

# 创建 DB 类型的 MDS REPOSITORY

BY SHOUG. 徐翔轩

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SHANGHAI ORACLE USERS GROUP

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SHOUG的全称是ShangHai Oracle Users Group, 中文为上海Oracle用户组。SHOUG的成员仅仅局限于上海地区吗? 上海是国际化大都市, 我们将以上海为中心, 提升华东地区的Oracle技术氛围, 举办一系列的Oracle技术分享活动。实际上我们欢迎 ...

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## 概述

OFM 同行肯定都对 MDS Repository ( Metadata Services Repository ) 不陌生 ( 可参考 : <http://biemond.blogspot.com/2009/07/mds-repository-for-adf-11g.html> ) , 一般情况下 , MDS Repository 分为两种 :

- Based on File System
- Based on Database

第一种比较简单 , 直接在 EM 中稍加配置即可 , 而对于第二种要相对复杂一些 , 本文主要介绍了如何配置基于 DB 的 MDS Repository。

基于 DB 的 MDS Repository 的创建大致分为两个步骤 :

- 1、使用 RCU 创建 MDS Repository
- 2、在 EM 中注册 MDS Repository

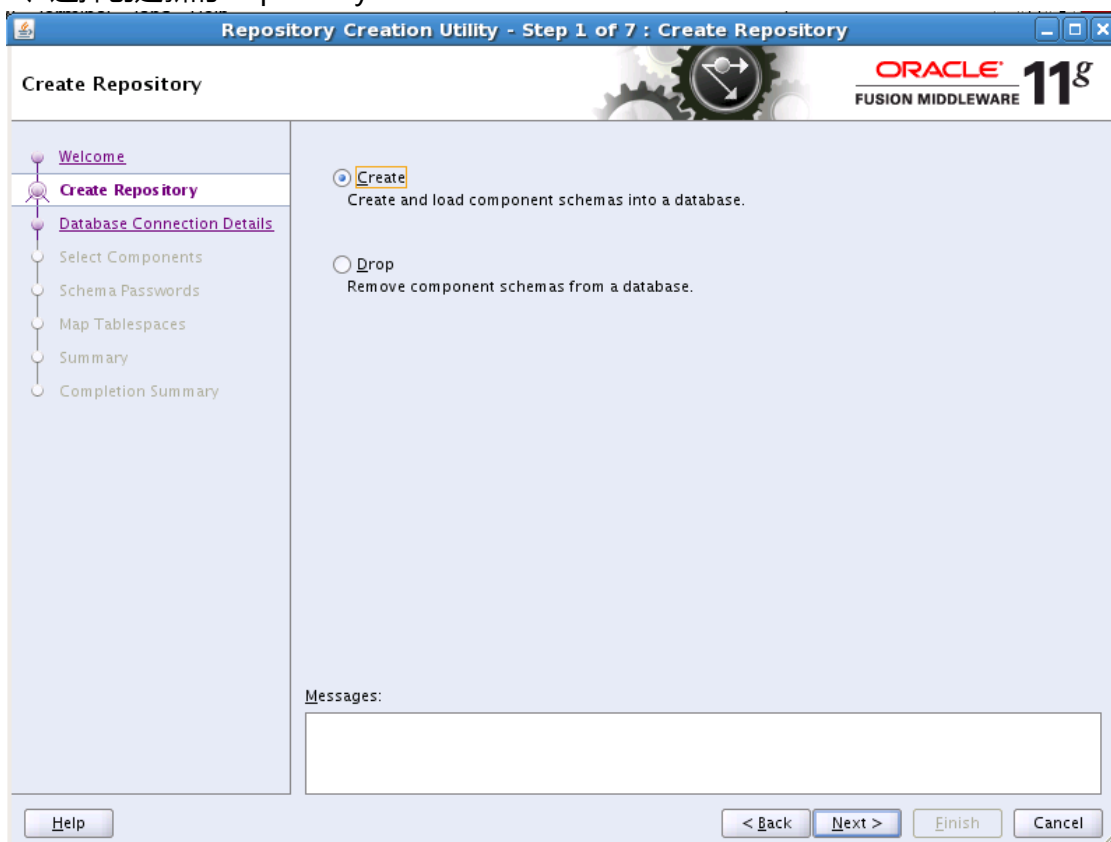
## 实现

步骤一 : 使用 RCU 创建 MDS

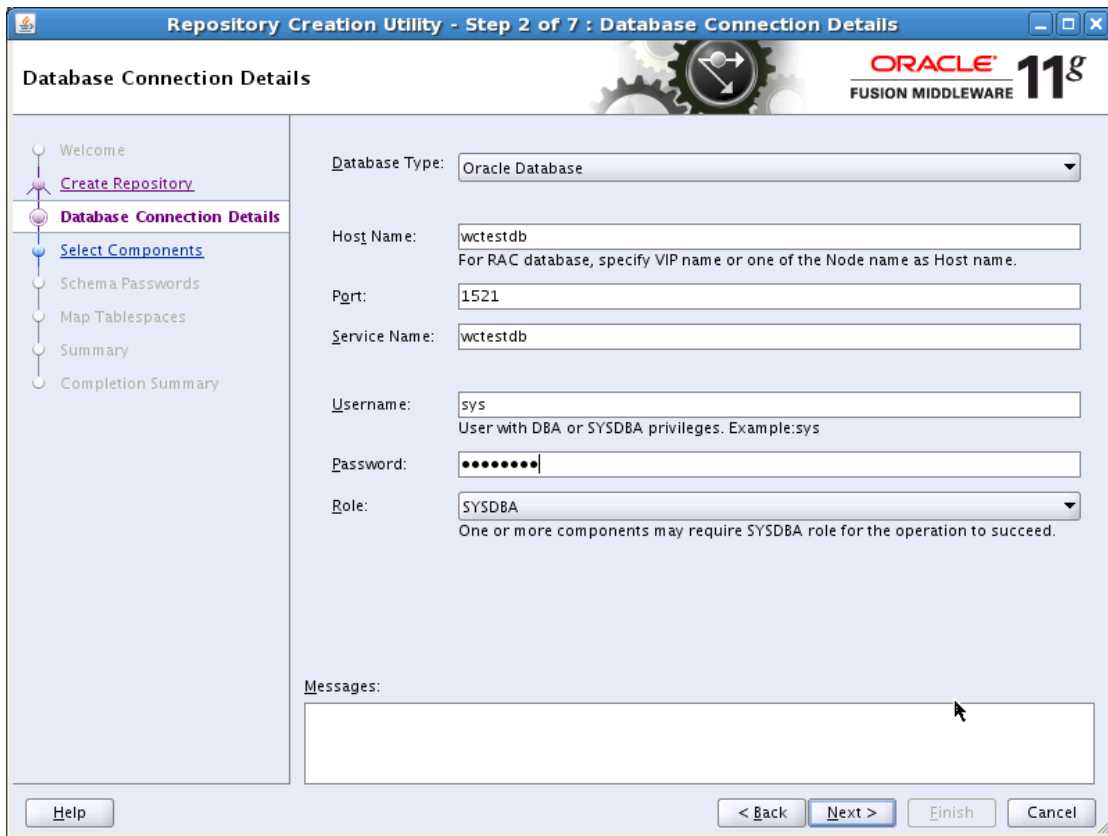
- 1、运行 RCU 配置向导



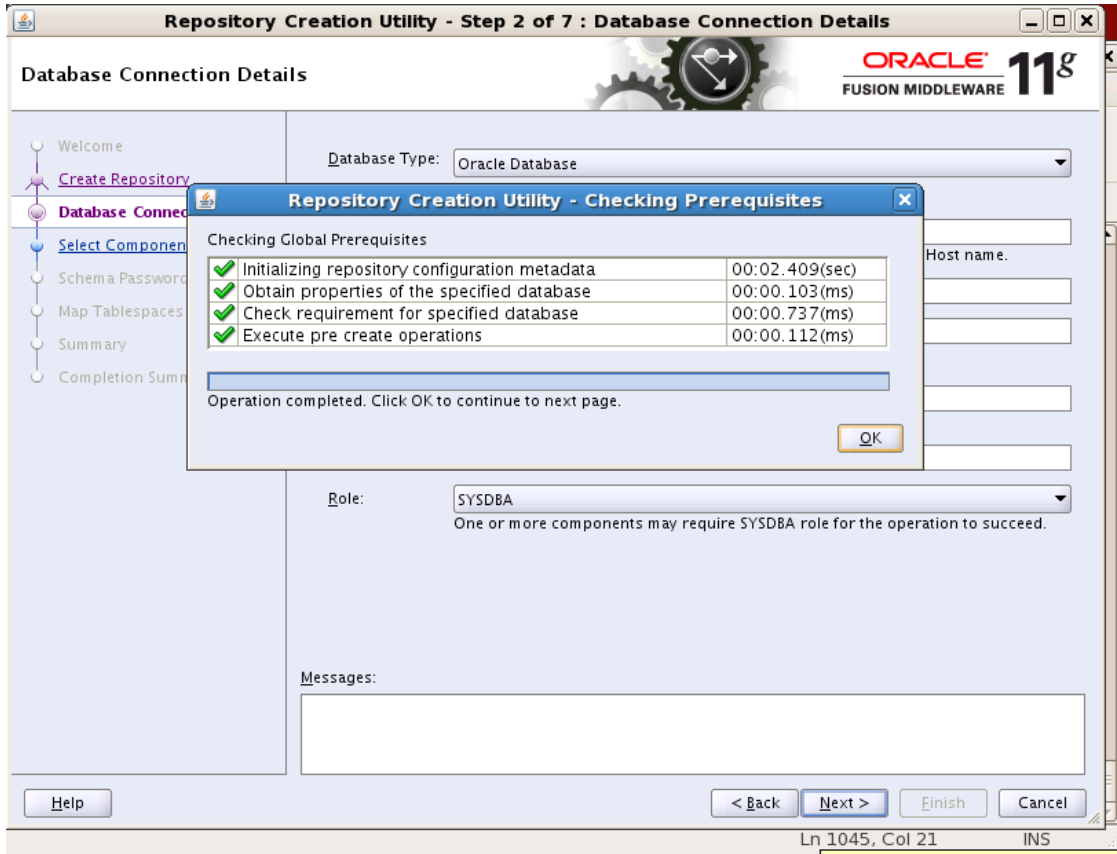
## 2、选择创建新的 Repository



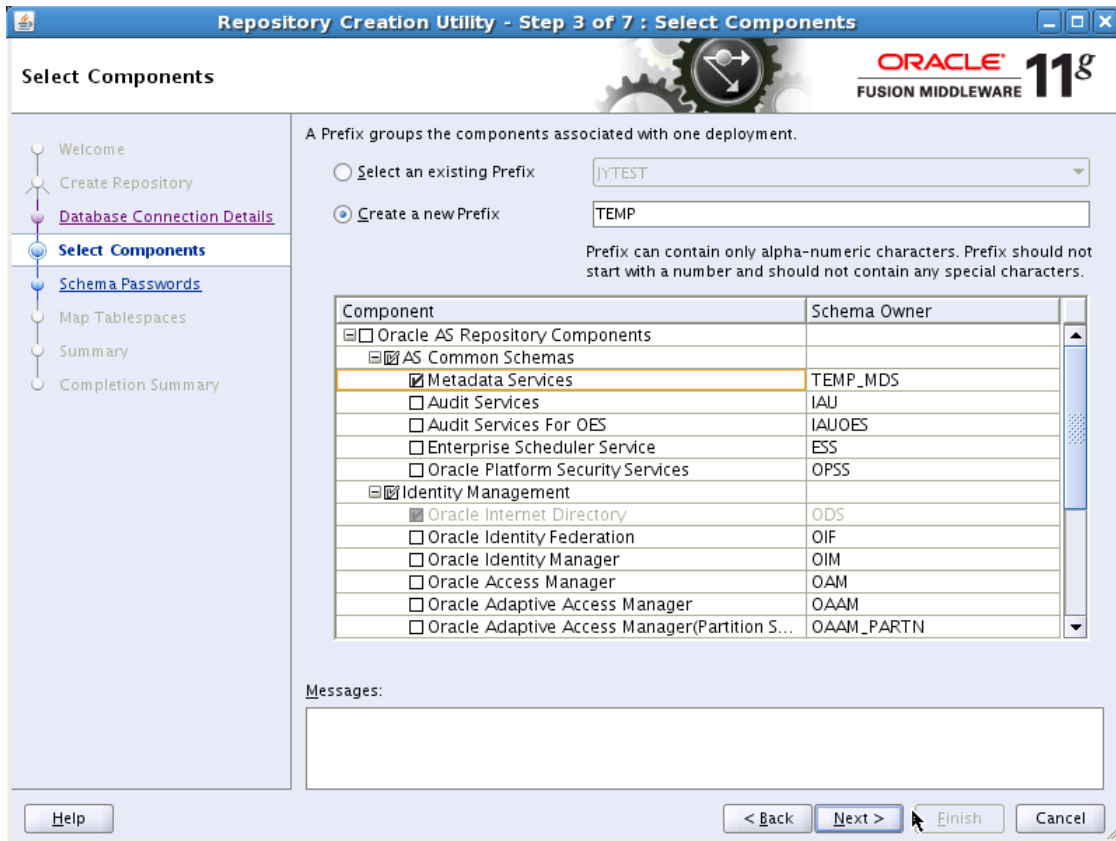
### 3、配置数据库连接信息



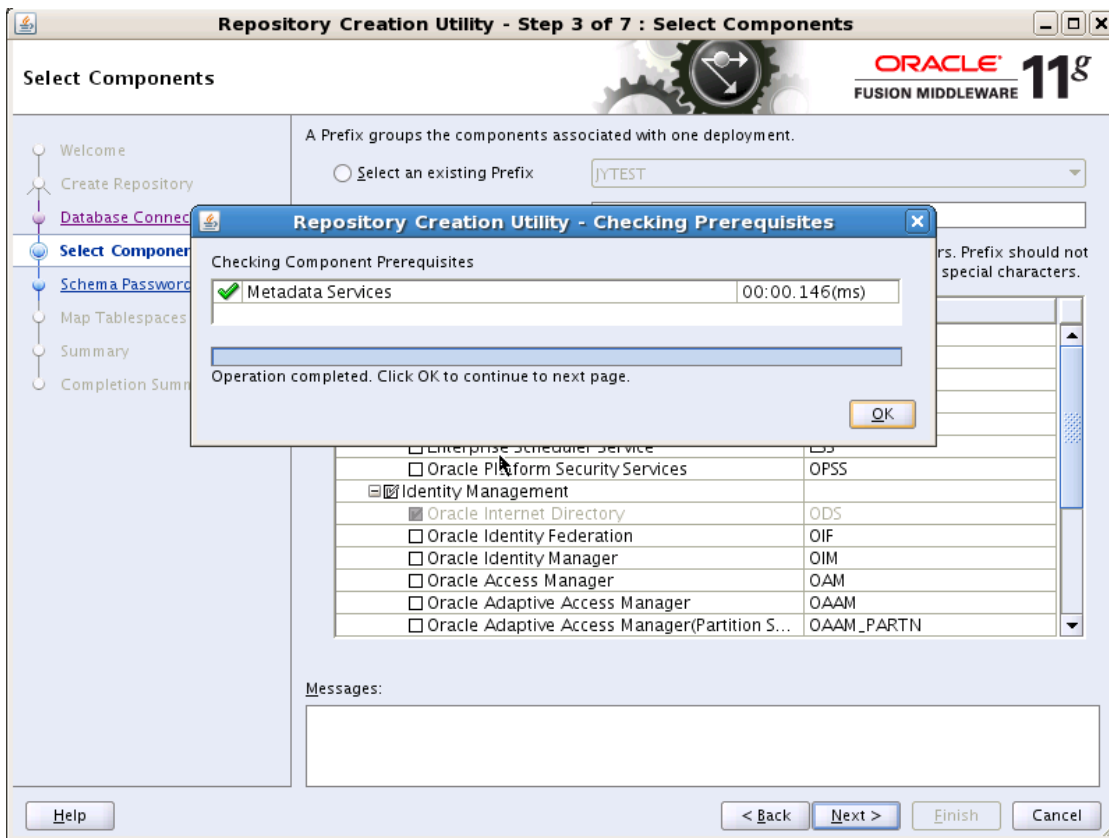
### 4、进行必要的系统参数检查



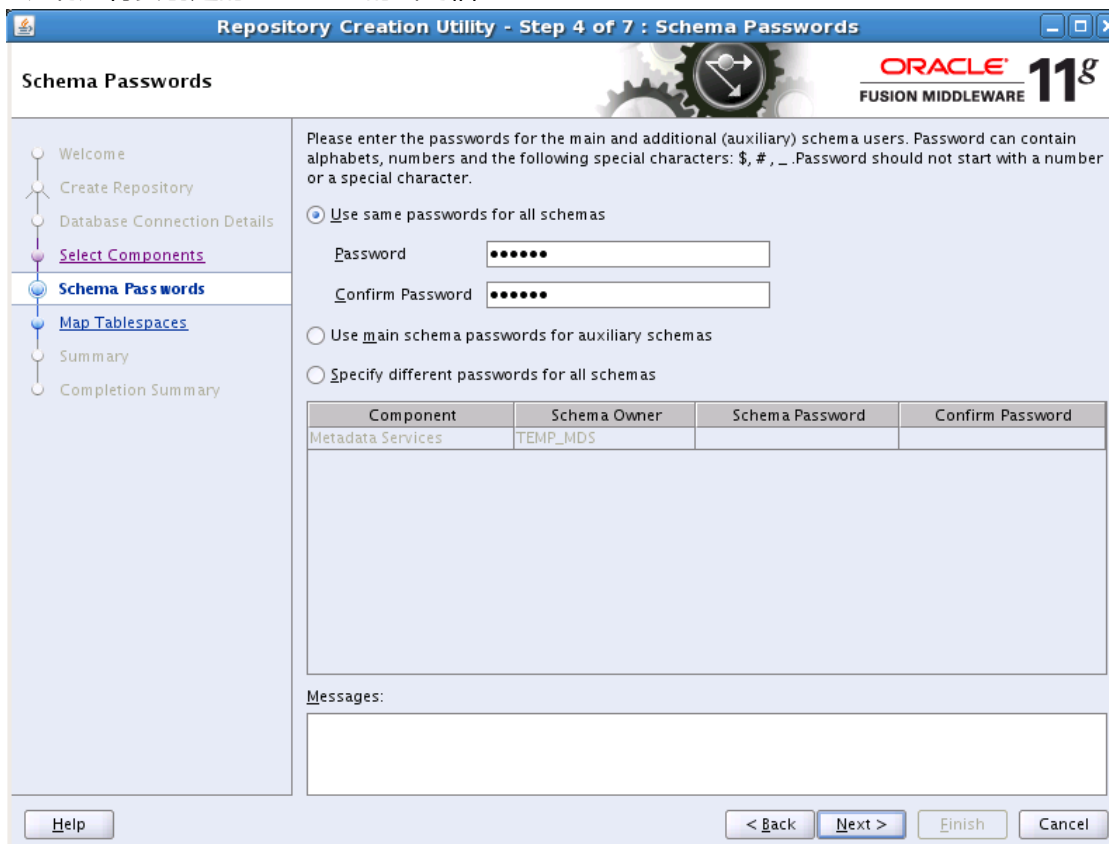
## 5、选择“Metadata Services”进行创建，需要指定前缀，此处为“TEMP”



