

Continuent Tungsten

Understanding Tungsten Replicator Commercial vs OSS Differences



Overview

Differences exist between the commercial and open source (OSS) releases of Tungsten Replicator™. These differences include support for different database types (both extraction and apply), and support for advanced deployment techniques, such as data concentration and automatic heterogeneous schema translation. These differences are detailed in the tables below.

Release and Availability

Feature/Item	Commercial	Open Source
Release frequency	Regularly (every 6 weeks)	Infrequent, dated release only
Continuent-built binaries available	•	•
Source code available		at Github

For commercial releases, software is only available with a suitable support contract, or during POC only.

Extraction Support

Feature/Item	Commercial	Open Source
MySQL 5.0-5.7	•	•
Percona Server	•	•
MariaDB	•	•
Oracle 9i-11g using CDC	•	•
Oracle 9i-12c using Oracle Redo Reader	•	
Amazon RDS	•	•
Amazon Aurora	•	•
Google Cloud SQL for MySQL	•	•

Applier Support

Feature/Item	Commercial	Open Source
MySQL 5.0-5.7	•	•
Percona Server	•	•
MariaDB	•	•
Oracle 9i-12c	•	•
HPE Vertica	•	•
HPE Vertica to single schema	•	
HPE Vertica [from MySQL] DDL translation	•	

Applier Support (cont.)

Feature/Item	Commercial	Open Source
Amazon Redshift	•	•
Amazon Redshift to single schema	•	
Amazon Redshift (from MySQL) DDL translation	•	
Hadoop (via HDFS/Hive)	•	•
MongoDB	•	•
Amazon Redshift	•	•
Apache Cassandra	•	•
Apache Kafka	•	
Elasticsearch	•	
PostgreSQL	•	
Amazon RDS	•	•
Amazon Aurora	•	•
Amazon S3	•	•

Filters

Filters available in commercial and not in OSS are listed in the table below:

Feature/Item	Commercial	Open Source
String Converter for MySQL Continuent Tungsten Sources [convertstringfrommysql]	•	
Core Filter Utility support [coreutils]	•	
Skip Rows per schema/table by a specific event type [Insert/Update/Delete] [skipeventbytype]	•	
Add source schema name to each row, used for data concentration [adddbrowname]	•	
Heterogeneous schema extraction and translation from source database [extract_schema_changes]	•	
Heterogeneous apply schema changes from extracted information [apply_schema_changes]	•	

Unless otherwise mentioned, all other filters are available in both releases.



About Continuent

Continuent Ltd. is a leading provider of database clustering and replication, enabling enterprises to run business-critical applications on cost-effective open source software. Our customers represent many innovative and successful organizations throughout the world, handling billions of transactions daily across a wide range of industries.

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