

# Oracle Discoverer

## EUL Command Line for Java

*Open Platform EUL Creation and Maintenance*

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# Oracle Discoverer EUL Command Line for Java

## EXECUTIVE OVERVIEW

Oracle Application Server Discoverer 10g (version 9.0.4) introduces the Discoverer EUL command line for Java. This enables you to create and maintain EULs from any platform supported by OracleAS Discoverer. This version of the command line contains powerful new security and privilege management functionality previously only available from Discoverer Administrator.

## INTRODUCTION

OracleAS Discoverer is Oracle's award winning, easy-to-use ad-hoc query, reporting and Web publishing tool. There are two aspects to any Discoverer system:

- Creating and maintaining an End User Layer (EUL)
- Generating ad-hoc queries, reports and publishing data

The creation and maintenance of a Discoverer EUL is carried out using Oracle Discoverer Administrator, which must be installed on a Windows PC. This is ideal for the initial EUL installation and for building your business areas. However, when the EUL is ready to be rolled out to your end users for the generation of ad-hoc queries and reports, the requirement for a Windows machine can be a limiting factor.

This paper describes a new Discoverer EUL command line, based on open standards, that enables you to create and maintain Discoverer End User Layers on any operating system supported by OracleAS Discoverer.

## OPEN PLATFORM EUL CREATION AND MAINTENANCE

Maintaining your EULs from platforms other than Windows is especially useful when it comes to deploying your EULs to a production system. For example, you may need to install the EUL on multiple servers located in different geographies.

**Automated EUL deployment**

The Discoverer EUL command line for Java can be used in conjunction with automated deployment scripts with no manual intervention required.

### **Zero Learning Curve**

The Discoverer EUL command line for Java builds on the existing functionality currently available in the Windows Discoverer command line interface. All your existing command files can be re-used with only minimal changes due to improvements in syntax.

### **POWERFUL NEW FUNCTIONALITY**

The Discoverer EUL command line for Java introduces powerful new administrative functionality.

#### **Privilege Management**

It is now possible to grant or revoke Discoverer privileges to users or roles using the EUL command line for Java. As well as the ability to set 'all admin' or 'all user' privileges, the following specific administration and end user privileges can be set:

#### **Powerful new administrative functionality**

##### *Administration:*

- Ability to use Discoverer Administrator
- Format business areas
- Create or edit business areas
- Create summaries
- Set privileges
- Manage scheduled workbooks

##### *End user:*

- Ability to use any Discoverer end-user clients
- Create or edit query
- Collect query statistics
- Item drills
- Grant workbooks
- Schedule workbooks
- Save workbooks to the database

- Change password

### **Business Area Access Management**

The Java command line allows even more flexible management of business area access lists including the option to grant administrators privilege on a particular business area to a user or role.

### **Control Over Workbook Access**

New syntax introduced allows specific workbooks stored in the database to be shared with users or roles in your system.

### **Wildcard Support**

To enable even easier maintenance of business areas, the Java command line introduces a wildcard option that supports both the % and \_ syntax familiar to Oracle Database users.

## **JAVA COMMAND LINE SYNTAX**

It is possible to re-use your existing Discoverer Administrator command line command files, but in order to be 100% Java compliant, there is a minor difference in the command syntax. In the Discoverer EUL command line for Java, an option can only be prefixed by a hyphen '-'.

Here are a few examples of typical EUL administration tasks and the command line syntax required. In the first example, both the Windows and Java command line syntax are provided for comparison.

### **Examples**

In this example a database system account creates a new EUL in a new user called Bob. It will overwrite any existing EUL tables and will log all output to a file 'create.log':

*Windows command line example*

```
Dis51adm.exe /connect sysusr/passwd@db /create_eul  
/overwrite /user bob /password welcome /log create.  
log
```

*Equivalent Java command line example*

```
java -jar eulbuilder.jar -connect sysusr/passwd@db -  
create_eul -overwrite -user bob -password welcome -  
log create.log
```

In this example, Bob connects to the EUL created in the previous example then grants user Joe the privilege to administer the EUL and create and edit business areas:

*Java command line example*

```
java -jar eulbuilder.jar -connect bob/welcome@db  
-grant_privilege -user joe -privilege administration  
-privilege create_edit_business_area
```

In this example, Joe connects to the EUL and performs a bulk load of objects beginning with the letter 'E' from a schema DEMO into a business area called 'tutorial':

*Java command line example*

```
java -jar eulbuilder.jar -connect joe/mypwd@db  
-load tutorial -user DEMO -object E%
```

The final example shows how to get help on all the command line options:

```
java -jar eulbuilder.jar -help -all
```

## **CONCLUSION**

The creation and maintenance of Discoverer EULs requires access to Discoverer Administrator installed on a Windows PC. This dependency may be restrictive when deploying Discoverer EULs into a production system or rolling out the latest patch version of your business areas.

The introduction of the Oracle Discoverer EUL command line for Java allows open platform EUL creation and maintenance on any platform supported by OracleAS Discoverer.

## **RELATED DOCUMENTATION**

Oracle Discoverer EUL Command Line interface User's Guide

(Part Number B10274-01)

## **AVAILABILITY**

The Oracle Discoverer EUL command line for Java is shipped with the following products:

- Oracle Application Server 10g (version 9.0.4)
- Oracle Developer Suite 10g (version 9.0.4)



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