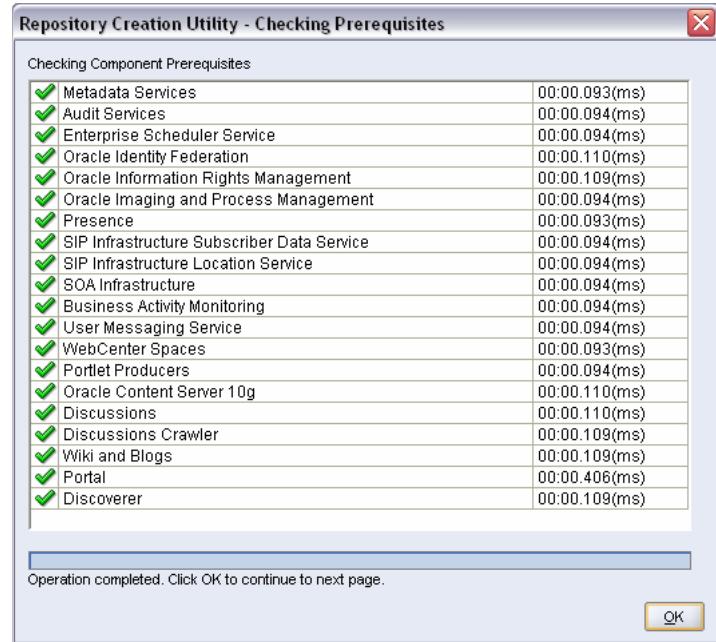
SOA Infrastructure
Metadata Services
SOA

Metadata Services
Infrastructure

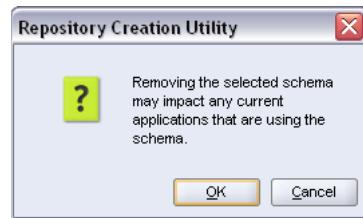
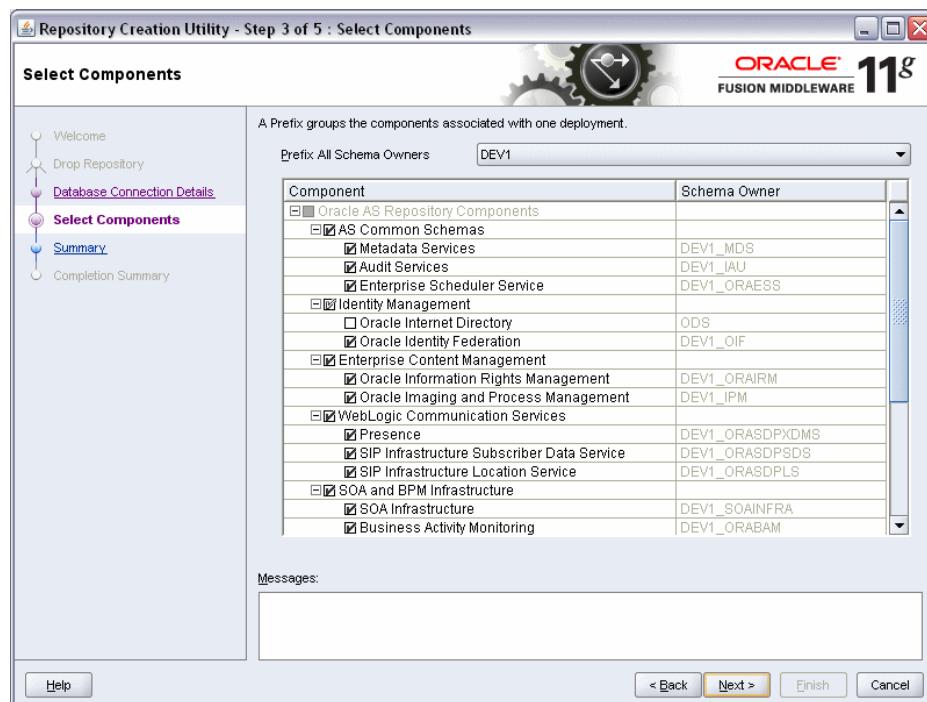
If a component has a plus sign (+) next to its name, then there are sub components available. Click on the plus sign (+) to expand the category to view all sub components. If you want to select a component with all its subcomponents, click on the top-most box with the plus sign (+).

