

How to enable throttling in FIX Antenna Java

FIX Antenna Java can prevent counterparty from sending a huge amount of messages. FIX Antenna can control message flow and disconnect FIX session if it exceeds the threshold.

It needs to set few options in session configuration to enable and control throttling:

```
// Enables throttling checks mechanism
typethrottleCheckingEnabled=true

// Defines threshold for New Order messages
throttleChecking.D.threshold=5

// Checking timeframe size in milliseconds
throttleCheckingPeriod=1000
```

If the throttling mechanism is enabled, FIX session counts a number of messages by types during every timeframe, defined by [throttleCheckingPeriod](#) option. If during such period there are more messages, then defined in [throttleChecking.MST_TYPE.threshold](#) option, the session will be disconnected with a [THROTTLING](#) disconnect reason. Counterparty also receives a message like "Throttle checking exceeds the limit for msgType: D; 10/5"