

ABSolute

Multi Tier Laundry Information System



dpexpimp

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2 Prologue

This batch file can be used to export an Oracle database, import an Oracle dumpfile or do a refresh (first do an export, and import that dumpfile in a different database or schema).

PLEASE NOTE THAT AN IMPORT WILL DROP THE SCHEMA WHERE THE DUMP WILL BE LOADED IN, IF IT EXISTS, WITHOUT WARNING

What this means is that if you make a mistake, you may lose your data. For example, it is easy to do an import in your production system, where you actually wanted to make an export. So, be VERY sure of what you do and always double-check your configuration.

This also means that if you import a dump, no process may access the database (schema) where the dump is being loaded, because that would mean it cannot be dropped and recreated, and this leads to errors in the import.

Please read the manual first, then set the oracle home setting in the batch file and do some testing first on a test database. If you feel comfortable with using the script, and you know what you are doing, only then proceed to make exports of your production environment.

3 Configuration

The script needs some info so it "knows" what to do and where to do that.

For this, you can change the standard options in the dpexpimpset.bat batch script. This batch file serves as a "configuration file" for the main script.

These are the settings that can be changed in the batch file:

ORACLE_HOME	The oracle_home to use
FROM_SID	export using this SID
FROM_USER	export this schema
FROM_PWD	password of the schema that will be exported
FROM_SERVER	export is done on this database server machine (name or IP-number)
FROM_DUMPDIR	directory where the exported dump will be written
FROM_SYSUSER	export database sysdba user username
FROM_SYSPWD	export database sysdba user password
ZIPEXPORT	Compress the exported database dump using 7zip
KEEPZIPDAYS	Keep a history zipped dumps for xxx days (use for daily exports, used only with command line options /e /z). N = no check
TO_SID	Do an import in this SID
TO_USER	Import the dump in this schema
TO_PWD	Password of the schema where the dumpfile is imported
TO_SERVER	The import is done on this oracle server machine
TO_DUMPDIR	The import dump file is read from this directory
TO_SYSUSER	import database sysdba user username
TO_SYSPWD	import database sysdba user password
IMPENVIRONMENT	After an import, set the database environment to this (i.e. production, test, conversion, ...)
PARFILE	If you want to use a PAR-file, you can set its location here

By setting the value of the setting to -ask- the script will ask the end user to type in a value after the script is started. Exception is the ORACLE_HOME setting. Please set ORACLE_HOME to the real path, don't use -ask- there.

It is also possible to use command line options to set the configuration. Note: the command line options override the settings you may have made in the batch file. You can use the following command line options:

```

/B          first do an export and after that do an import of that dumpfile (refresh)
/I          only do an import of a dumpfile
/E          only do an export
/Z          compress exported dumpfile (used only with /E). This uses 7zip for compressing
/KZ:xxx    keep xxx days of zipped dumps (used only with /e /z)
/FS:xxx    export from this SID
/FU:xxx    export schema name
/FP:xxx    export schema password
/U1:xxx    export database sysdba user username
/P1:xxx    export database sysdba user password
/FC:xxx    export from this Oracle server machine (needed if the dumpfile needs to be copied to another
           machine)
/FD:xxx    set the directory where the dumpfile export is written
/FN:xxx    set the filename for the export dumpfile. If this switch is not used, a filename will be generated
           (dpdump_SID_USER_YYYYMMDD_HHMMSS.dmp)
/TS:xxx    import in this SID
/TU:xxx    import schema name
/TP:xxx    import schema password
/U2:xxx    import database sysdba user username
/P2:xxx    import database sysdba user password
/TC:xxx    import to this Oracle server machine (needed if the dumpfile needs to be copied to another
           machine)
/TD:xxx    set the directory from where the import dumpfile is read
/TN:xxx    set the filename for the dumpfile to be imported (not used with /B or /E. In that case the /FN
           filename will be used)
/IE:xxx    set database environment after import to xxx (production, test, dev, etc.)
/PF:xxx    use parfile

```

Between the option switch (i.e. /dd or /su) and the value there must be a semicolon (;). Options /B, /I, /E and /Z do not have a value field, so they don't need the semicolon.

By setting the value of the command line option to -ask- the script will ask the end user to type in a value after the script is started (can be handy in shortcuts to the script). If an option is not set on command line then the value as set in the configuration batch file (between START OF USER SETTINGS and END OF USER SETTINGS) will be used.

Of course, all SID's and users must be known to Oracle and directories must exist.

4 Examples

```
dpexpimp /e /fs:abst /fu:test1 /fp:testpw1 /fd:c:\temp /fn:dumptest /U1:SYS /P1:ABSSYS
```

This makes an export of schema user test1 with password testpw1 in SID abst to dumpfile c:\temp\dumptest.dmp
The dumpfile is made using sysdba user SYS with password ABSSYS

```
dpexpimp /i /ts:ORADEV /tu:DEV01 /Tp:DEV01 /fd:d:\dumps /fn:dmpprod.dmp /U2:SYS /P2:ABSSYS
```

This imports dumpfile d:\dumps\dmpprod.dmp into oracle SID ORADEV using schema user DEV01 with password DEV01
The dumpfile is imported using sysdba user SYS with password ABSSYS

```
dpexpimp /b /fs:OPROD /fu:ABSSOLUTE /fp:ABSSOLUTE /fd:c:\temp /fn:dumptest /fc:PRODORASERVER
/tc:TESTORASRV /tu:TEST01 /tp:TEST01 /ts:OTEST /IE:TEST /U1:SYS /P1:ABSSYS /U2:sys /P2:abssys
```

This makes an export of schema user ABSSOLUTE with password ABSSOLUTE in SID OPROD to dumpfile c:\temp\dumptest.dmp on server machine PRODORASERVER, and imports this dumpfile in to oracle SID OTEST using schema user TEST01 with password TEST01.
The dumpfile is made using sysdba user SYS with password ABSSYS and imported using sysdba user sys with password abssys