



GUIDE

R12.2 Technical Components

Oracle EBS R12.2 technical components handbook

ennVee

Editions

Editions exist in the OS File System (OS) and Database (DB).

How do you determine the current Edition?

OS File System (OS)

```
echo $FILE_EDITION
```

Database (DB)

```
select ad_zd.GET_EDITION_TYPE,  
ad_  zd.GET_EDITION from dual;
```

How do you set the Edition?

OS File System (OS)

```
. apps.env RUN  
. apps.env PATCH
```

Database (DB)

Defaults to RUN. Application developers always work in RUN edition.

Database Tables

Create Table

Create table in custom schema

```
create table XXCUSTOM.XXCUSTOM_TEST_EMP(employee_number NUMBER,emp_
Name varchar2(100));
```

Run upgrade script to create edition view

```
exec AD_ZD_TABLE.UPGRADE('XXCUSTOM', 'XXCUSTOM_TEST_EMP');
```

Modify/Alter

Run alter table script in custom schema

```
alter table XXCUSTOM.XXCUSTOM_TEST_EMP add dept_id number;
```

Run Patch script to create edition view

```
exec AD_ZD_TABLE.PATCH('XXCUSTOM','XXCUSTOM_TEST_EMP');
```

Triggers

Triggers should be on the editioned view (view with #) and not on the table directly. Continue to build/code logic as usual.

No Change

Continue to develop the following objects as earlier:

- Views
- Procedures
- Packages
- Functions
- Forms (use Forms Builder 10g)

Compile Forms

Log into App tier and initialize to RUN environment

`. apps.env RUN`

RUN and PATCH file systems are differentiated by folder names

RUN File System : `/app05/ERPUAT/fs1/EBSapps/appl`

PATCH File System : `/app05/ERPUAT/fs2/EBSapps/appl`

Place forms in RUN file system, compile and generate FMX

`/app05/ERPUAT/fs1/EBSapps/appl/xxcustom/12.0.0/forms/US`

frmcmp_batch.sh replaces f60gen :

`frmcmp_batch.sh module=$AU_TOP/forms/US/XXCUSTOMFORM.fmb userid=apps/
password output_file=$XXCUSTOM_TOP/forms/US/ XXCUSTOMFORM.fmx module_
type=form compile_all=special.`

All custom forms developed in 11i (using version 6i) need to be recompiled.

Compile Reports

In Release 12, Virtual Private Database (VPD) feature rewrites SQL statements and attaches a security policy. The security policy needs to be known at the time the report queries in the data model are parsed.

Afterwards, the Parameter Form trigger is fired before the report's queries are parsed and the Before Report trigger is fired after the queries are parsed.

So, move **Srw.User_Exit('FND SRWINIT');** from the **Before Report** trigger to the **After Parameter Form** trigger.

Oracle Application Framework (OAF)

Web-based content in Oracle E-Business Suite Release 12 runs on the Oracle Application Framework (also known as OA Framework, OAF, or FWK) user interface libraries and infrastructure.

Preferred Folder Structure for OAF Customization – Standard Location

`$JAVA_TOP/XXCUSTOM/*`

Place files in the above folder and run `adcggnjar` from command line without parameter. This notifies WebLogic server about new files and pages.

Additional steps are needed to notify WebLogic of the files and folders when the folder structure is Non-Standard, for example:

`$JAVA_TOP/oracle/xxcustom/*` and `$JAVA_TOP/oracle/java/*`

Note: This approach has been detailed in Developing and Deploying Customizations in Oracle E-Business Suite Release 12.2 (Doc ID 1577661.1)



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