

## SCHEMA OVERVIEW

### ANONYMOUS

**Purpose:**

- Account that allows HTTP access to Oracle XML DB. It is used in place of the APEX\_PUBLIC\_USER account when the Embedded PL/SQL Gateway (EPG) is installed in the database. EPG is a Web server that can be used with Oracle Database. It provides the necessary infrastructure to create dynamic applications. See also XDB.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/rdbms/admin/catqm.sql

### APEX\_030200

**Purpose:**

- Part of the Oracle Application Express Suite - (Oracle APEX, previously named Oracle HTML DB) which is a freeware software development environment. It allows a fast development cycle to be achieved to create web based applications. The account owns the Application Express schema and metadata. See also APEX\_PUBLIC\_USER and FLOW\_FILES.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/apex/apexins.sql

### APEX\_PUBLIC\_USER

**Purpose:**

- Part of the Oracle Application Express Suite - (Oracle APEX, previously named Oracle HTML DB) which is a freeware software development environment. It allows a fast development cycle to be achieved to create web based applications. This minimally privileged account is used for Application Express configuration with Oracle HTTP Server and mod\_plsql. See also APEX\_030200 and FLOW\_FILES.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/apex/apexins.sql

## APPQOSSYS

**Purpose:**

- Used for storing/managing all data and metadata required by Oracle Quality of Service Management.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_ADMIN/rdbms/admin/catqos.sql

## BI

**Purpose:**

- The account that owns the Business Intelligence schema included in the Oracle Sample Schemas. See also [HR](#), [OE](#), [SH](#), [IX](#) and [PM](#).

**Safe To Remove:**

- Yes – run \$ORACLE\_HOME/demo/schema/drop\_sch.sql

**Recreation Script:**

- \$ORACLE\_HOME/demo/schema/bus\_intelligence/bi\_main.sql

## CTXSYS

**Purpose:**

- The account used to administer Oracle Text. Oracle Text enables the building of text query applications and document classification applications. It provides indexing, word and theme searching, and viewing capabilities for text.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/ctx/admin/ctxsys.sql

## DBSNMP

**Purpose:**

- The account used by the Management Agent component of Oracle Enterprise Manager to monitor and manage the database. Password is created at installation or database creation time.

**Safe To Remove:**

- Yes – run \$ORACLE\_HOME/rdbms/admin/catnsnmp.sql

**Recreation Script:**

- \$ORACLE\_HOME/rdbms/admin/catnsnmp.sql

## DIP

**Purpose:**

- The account used by the Directory Integration Platform (DIP) to synchronize the changes in Oracle Internet Directory with the applications in the database.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/rdbms/admin/catdip.sql

## EXFSYS

**Purpose:**

- The account used internally to access the EXFSYS schema, which is associated with the Rules Manager and Expression Filter feature. This feature enables the building of complex PL/SQL rules and expressions. The EXFSYS schema contains the Rules Manager and Expression Filter DDL, DML, and associated metadata.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/rdbms/admin/exfsys.sql

## FLOW\_FILES

**Purpose:**

- Part of the Oracle Application Express Suite - (Oracle APEX, previously named Oracle HTML DB) which is a freeware software development environment. It allows a fast development cycle to be achieved to create web based applications. This account owns the Application Express uploaded files. See also [APEX\\_030200](#) and [APEX\\_PUBLIC\\_USER](#).

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/apex/apexins.sql

## HR

### Purpose:

- The account that owns the Human Resources schema included in the Oracle Sample Schemas. See also [BI](#), [OE](#), [SH](#), [IX](#) and [PM](#).

### Safe To Remove:

- Yes – run \$ORACLE\_HOME/demo/schema/drop\_sch.sql

### Recreation Script:

- \$ORACLE\_HOME/demo/schema/human\_resources/hr\_main.sql

## IX

### Purpose:

- The account that owns the Information Transport schema included in the Oracle Sample Schemas. See also [BI](#), [HR](#), [OE](#), [SH](#) and [PM](#).

### Safe To Remove:

- Yes – run \$ORACLE\_HOME/demo/schema/drop\_sch.sql

### Recreation Script:

- \$ORACLE\_HOME/demo/schema/info\_exchange/ix\_main.sql

## MDDATA

### Purpose:

- The schema used by Oracle Spatial for storing Geocoder and router data. See also [SPATIAL\\_CSW\\_ADMIN\\_USR](#), [SPATIAL\\_WFS\\_ADMIN\\_USR](#) and [MDSYS](#).

