

EFI Metrix Tech Note:
Configuring Database Connection Defaults

Version 2020.2.0.539

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What it Is

Previously, Metrix always used 10, and sometimes as many as 20, connections to work with a Project. Metrix 2020.2.0.539 and newer starts with the minimum number specified, never exceeds the maximum specified, and releases connections when they are not in use. This allows configuring the database server with fewer connections. The maximum number of connections can never be less than 5.

In order to configure the Metrix database connection pool settings, you must edit the `metrix.properties` file, which is found in `C:\ProgramData\EFI\Metrix (Windows)` or `/Applications/EFI/Metrix (Mac)`.

How it Works

1. With Metrix not running, open `metrix.properties` in a text editor.
2. Add the following lines (values shown are the defaults):

Setting	Description
<code>DB.ConnectionTimeout=30</code>	Number of seconds to wait for a connection to be created
<code>DB.ConnectionIdleTimeout=600</code>	Number of seconds a connection is idle before it is released
<code>DB.MinConnections=2</code>	Minimum number of connections to have (may be 0)
<code>DB.MaxConnections=10</code>	Maximum number of connections to have, must be 5 or greater

3. Save the file.

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