Oracle Data Pump

Creating the Directory

Include EXP_FULL_DATABASE rights to allow for export of all oracle data. Include IMP_FULL_DATABASE rights to allow for import of all oracle data. This is not required for user owned data.

\[
\begin{align*}
\text{SQL}> & \text{ CREATE DIRECTORY back_	ext{user} AS '/home/oracle/user/backup';} \\
\text{SQL}> & \text{ GRANT READ, WRITE ON DIRECTORY backup to user;} \\
\text{SQL}> & \text{ GRANT EXP_FULL_DATABASE TO user;} \\
\text{SQL}> & \text{ GRANT IMP_FULL_DATABASE TO user;} \\
\end{align*}
\]

Creating the backup

This only backs up a specific user.

\[
\text{LINUX}> \text{ expdp user/password DIRECTORY=back_	ext{user} DUMPFILE=back1.dmp}
\]

Include full=yes to get everything.

\[
\text{LINUX}> \text{ expdp user/password DIRECTORY=back_	ext{user} DUMPFILE=back1.dmp FULL=yes}
\]

Restoring the backup

Change the table_exists_action to replace, skip or append acordingly.

\[
\text{LINUX}> \text{ impdp user/password table=tableList DIRECTORY=back_	ext{user} DUMPFILE=back1.dmp table_exists_action=replace}
\]

Omit the table parameter for all tables.

\[
\text{LINUX}> \text{ impdp user/password DIRECTORY=back_	ext{user} DUMPFILE=back1.dmp table_exists_action=replace}
\]