

Pragmatix Trade Router

Version 1.4 Release Notes

19 May 2008

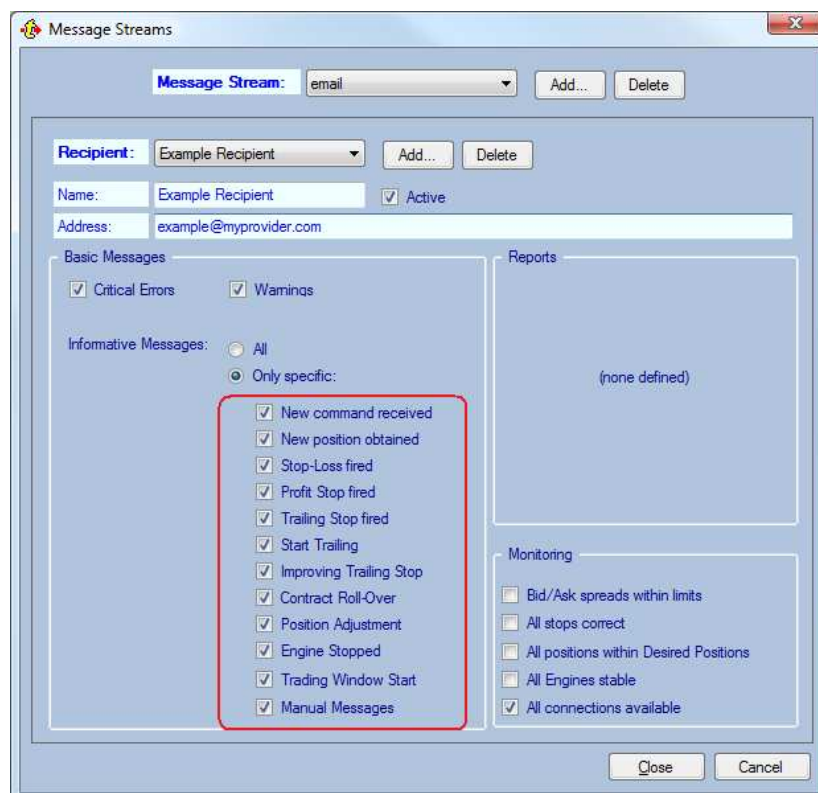
Introduction

This document describes the changes and improvements in the Pragmatix Trade Router software with respect to the previous version, 1.3. The Trade Router version number is shown in the application's startup screen. Alternatively, you can see the version number in the Help/About window.

New Features

Extended filtering of external messages

When 'Information' type messages are to be sent to the outside world, filtering has been limited to a few common subtypes, thus far. From version 1.4, all subtypes can be filtered. Filtering can be set via menu Configuration/Messages.



Connection status check at start of Trading Window

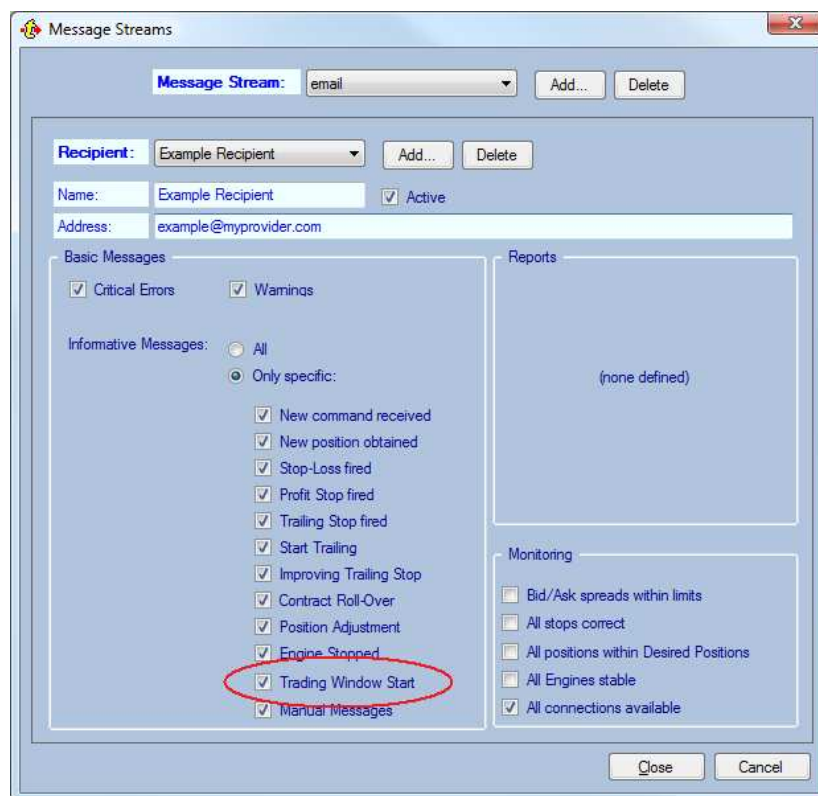
Each Trade Engine can have a Trading Window; only SetDesiredPosition-commands that are entered within that window will be accepted.

When the Trading Window starts, it is important to be notified of any connection problems. Therefore, we added an 'Information' message and a 'Critical Error' message. The possible messages are:

16:38:00 Trading window has started; connection 'IB2' is available
16:45:00 Trading window has started; connection 'IB2' is not available

The 'Information' message can be filtered from the stream of external messages; you can enable or disable this message via menu option Configuration/Messages, option 'Trading Window Start', as indicated in the image below.

The 'Critical Error' message is sent out always, as long as the 'Critical Errors' check box is checked.



Note that, when Trading Windows from different Trade Engines (for the same broker connection) start simultaneously, only a single message is sent out.

Explicit stop-loss and profit stop levels maintained during restart

When a Desired Position is received with an explicit stop-loss or profit stop level, these stops will no sooner be used than when the first fill comes in for the Position order. For example, when the price of an instrument is at 29.50 and you submit a Desired Position with a limit order of 29.40, a stop-loss of 29.00 and a profit stop of 30.00, those two stops will only be submitted once (part of) the buy order has been filled. Until that fill, the system memorizes the explicit stop levels.

There is only one flaw in this approach: when the Trade Router is restarted before the first fill of the limit order comes in, no record was made of the explicit stop levels – once the fill comes in, stops are calculated automatically, as if the explicit levels were never mentioned.

From version 1.4 on, this has been fixed. Explicit stop level are persisted on disk, and read back whenever a restart is made. Once the stops are actually submitted, the information is removed from disk, as the explicit stops are recorded in the order database.

Bug fixes

Exchange response times > 1,000 msecs

The Monitor window shows exchange response times, as measured by the Trade Router. These response times fall usually in the range of 100-500 milliseconds. Under certain circumstances however, those response times can exceed the 1,000 millisecond limit, and then the response times were shown incorrectly. This issue has now been fixed; response times are shown correctly in all cases.