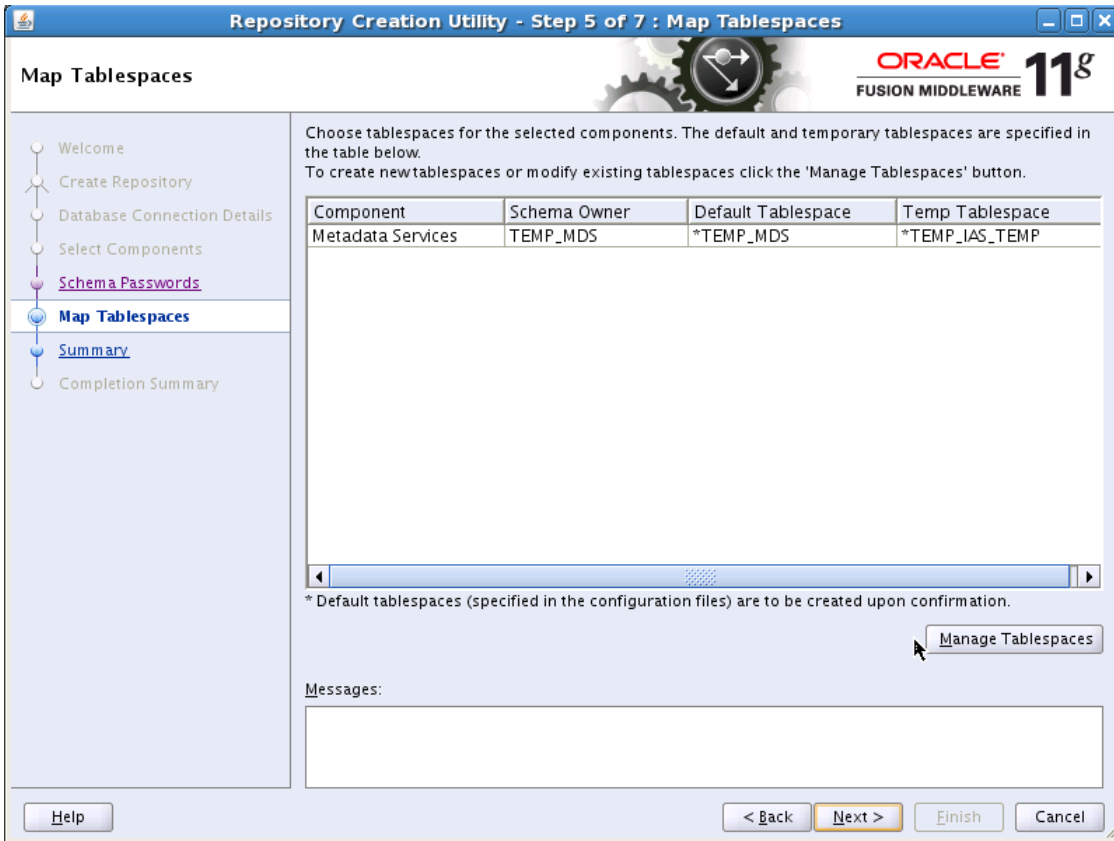
## 6、进行创建前的必要系统参数检查



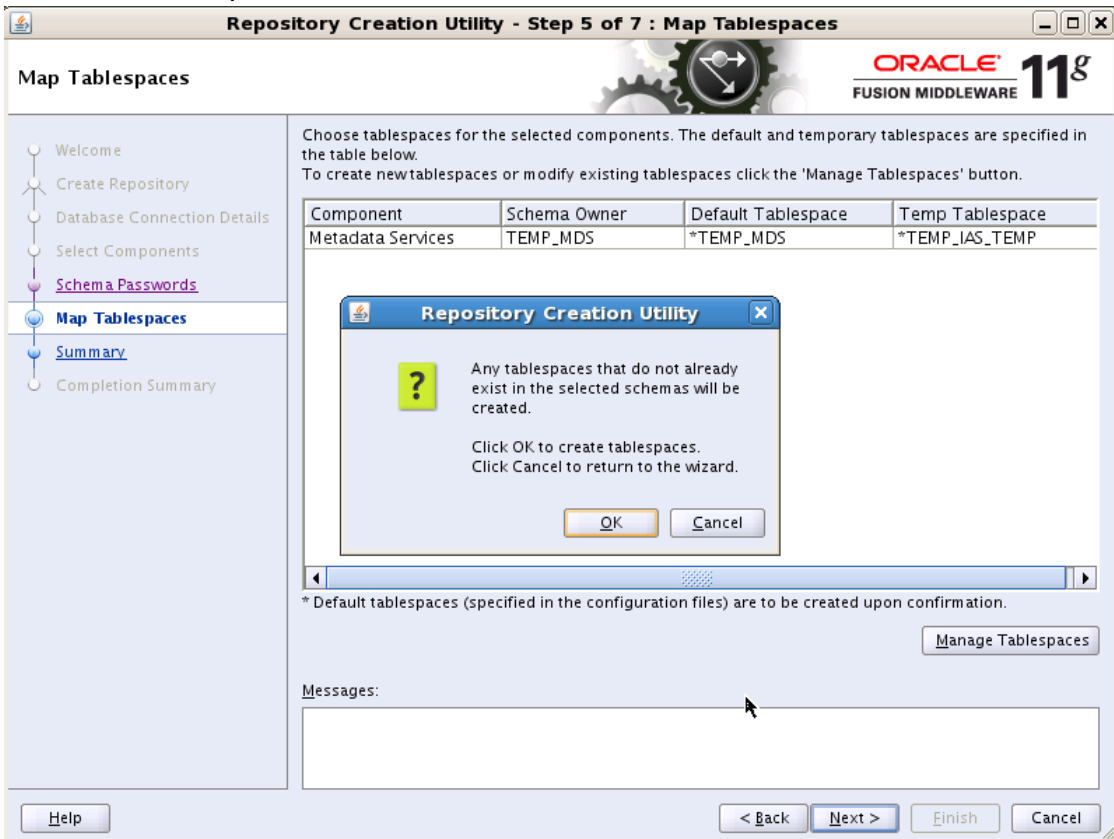
## 7、制定将要创建的 Schema 的密码信息



## 8、设置 TableSpace

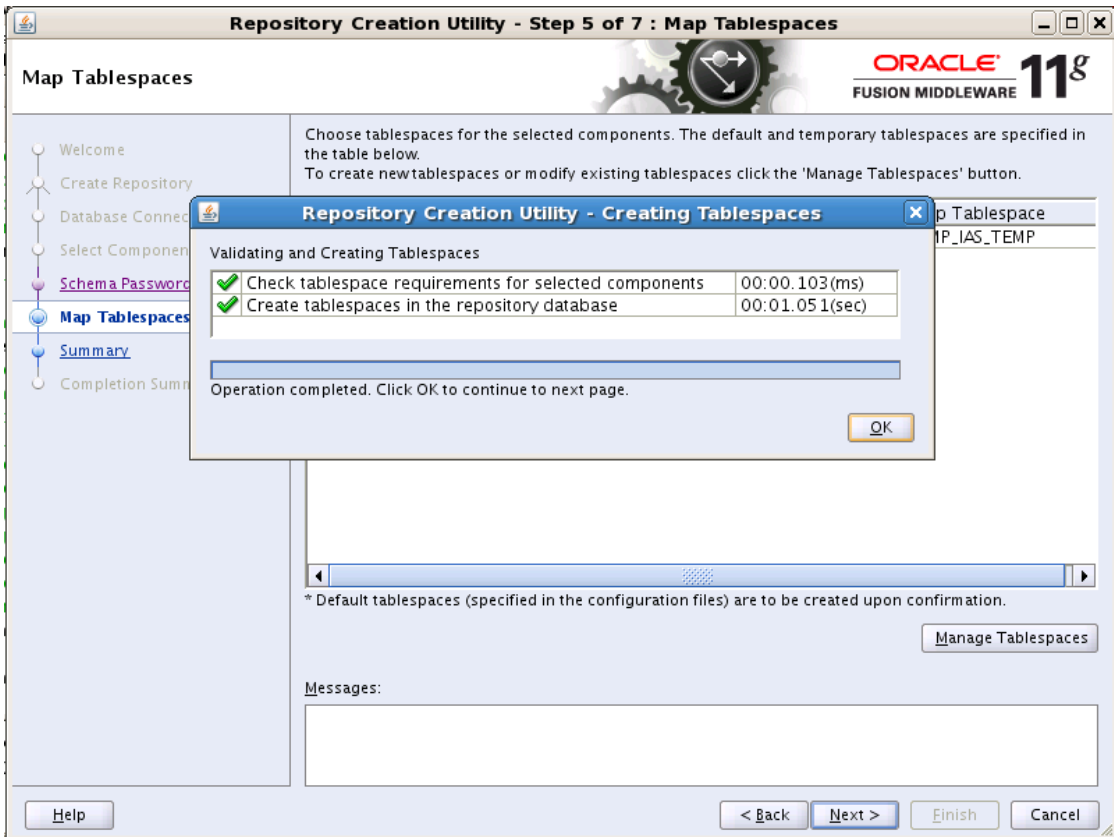


## 9、由于该 TableSpace 尚未存在，需要确认创建

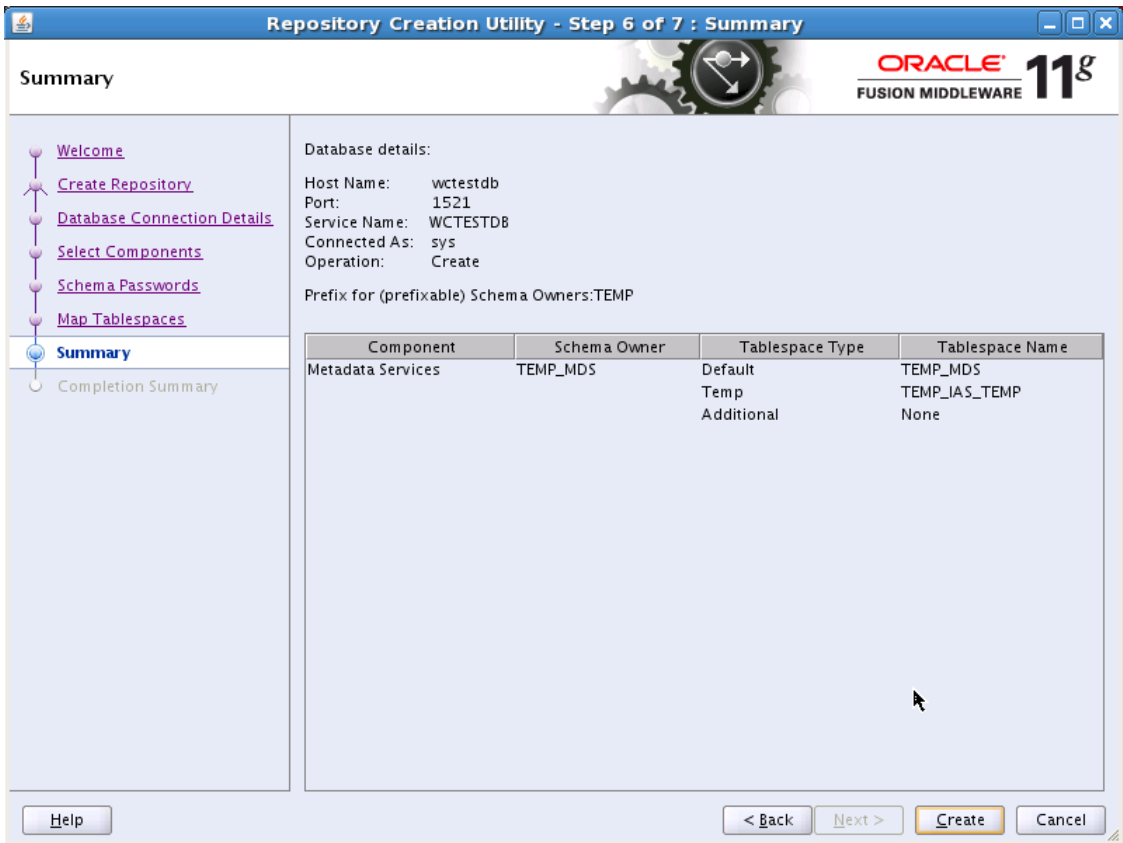




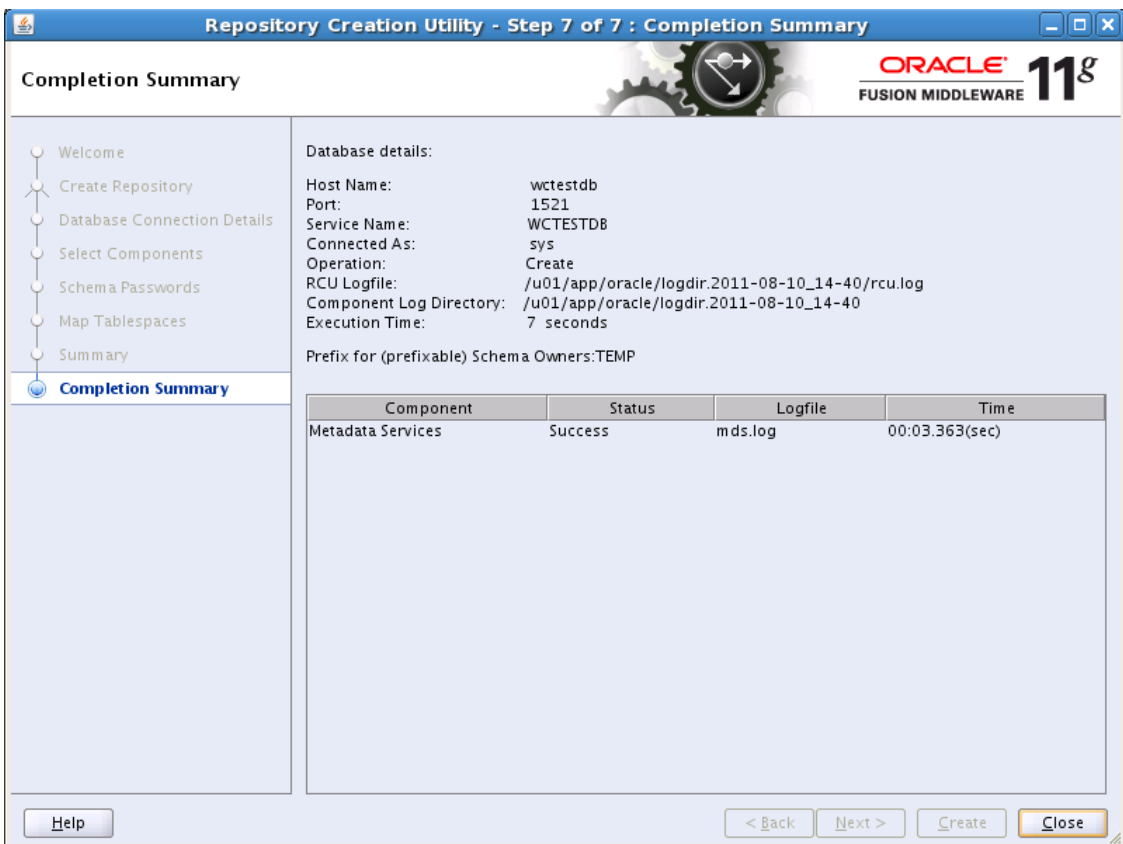
## 10、开始 MDS 的创建



## 11、查看 Summary 信息

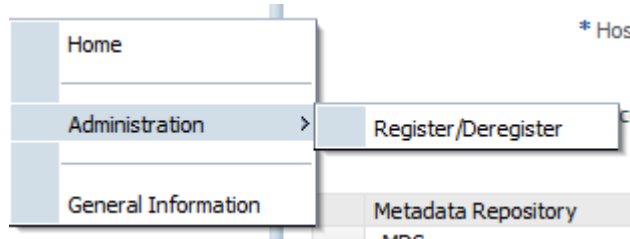


## 12、进行配置的 Review



## 步骤二：在 EM 中注册 MDS Repository

1、选择已有的 MDS Repository，选择右键中的如图选项进行新的 MDS Repository 的注册



2、填写数据库信息，查询前面创建好的 MDS Repository