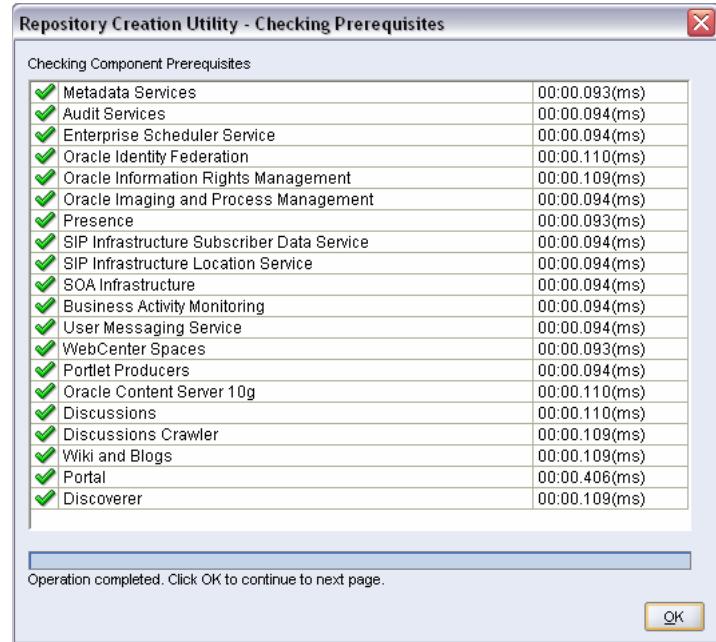
A.5.3 Specify Custom Schema Names

A.5.4 Check Schema Prerequisites

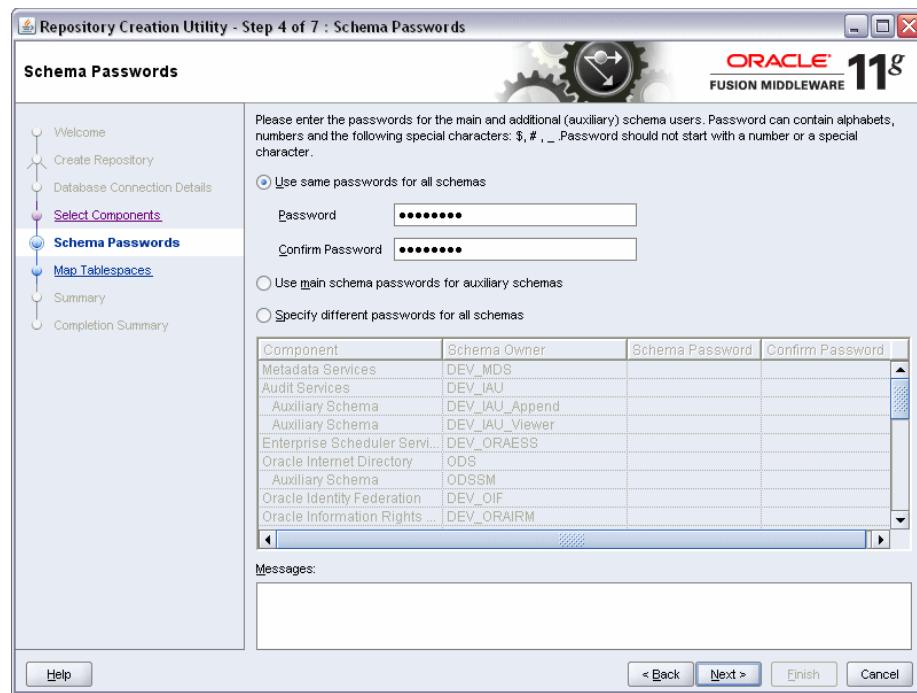


A.6 Select Components Screen (for Drop Operation)





