

Explanation of messages in logs of applications based on FIX Antenna

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Introduction

In this article you can find description of errors, warning, debug and information messages which may be spotted in log files of applications based on FIX Antenna C++/.NET.

ERROR

- **Exception in Application::process() - "basic_string::_S_create"**

```
<Timestamp> ERROR [Engine] Session <Session_Name> : Exception in Application::process() -  
"basic_string::_S_create"
```

Description: It means that you've got an unhandled exception in your Application::process callback.

Troubleshooting steps: Handle this exception or fix an error which leads this exception.

WARN

- **Myricom DBL is not supported**

```
<Timestamp> WARN [Engine] Myricom DBL is not supported. Cannot load dynamic library: 'dbltcp.  
dll'. The specified module could not be found. (Error code = 126)
```

Description: These records in log file are about compiler options which were used to build FixAntenna library. FixAntenna checks if Myricom card is installed and available.

Troubleshooting steps: This doesn't indicate an issue. Please, ignore them.

- **Message queue was overflown**

```
<Timestamp> WARN [b2bits_mfix_instrument] orders CURR CETS|USD000UTSTOM: Message queue was  
overflown.
```

Description: This record appears when number of messages stored in recovery mode for the particular instrument becomes more than maximum.

Troubleshooting steps: You should increase MDAApplicationParams::incrementQueueSize_ parameter or handle messages quicker.