### Safe To Remove:

- Yes

### Recreation Script:

- \$ORACLE\_HOME/md/admin/catmd.sql

## MDSYS

### Purpose:

- The Oracle Spatial and Oracle Multimedia Locator administrator account. See also [SPATIAL\\_CSW\\_ADMIN\\_USR](#), [MDDATA](#) and [SPATIAL\\_WFS\\_ADMIN\\_USR](#).

### Safe To Remove:

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/ord/admin/ordinst.sql

## MGMT\_VIEW

**Purpose:**

- An account used by Oracle Enterprise Manager Database Control. Password is randomly generated at installation or database creation time. Users do not need to know this password.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/sysman/admin/emdrep/bin/RepManager

## OE

**Purpose:**

- The account that owns the Order Entry schema included in the Oracle Sample Schemas. See also [BI](#), [HR](#), [SH](#), [IX](#) and [PM](#).

**Safe To Remove:**

- Yes – run \$ORACLE\_HOME/demo/schema/drop\_sch.sql

**Recreation Script:**

- \$ORACLE\_HOME/ demo/schema/order\_entry/oe\_main.sql

## OLAPSYS

**Purpose:**

- The account that owns the OLAP Catalog (CWM Lite). This account has been deprecated, but is retained for backward compatibility.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/olap/admin/amdsys.sql

## ORACLE\_OCM

**Purpose:**

- This account contains the instrumentation for configuration collection used by the

Oracle Configuration Manager.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/rdbms/admin/catocm.sql

## ORDDATA

**Purpose:**

- This account contains the Oracle Multimedia DICOM data model.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/ord/admin/ordisysc.sql

## ORDPLUGINS

**Purpose:**

- The Oracle Multimedia user. Plug-ins supplied by Oracle and third-party, format plug-ins are installed in this schema. Oracle Multimedia enables Oracle Database to store, manage, and retrieve images, audio, video, DICOM format medical images and other objects, or other heterogeneous media data integrated with other enterprise information. See also [ORDSYS](#) and [SI\\_INFORMTN\\_SCHEMA](#).

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/ord/admin/ordinst.sql

## ORDSYS

**Purpose:**

- The Oracle Multimedia administrator account. See also [ORDPLUGINS](#) and [SI\\_INFORMTN\\_SCHEMA](#).

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/ord/admin/ordinst.sql

## OUTLN

**Purpose:**

- The account that supports plan stability. Plan stability prevents certain database environment changes from affecting the performance characteristics of applications by preserving execution plans in stored outlines. OUTLN acts as a role to centrally manage metadata associated with stored outlines.

**Safe To Remove:**

- No

**Recreation Script:**

- \$ORACLE\_HOME/rdbms/admin/sql.bsq. Recover from backup or recreate the database.

## OWBSYS

**Purpose:**

- The account for administering the Oracle Warehouse Builder repository. Access this account during the installation process to define the base language of the repository and to define Warehouse Builder workspaces and users. A data warehouse is a relational or multidimensional database that is designed for query and analysis. See also [OWBSYS\\_AUDIT](#).

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/owb/UnifiedRepos/cat\_owb.sql

## OWBSYS\_AUDIT

**Purpose:**

- This account is used by the Warehouse Builder Control Center Agent to access the heterogeneous execution audit tables in the [OWBSYS](#) schema.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/owb/UnifiedRepos/cat\_owb.sql

## PM

**Purpose:**

- The account that owns the Product Media schema included in the Oracle Sample Schemas. See also [BI](#), [HR](#), [OE](#), [SH](#) and [IX](#).

**Safe To Remove:**

- Yes – run \$ORACLE\_HOME/demo/schema/drop\_sch.sql

**Recreation Script:**

- \$ORACLE\_HOME/demo/schema/product\_media/pm\_main.sql

## SCOTT

**Purpose:**

- An account used by Oracle sample programs and examples.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/rdbms/admin/utlsampl.sql

## SH

**Purpose:**

- The account that owns the Sales History schema included in the Oracle Sample Schemas and is only available for **Enterprise Edition** installations. See also [BI](#), [HR](#), [OE](#), [IX](#) and [PM](#).

