

Author – A.Kishore
<http://appsdba.info>

AD Splicer

- AD Splicer registers off-cycle product as a valid Oracle Applications product for the given release
- The splicing process enables AutoPatch and AD Administration to recognize the off-cycle product
- AD Splicer uses control files to manage the splicing process
 - These are not related to the database control files

AD Splicer Control Files

Off-cycle products are generally released as patches. All product files and control files necessary to splice in the product are included in the patch.

There is one product configuration file, called newprods.txt. The product configuration file must be edited for your specific system before the off-cycle product can be properly spliced.

Note: The product definition files must not be altered.

There are two product definition files per off-cycle product. They are

- <prod>prod.txt: which contains language-independent information for product <prod>
- <prod>terr.txt: which contains language-dependent information for product <prod>
<prod> represents the product abbreviation for an Applications product. For example GL for General Ledger and PO for Purchasing.

The AD Splicer control files must be copied from the patch to the APPL_TOP/admin directory.

Author – A.Kishore
<http://appsdba.info>

Editing newprods.txt

Each spliced product in newprods.txt has an entry such as the following:

```
product=zsa
base_product_top=*APPL_TOP*
oracle_schema=zsa
sizing_factor=100
main_tspace=*Product_Name*D
index_tspace=*Product_Name*X
temp_tspace=*Temporary Tablespace*
default_tspace=*Product_Name*D
```

Post-Splice Steps

After the new product is spliced in, the files and objects for this product can be installed. To do this you need to:

- Log out and log back in so that you are using the new environment file (or registry entries) to set up your environment
- Verify that <PROD>_TOP environment variables are set for your newly-spliced product
- Run AutoPatch to install files and database objects for your new product

Author – A.Kishore
<http://appsdba.info>

Example : Patch - ADSPLICE PATCH FOR IZU - Release 12 - 6280873

IZU Splice Preparation Tasks for R12

Customers with multi-node installations of eBusiness Suite should apply this adsplICE patch on all nodes.

Before you run adpatch you must complete the steps below:

1. Unzip this patch and you will get directory 6280873.

```
[applvis@linux4 patches]$ unzip CASLYVG5.zip
Archive:  CASLYVG5.zip
  inflating: 6280873/README.html
  inflating: 6280873/u6280873.drv
  inflating: 6280873/f6280873.ldt
  inflating: 6280873/izu/admin/izuprod.txt

  inflating: 6280873/izu/admin/newprods.txt
  extracting: 6280873/marker1.txt
  inflating: 6280873/b6280873.ldt
  inflating: 6280873/README.txt
  inflating: 6280873/patch_metadata.xml
  inflating: 6280873/izu/patch/115/manualsteps/izu_r12_splice_tasks.xml
```

2. Copy the following text files from 6280873/izu/admin to the admin directory under APPL_TOP.
izuprod.txt
izuterr.txt
newprods.txt

```
[applvis@linux4 ~]$ cd patches/6280873/izu/admin/
[applvis@linux4 admin]$ ls
izuprod.txt  izuterr.txt  newprods.txt
[applvis@linux4 admin]$ cp * $APPL_TOP/admin
```

3. Change directory to the admin directory under APPL_TOP.
Review newprods.txt and verify that the tablespaces listed exist and are the ones planned for use by this product.
If changes are required, edit the file as appropriate and save it.

```
cd $APPL_TOP/admin
```

```
vi izuprod.txt
```

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<http://appsdba.info>

```
product=izu
base_product_top=*APPL_TOP*
oracle_schema=izu
sizing_factor=100
main_tspace=APPS_TS_TX_DATA
index_tspace=APPS_TS_TX_IDX
temp_tspace=TEMP
default_tspace=APPS_TS_TX_DATA
```

4. You must run "adspllice" from the admin directory under your APPL_TOP.
When you are asked to enter the name of your AD Splicer control file,
enter newprods.txt

adspllice

Filename [adspllice.log]

```
The default directory is [/d03/oracle/VIS/apps/apps_st/appl/admin] :
Please enter the name of your AD Splicer control file [newprods.txt] :
```

```
Product top directory for product "izu" exists.
Directory is /d03/oracle/VIS/apps/apps_st/appl/izu/12.0.0

Directory "log" for product "izu" exists.
Directory "out" for product "izu" exists.
Directory "mesg" for product "izu" exists.
Directory "sql" for product "izu" exists.
  File "sql/IZUNLINS.sql" for product "izu" exists.
Directory "admin/sql" for product "izu" exists.
  File "admin/sql/IZUNLADD.sql" for product "izu" exists.
Directory "admin/driver" for product "izu" exists.

Do you wish to regenerate your environment file [Yes] ?
```

```
Checking if AutoConfig is enabled...
Running AutoConfig on : All products ...
```

Author – A.Kishore

<http://appsdba.info>

```
The log file is located at:
/d03/oracle/VIS/apps/apps_st/appl/admin/VIS/log/autoconfig_1.log

Please check the log file for more details about the run of AutoConfig.

AD Splicer is complete.

Errors and warnings are listed in the log file
/d03/oracle/VIS/apps/apps_st/appl/admin/VIS/log/adsplice.log

and in other log files in the same directory.
```

5. AD Splicer will regenerate the environment file or registry. If you have made manual modifications to your environment file or your registry, you will need to apply those changes again.

Verifying splicing of IZU

1. Log out and log back in so that you are using the new environment file (or registry entries) to set up your environment

```
exit
```

```
su - applvis
```

```
[applvis@linux4 ~]$ . ./APPSVIS_linux4.env
[applvis@linux4 ~]$
```

2. Verify that IZU_TOP environment variable is set for your newly-spliced product IZU

```
[applvis@linux4 ~]$ echo $IZU_TOP
/d03/oracle/VIS/apps/apps_st/appl/izu/12.0.0
```

3. Verify that the product has been correctly created in the database by connection as "APPS" user.

```
select fa.APPLICATION_ID, STATUS
from fnd_application fa, fnd_product_installations fpi
where fa.APPLICATION_ID=fpi.APPLICATION_ID
and APPLICATION_SHORT_NAME = 'IZU' ;
```

This statement should return one row:

```
APPLICATION_ID S
-----
278 I
```

4. Verify you can connect to the database as izu/izu using SQLPLUS.

Author – A.Kishore
<http://appsdba.info>

```
SQL> select fa.APPLICATION_ID, STATUS
       from fnd_application fa, fnd_product_installations fpi
       where fa.APPLICATION_ID=fpi.APPLICATION_ID
       and APPLICATION_SHORT_NAME = 'IZU' ;

   2      3      4
APPLICATION_ID S
-----
          278 I

SQL> SQL>
SQL>
SQL> connect izu/izu
Connected.
```

Pre-install Tasks

You must shut down all Application tier services before performing the tasks in this section.

Apply The Patch

```
[applvis@linux4 patches]$ cd 6280873
[applvis@linux4 6280873]$ ls *.drv
u6280873.drv
```

```
cd $ADMIN_SCRIPTS_HOME
sh adstpall.sh apps/apps
```

```
adadmin defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt logfile=adadmin.log
menu_option=ENABLE_MAINT_MODE workers=8
```

■ Apply patch

```
adpatch defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt logfile=u6280873.log
patchtop=/home/applvis/patches/6280873 driver=u6280873.drv workers=8
```

```
adadmin defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt logfile=adadmin.log
menu_option=DISABLE_MAINT_MODE workers=8
```

```
cd $ADMIN_SCRIPTS_HOME
sh adstrtal.sh apps/apps
```