A.7 Schema Passwords Screen

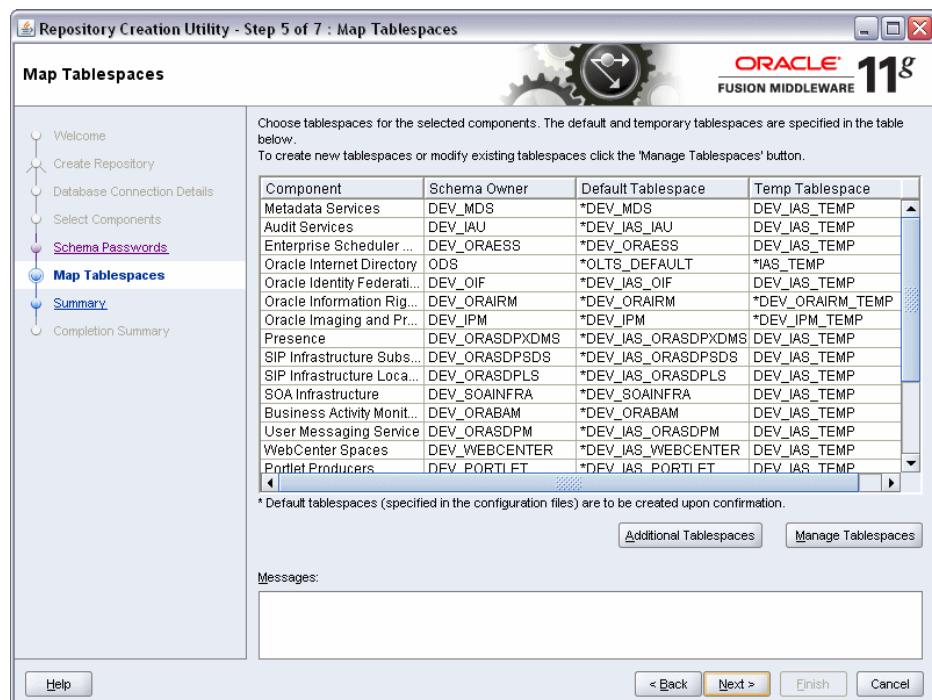


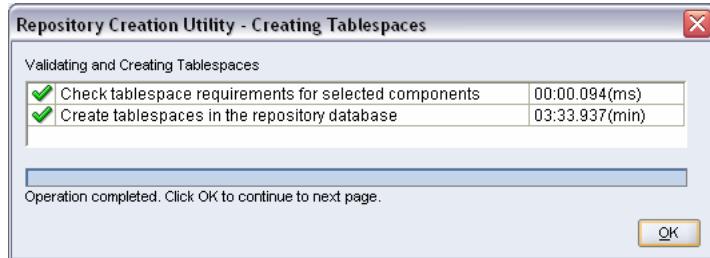
Use same password for all schemas

Use main schema passwords for auxiliary schemas

Specify different passwords for all schemas

A.8 Map Tablespaces Screen





A.8.1 Default Tablespace Mappings

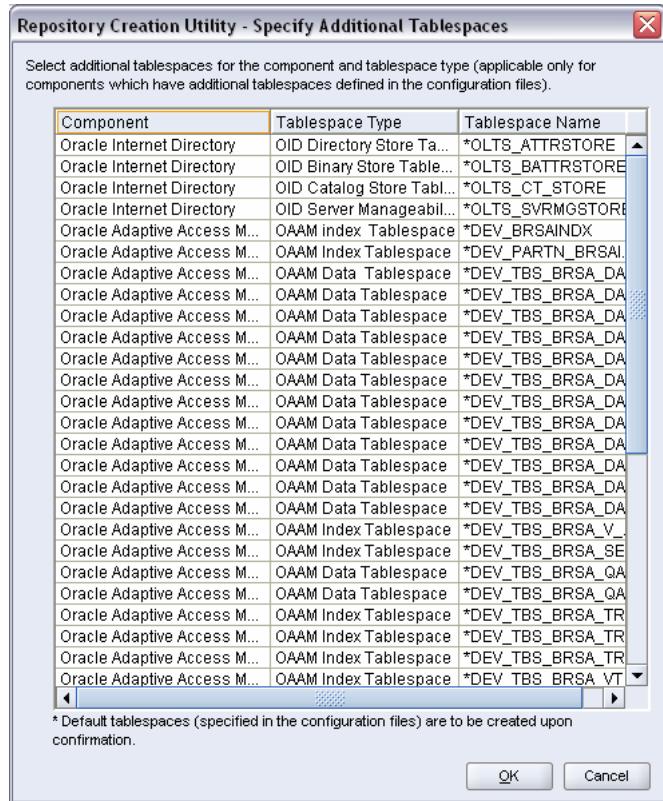
Table A-1 Default Tablespace Mapping

Component	Schema Owner	Default tablespace	Temp Tablespace
WebCenter Suite Schemas			
Portal and Business Intelligence Schemas			

Note:

