

# TorneLIB\_Configuration - Configuration Content (Database)

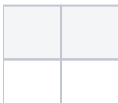
The configuration file of TorneLIB is written in JSON-style formatting like the example below, and should normally be put in `/etc` with the filename `tornevall_database.json` or `tornevall_database`

## Formatting of configuration

```
{
  "database": {
    "servers": {
      "localhost": {
        "user": "root",
        "server": "localhost",
        "password": "password"
      },
      "production": {
        "user": "root",
        "server": "remotehost",
        "password": "password"
      },
    },
    "config": {
      "exceptions": true,
      "forcenew": true,
      "mysql_deprecated": false,
      "timeout": 6,
      "authdetails": false,
      "mysqldriverpriority": ["mysqli", "pdo", "deprecated"],
      "blockoverride": []
    }
  }
}
```

TorneLIB configuration is using a bunch of defaults, but may be "overridden" through the configuration file. Some of those configuration rows may also be runtime set. Here's what the parameters doing

## Database configuration



## Base database configuration

Parameter	Type	Description
exceptions	boolean	Allow TorneLIB to throw exceptions into the client. If false, TorneLIB will silently avoid throwing exceptions when it's possible
forcenew	boolean	Force new database connection, each time we're trying to query a database (may sometimes be good during forkings, etc)
mysql_deprecated	boolean	The deprecated MySQL-driver is normally not accepted by TorneLIB, and it prefers to use the mysqli-driver instead. Setting this parameter to true accepts the deprecated driver
timeout	integer	Sets a timeout value to the database calls where it's possible. Sometimes there's a need for longer or shorter timeouts. This parameter changes this
authdetails	boolean	If this parameter is set to false, TorneLIB will return much lesser information on connection failures whether it is possible. Normally, drivers throw more details about what failed on a connection - this parameter suppresses that
mysqldriverpriority	object	Defines in which order TorneLIB should find a proper driver to use when connecting and makes queries to a MySQL-database. The preferred default order for TorneLIB is mysqli -> pdo -> the deprecated driver
blockoverride	object	Defines if anything in the configuration should be blocked from overriders. This is good if an attacker somehow got access to the site source code or similar but still has no access to the configuration file and tries to inject override commands into TorneLIB

