

OATM

The Oracle Applications Tablespace Model (OATM) introduces a new, consolidated tablespace model in Oracle Applications, that uses 12 locally managed tablespaces for all products, including the temporary tablespace, system tablespace, and undo segments. In this revised Oracle Applications Tablespace Model, each Oracle Applications database object is mapped to a tablespace based on its Input/Output characteristics. This new model allows for easier maintenance, reduces space usage, and allows for potential run-time performance gains.

SURENDER
SARA

OATM

Install OATM migration utility

Patch 3942506 - AOL/FND:
OATM MIGRATION UTILITY ROLLUP C

Run OATM migration utility

```
perl $FND_TOP/bin/fndtsmig.pl
```



Parameters needed while starting OATM utility

Enter OATM configuration file or press enter to continue:

```
Enter APPL_TOP[u01/applmgr/olc510appl]:
Enter FND_TOP[u01/applmgr/olc510appl/fnd/11.5.0]:
Enter the Database Connect String[OLC510]:
Enter the password for your 'SYSTEM' ORACLE schema:
Successfully connected to database OLC510 using SYSTEM user.
Enter the ORACLE APPS Schema name[APPS]: apps
Enter the password for APPS:
Successfully connected to database OLC510 using APPS user.
Enter the ORACLE Application Object Library Schema name
[APPLSYS]: applsys
```

```
=====
CONNECT_STRING      OLC510
FND_TOP              =/u01/applmgr/olc510appl/fnd/11.5.0
APPLSYS_SCHEMA      APPLSYS
APPS_SCHEMA          APPS
APPL_TOP             =/u01/applmgr/olc510appl
=====
```

OATM Menu Structure

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2. Create New Tablespaces
3. Generate Migration Commands
4. Execute Migration Commands
5. Run Migration Status Reports
6. Run Post Migration Steps
7. Run Customization Steps
8. Run Migration in Batch Mode

Migration Sizing Reports

Migration Sizing Reports

These reports are provided to help you gauge the space requirements for the new Tablespaces. Additionally, they will also help you determine the type of migration approach that best suits your needs

1. Generate a Report with the list of all the Oracle Application product schemas that can be migrated
2. Calculate total space required by each new tablespace to migrate all Oracle Application product schemas (relevant for a complete migration)
3. Calculate total space required by each new tablespace to migrate each Oracle Application product schema (relevant for a schema-by-schema migration)
4. Calculate total space required by each Oracle Applications schema, with details for each object
5. Display Sizing Exception report

Create New Tablespaces

Create New Tablespaces

1. Generate new tablespace creation script
2. Create new tablespaces

Generate Migration Commands

Generation of Migration commands including disable/enable commands for triggers, constraints, policies, stop/start for queues.

1. Invalid Indexes Report. Please correct/drop these before generating migration commands
2. Generate migration commands for all schemas
3. Generate migration commands for a list of schemas

Execute Migration Commands

Execution of Migration commands including disable commands for triggers constraints, stop/start for queues.

PLEASE TAKE A COMPLETE BACKUP OF THE DATABASE

1. Migrate all Schemas
2. Migrate a list of Schemas
3. Migrate CTXSYS Schema

Note: Migrate CTXSYS schema when no other migration process is in progress.

Run Migration Status Reports

1. Run migration progress report
2. Run migration error report

Run Post Migration Steps

1. Run audit report
2. Enable constraints/triggers/policies & start queues
3. Resize old tablespaces
4. Generate script to drop empty tablespaces

Note: Please complete refresh all the Materialized Views in Oracle Applications before using the system.

Customization

1. Register new tablespace - tablespace type
2. Change name of the existing tablespace
3. Register object classification
4. Change object classification

Batch Mode Migration

1. Run Migration in Batch Mode
2. Run Migration Monitor