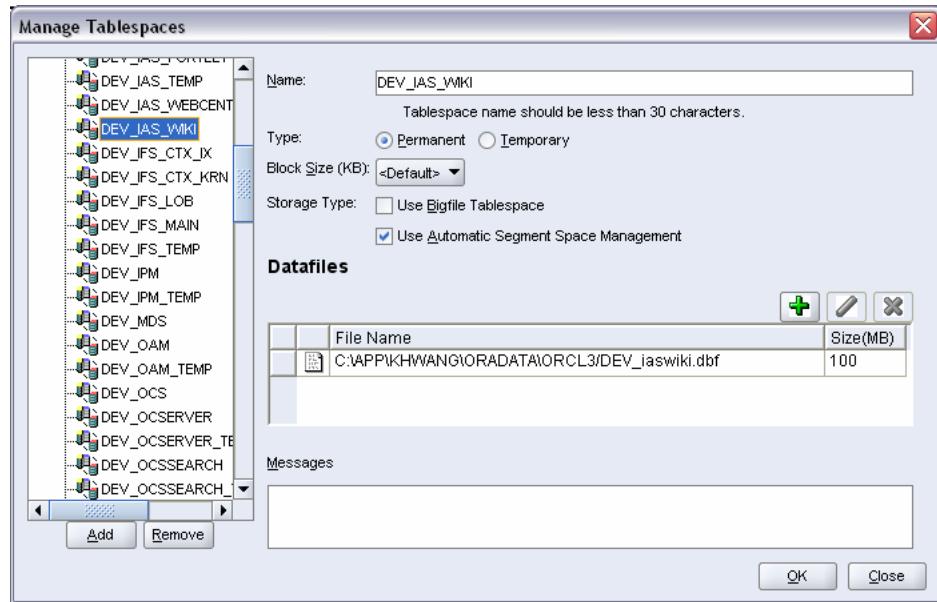
Additional Tablespaces

Additional Tablespaces



OK

Manage Tablespaces



A.8.4.1 Adding, Modifying, and Removing Tablespaces

Use Bigfile Tablespace

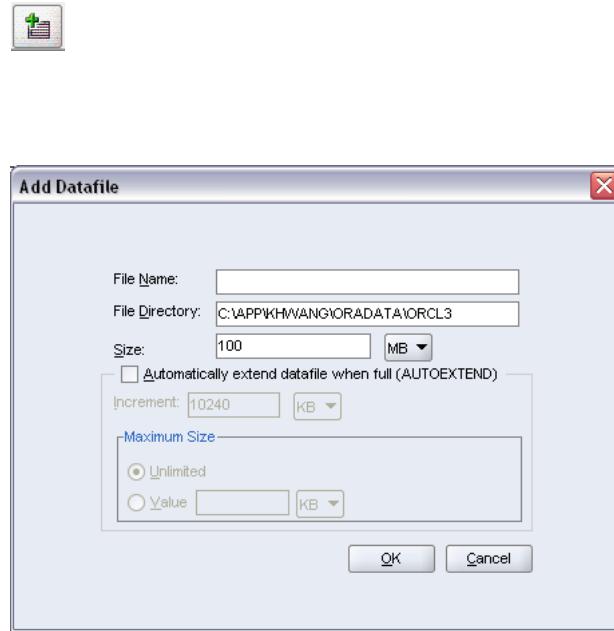
Use Automatic Segment Space Management

Add

Remove

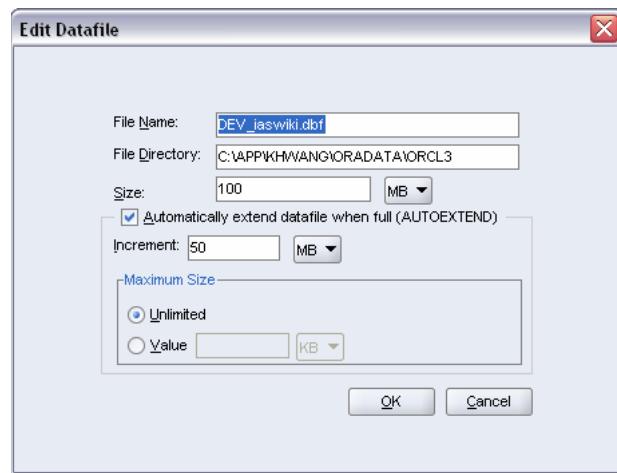
A.8.4.2 Adding, Modifying, and Removing Datafiles

A.8.4.2.1 Adding a Datafile



Automatically extend datafile when full (AUTOEXTEND)