**Safe To Remove:**

- Yes – run \$ORACLE\_HOME/demo/schema/drop\_sch.sql

**Recreation Script:**

- \$ORACLE\_HOME/demo/schema/sales\_history/sh\_main.sql

## SI\_INFORMTN\_SCHEMA

**Purpose:**

- The account that stores the information views for the SQL/MM Still Image Standard. See also [ORDPLUGINS](#) and [ORDSYS](#).

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/ord/admin/ordinst.sql

## SPATIAL\_CSW\_ADMIN\_USR

**Purpose:**



- The Catalog Services for the Web (CSW) account. It is used by the Oracle Spatial CSW cache manager to load all record type metadata, and record instances from the database into the main memory for the record types that are cached. See also [SPATIAL\\_WFS\\_ADMIN\\_USR](#), [MDDATA](#) and [MDSYS](#).

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/md/admin/sdocswpv.sql

## [SPATIAL\\_WFS\\_ADMIN\\_USR](#)

**Purpose:**

- The Web Feature Service (WFS) account. It is used by the Oracle Spatial WFS cache manager to load all feature type metadata, and feature instances from the database into main memory for the feature types that are cached. See also [SPATIAL\\_CSW\\_ADMIN\\_USR](#), [MDDATA](#) and [MDSYS](#).

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/md/admin/sdowfspv.sql

## [SYS](#)

**Purpose:**

- An account used to perform database administration tasks. Password is created at installation or database creation time.

**Safe To Remove:**

- No

**Recreation Script:**

- \$ORACLE\_HOME/rdbms/admin/sql.bsq. Recover from backup or recreate the database.

## [SYSMAN](#)

**Purpose:**

- The account used to perform Oracle Enterprise Manager database administration tasks. The [SYS](#) and [SYSTEM](#) accounts can also perform these tasks. Password is created at installation or database creation time.

**Safe To Remove:**

- Yes

**Recreation Script:**

- Created as part of the **dbconsole** or **Enterprise Manager** build.

## SYSTEM

**Purpose:**

- A default generic database administrator account for Oracle databases. For production systems, Oracle recommends creating individual database administrator accounts and not using the generic SYSTEM account for database administration operations. Password is created at installation or database creation time.

**Safe To Remove:**

- No

**Recreation Script:**

- \$ORACLE\_HOME/rdbms/admin/sql.bsq. Recover from backup or recreate the database.

## WMSYS

**Purpose:**

- The account used to store the metadata information for Oracle Workspace Manager.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/rdbms/admin/owmctab.plb

## XDB

**Purpose:**

- The account used for storing Oracle XML DB data and metadata. See also ANONYMOUS.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/rdbms/admin/catqm.sql

## XS\$NULL

**Purpose:**

- An internal account that represents the absence of a user in a session. Because

XS\$NULL is not a user, this account can only be accessed by the Oracle Database instance. XS\$NULL has no privileges and no one can authenticate as XS\$NULL, nor can authentication credentials ever be assigned to XS\$NULL.

**Safe To Remove:**

- No

**Recreation Script:**

- \$ORACLE\_HOME/rdbms/admin/sql.bsq. Recover from backup or recreate the database.

## OTHER ADMINISTRATIVE SCHEMA

The schema listed below are *not* installed by default, but can be built using the creation script(s) cited and any necessary additional steps as prescribed by the appropriate Oracle manual.

### LBACSYS

**Purpose:**

- The account used to administer Oracle Label Security (OLS). It is created only when the Label Security custom option is installed.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/rdbms/admin/catlbacs.sql

### WK\_TEST

**Purpose:**

- The instance administrator for the default instance, WK\_INST. After unlocking this account and assigning this user a password, then the cached schema password must also be updated using the administration tool Edit Instance Page. Ultra Search provides uniform search-and-location capabilities over multiple repositories, such as Oracle databases, other ODBC compliant databases, IMAP mail servers, HTML documents managed by a Web server, files on disk, and more. See also [WKSYS](#)

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/ultrasearch/admin/wk0csys.sql

### WKSYS

**Purpose:**

- An Ultra Search database super-user. WKSYS can grant super-user privileges to other users, such as WK\_TEST. All Oracle Ultra Search database objects are installed in the WKSYS schema. See also [WK\\_TEST](#)

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/ultrasearch/admin/wk0csys.sql

## WKPROXY

**Purpose:**

- An administrative account of Application Server Ultra Search.

**Safe To Remove:**

- Yes

**Recreation Script:**

- \$ORACLE\_HOME/ultrasearch/admin/wk0csys.sql