Metadata Repositories > Register Metadata Repository

### Register Database-Based Metadata Repository

A repository stores information used by Application Server components and other applications. A metadata repository must be registered to be operational. A database-based repository is created using the Repository Creation Utility. To register, input database connection information and click Query, then select one of the Metadata Repository and click OK button.

OK Cancel

**Database Connection Information**

Database Type:  Oracle  SQL Server  IBM DB2

\* Host Name:

\* Port:

\* Service Name:

Query

\* User Name:

\* Password:

Role:

Metadata Repository	Is Registered?	Schema Name	Version	Status	Modified Time
MDS	true	JYTEST_MDS	11.1.1.5.0	VALID	Apr 9, 2011 8:44:08 PM CST
MDS	false	TEMP_MDS	11.1.1.5.0	VALID	Apr 25, 2011 4:37:26 PM CST

Selected Repository - Schema: TEMP\_MDS

The selected schema can be registered only if it has not already been registered.

\* Repository Name:

\* Schema Password:

3、保存后即可看到新注册成功的 MDS Repository

**Information**

Metadata Repository mds-mds-portal has been successfully registered. If it is not visible in the table after refresh the page, it may be because Admin Server need to be restarted. Restart Admin Server to see the newly registered Repository.

### Metadata Repositories

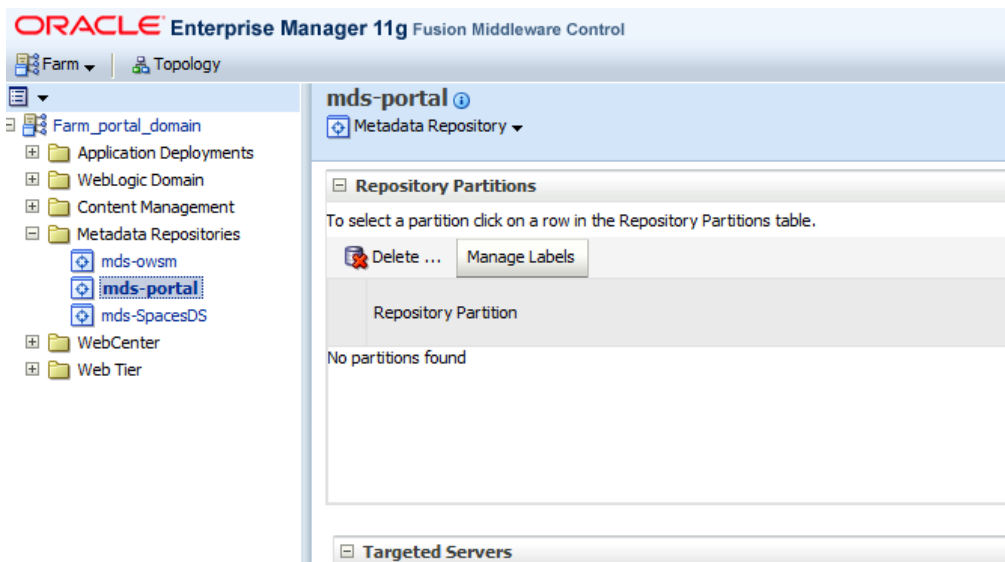
You create most Fusion Middleware component schema repositories in a database using the Repository Creation Utility. Metadata Services (MDS) repositories can be created in a database with the Repository Creation Utility or created on disk as file-based repositories. You must register an MDS repository before you can deploy application metadata to the repository.