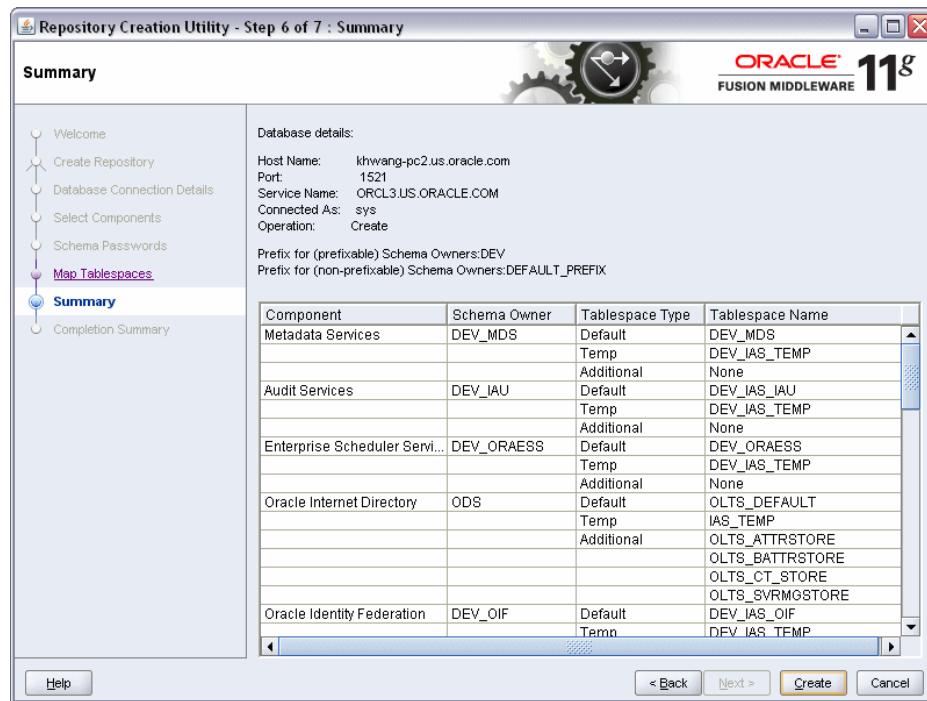
A.8.4.2.2 Modifying a Datafile

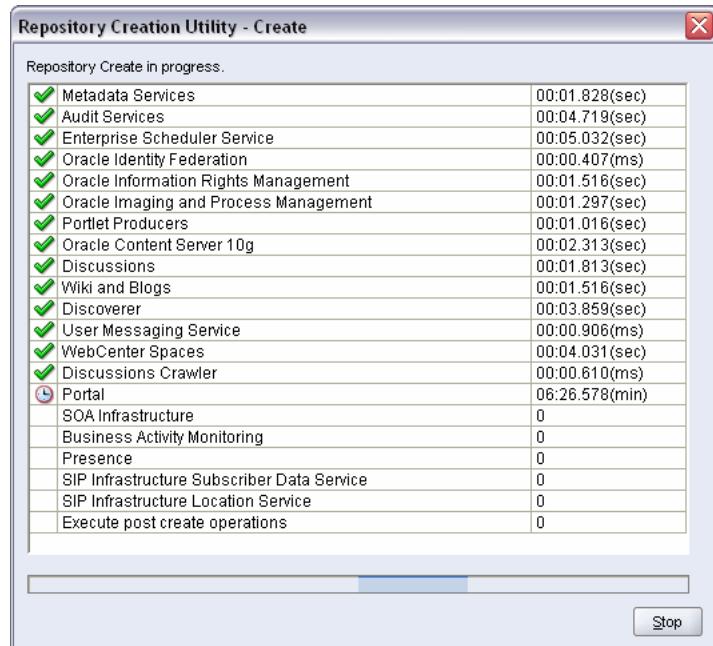


