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BTR2SQL Version 6 Release Notes

New Features

- **Support for the latest RDBMS versions**
    - Microsoft SQL Server 2019
    - Oracle 19c
    - PostgreSQL 12
- **Multi-LOB Support** - In v5.3, we released Multi-LOB support for our MS-SQL driver. Now PostgreSQL and Oracle support Multi-LOB. This allows for the variable portion of a Btrieve record structure to support multiple binary segments that will be stored in SQL as independent columns, but addressable in Btrieve with the same offset based access that you're familiar with.
- **Oracle Unicode Support** - Some editions of Oracle utilize UTF-8 as the default character set. This default mode is now supported with the ability to read/write to nchar/nvarchar/nclob style columns.
- **XML Generation from DDFs** - This allows you to save all migration settings (starting from our defaults that are loaded from your DDFs) so that any customizations for your migration can be easily reproduced and your migration can be automated.
- **Extended Fetch Filter Limit Removed** - This used to have a Btrieve-imposed limit of 119. This artificial limit has now been lifted.
- **Trimmed Multi-segment Queries** - This was first implemented in v5.3 for MS-SQL. It is now available in Oracle as well. This is a speed optimization that reduces roundtrips to the server for certain query operations. It is done silently in the background.
- **White Label Support** - Our drivers no longer contain Mertech company info. This keeps your implementation details private for a competitive advantage.
- **Migration Tool for Magic users** - Magic uniPaaS applications with multi-tenant data will find the MigrateUniPaasData tool much easier to use now that it ignores data files not defined in the folder being migrated.

Bugs Fixed

- **Oracle Fix:** "ORA-01400: cannot insert NULL" during Insert when having a Manual Value in AutoInc field.
- **Cache Size Wrong:** was not returning NotFound due to incorrect cache variables; make sure cache size is set correctly.
- **Triggers:** Enabling Triggers gets error in GUI when Case setting is different on the table. Triggers created with incorrect Case for identifiers when setting was not Upper

- **Oracle Fix:** "ORA-24795: Illegal COMMIT attempt made" error that might be caused when Load Data fails during migration.
- **E-SQL Fix:** A transaction may be left active when generating Scripts, causing side effects for later Embedded-SQL commands.
- **Large Query Exception:** An exception could occur for tables with a large number of fields due to improper internal buffer expansion.
- **Primary Index Fix:** Was not always being set properly.
- **PostgreSQL string issue:** Zeros are not allowed to be embedded in a string column; so, convert them to Spaces instead
- **Migration Fix:** Empty default values are now allowed through the XML interface

To take advantage of these new BTR2SQL features, download Version 6 of BTR2SQL from the Mertech website, and then install the application using your typical upgrade process. If you need help upgrading or implementing a feature, refer to the product documentation or contact us at support@mertechdata.com.