

Cross-database platform migration

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Main challenges when Migrate from Oracle to MariaDB

Oracle



- ☐ Data Type/Sequences
- ☐ Database Collation
- ☐ Database dictionary
- ☐ PL/SQL

MariaDB



- ☐ Data Type/Sequences using Oracle mode
- ☐ Collation/Character set compatible
- ☐ Information_schema dictionary
- ☐ Partly Oracle compatibly for PL/SQL

Tools

Open Source



- ☐ SQLines
- ☐ SymmetricDS

Commercial



- ☐ AWS DMS
- ☐ Oracle Golden Gate

References:

Links



AWS DMS -

https://docs.aws.amazon.com/dms/latest/userguide/CHAP_Introduction.html



SQLines - <http://www.sqlines.com/sqldata>



SymmetricDS - <https://www.symmetricds.org/>



Oracle Golden Gate -

https://docs.oracle.com/goldengate/1212/gg-winux/GWUAD/wu_about_gg.htm#GWUAD110

Demo

- Enough Talk!

Let's get our hands dirty!