A.8.4.2.3 Deleting a Datafile

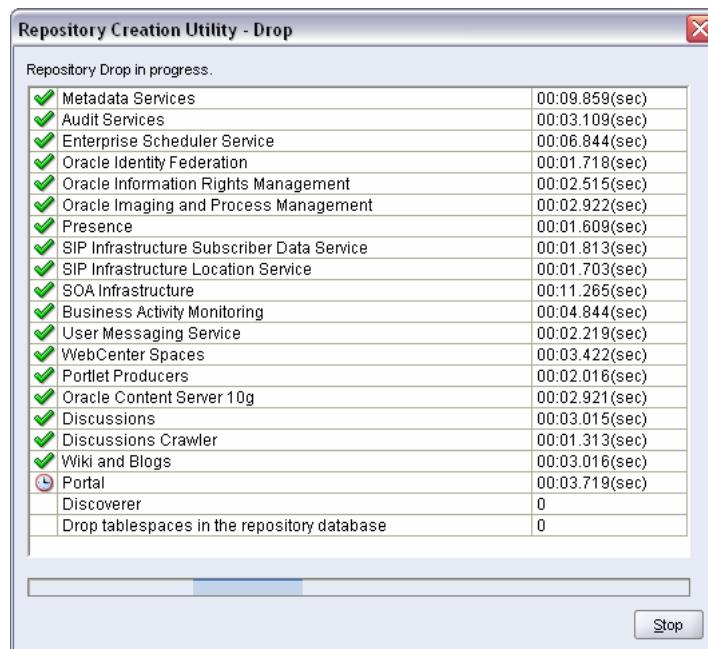
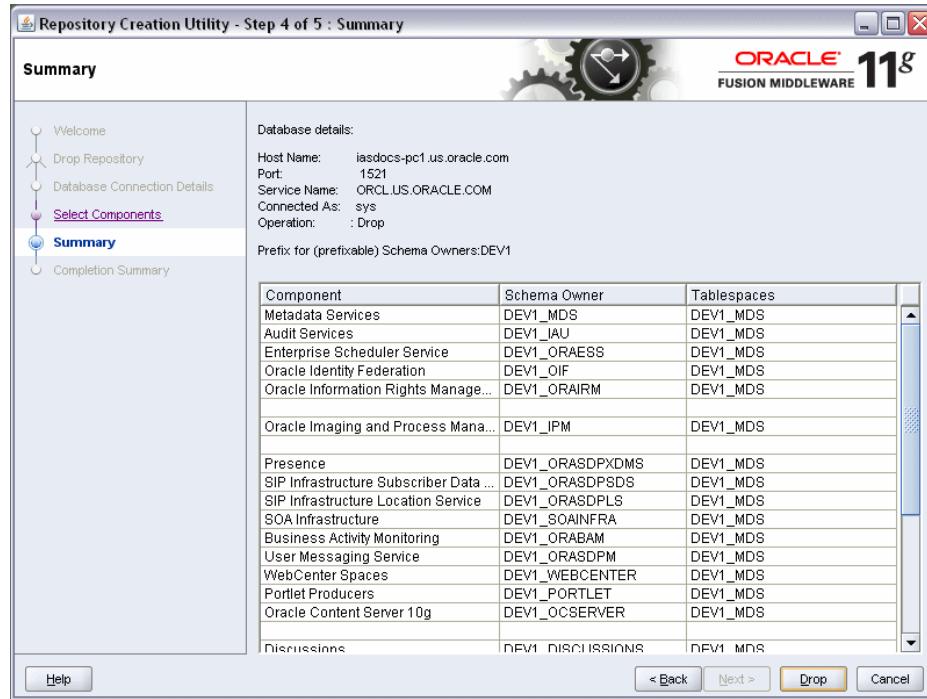