Database-Based Repositories

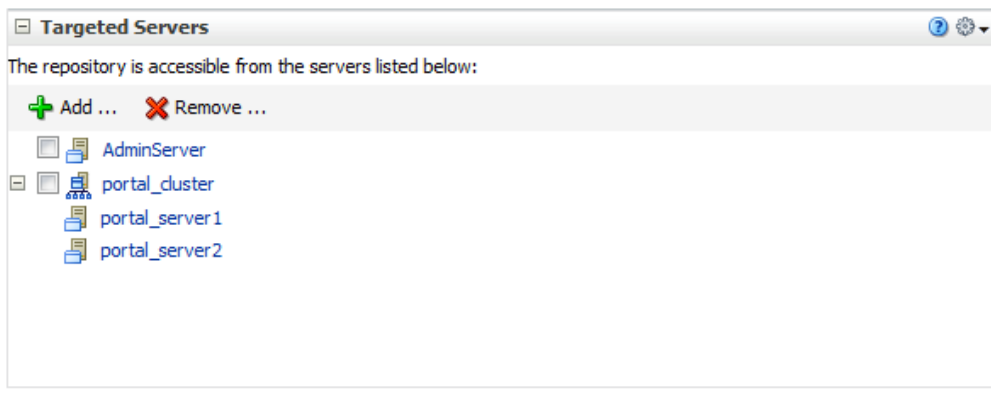
Register... Deregister

Repository Name	Database Type	Database Name	Schema Name	JNDI Location
mds-SpacesDS	Oracle	wctestdb	JYTEST_MDS	jdbc/mds/SpacesDS
mds-portal	Oracle	wctestdb	TEMP_MDS	jdbc/mds/portal
mds-ovsm	Oracle	wctestdb	JYTEST_MDS	jdbc/mds/ovsm

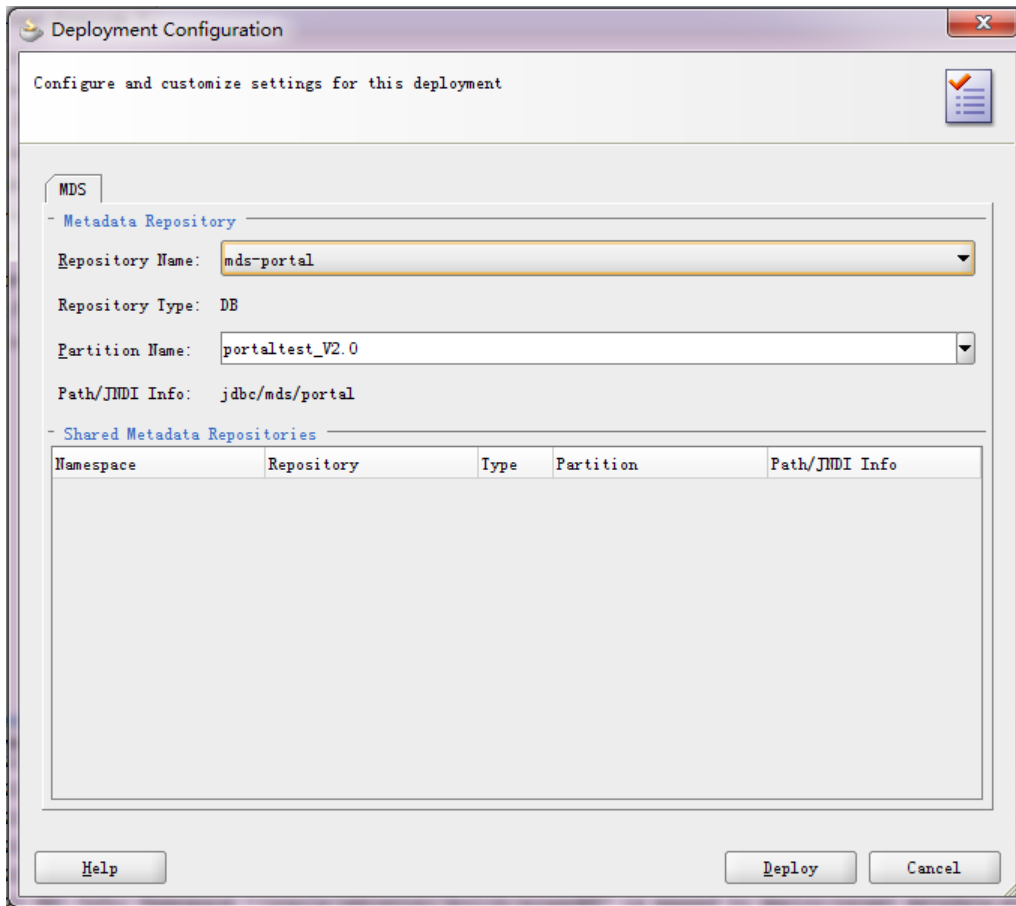
4、配置完成后，在 EM 左侧的“Metadata Repositories”项中就可以看到刚注册成功的 MDS Repository



5、选择该 MDS Repository 应用的 Server 范围，既可以应用在指定的 Server 中，也可以应用在 Cluster 中



6、设置完成后，在通过 JDeveloper 进行远程应用部署时就可以选择该 MDS Repository 了：)



# 作者个人简介



徐翔轩 - Eleven Xu

微博：@Eleven\_\_Xu

博客：<http://oracleseeker.com/>

徐翔轩是 Oracle ACE 称号获得者，前上海汉得信息技术股份有限公司中间件技术顾问，目前就职于 definesys 上海得帆信息技术有限公司。

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