

This document is still under construction:

1. How to find out which objects are invalid and need recompilation?

```
COLUMN object_name FORMAT A30
set linesize 200
set pagesize 200
col object_name format a30
select
    owner,
    object_name,
    object_type, status
from
    dba_objects
where
    owner not in

('SYS','SYSTEM','DBSNMP','OUTLN','OLAPSYS','MDSYS','ORDPLUGINS','XDB','DMSYS')
and
status='INVALID'
and
not object_name like 'BIN$%';
```

2. The following will create the SQL statement to recompile all the Invalid Objects from a particular schema.

```
COLUMN object_name FORMAT A30
set linesize 200
set pagesize 200
SELECT 'alter ' || object_type || ' ' || owner || '.' || object_name || ' compile;'
FROM    dba_objects
WHERE   status = 'INVALID'
AND (OWNER LIKE 'AT%' OR OWNER LIKE 'CC%') ORDER BY owner, object_type, object_name;
```

3. The following will create the SQL statement to recompile all the Invalid Objects except default system users.

```
COLUMN object_name FORMAT A30
set linesize 200
set pagesize 200
SELECT 'alter ' || object_type || ' ' || owner || '.' || object_name || ' compile;'
FROM    dba_objects where owner
not in ('SYS','SYSTEM','DBSNMP','OUTLN','OLAPSYS','MDSYS','ORDPLUGINS','XDB','DMSYS') and
status='INVALID'
and not object_name like 'BIN$%';
```

4. How to recompile just one schema?

```
EXEC DBMS_UTILITY.compile_schema(schema => 'SCOTT');
```

5. How to recompile invalid objects in the entire database?

```
@?/rdbms/admin/utlrp.sql
```

--Moid