A.9 Summary Screen (for Create Operation)

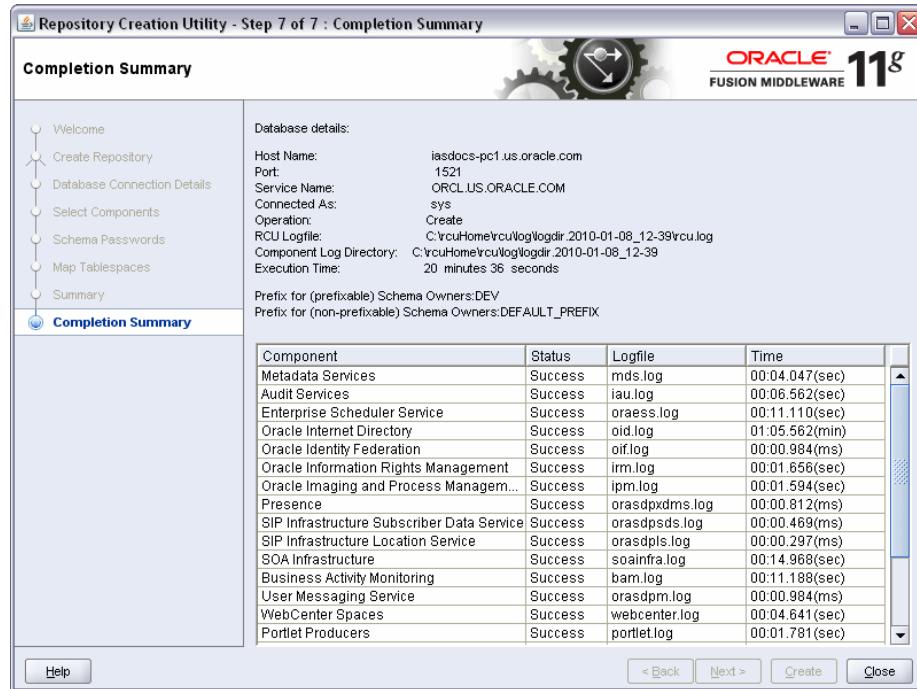




A.10 Summary Screen (for Drop Operation)



A.11 Completion Summary Screen (for Create Operation)



RCU_HOME

date_timestamp

RCU_HOME\rcu\log\logdir.date_timestamp



RCU_HOME/rcu/log/logdir.date_timestamp

RCU_HOME\rcu\log\logdir.date_timestamp

B

Troubleshooting Repository Creation Utility

Oracle Fusion Middleware Release Notes

- 1.
- 2.
- 3.

<i>timestamp</i>	<i>date_</i>
<i>HOME</i>	<i>RCU_</i>
	<i>date_timestamp</i>
<i>RCU_HOME</i>	
<i>timestamp</i>	<i>RCU_HOME</i>
<i>timestamp</i>	<i>RCU_HOME</i>
	<i>date_</i>
<i>timestamp</i>	<i>date_</i>

Table B-1 RCU Component Log File Names

Log File Name

B.3 Need More Help?

MetaLink

<http://metalink.oracle.com/>

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