

FreeTDS

Perl DBI and Microsoft SQL Server

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Testing setup with tsql

Discover SQL server instances for server running on IP 10.10.6.6:

```
tsql -H 10.10.6.6 -L
```

TDS version

Selecting the correct TDS version can be the key to success in connecting to Microsoft SQL server.
For example with Microsoft SQL server version 10.50 and TDS version 7:

```
Error 20017 (severity 9):  
    Unexpected EOF from the server  
Error 20002 (severity 9):  
    Adaptive Server connection failed  
There was a problem connecting to the server
```

With TDS version 8 it connected just fine.

Date format

For further processing ISO dates are helpful and automatically provided by MySQL and PostgreSQL.

If you get dates in a format like "Feb 28 2007 12:00AM", you change the format in `/etc/freetds/locales.conf` like that:

```
[default]
date format = %Y-%m-%d %H:%M:%S
```

Switch from ODBC with Microsoft driver to FreeTDS

In this case you might see the following warning:

```
Setting of CS_OPT_TEXTSIZE failed.
```

Reference: <https://metacpan.org/pod/DBD::Sybase#Using-DBD::Sybase-with-MS-SQL>

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