



bluedot

What is the Log Monitor?

- Log Monitor is an application for monitoring and analysing the error logs produced by Movex™ Java
- It provides pro-active alerts by email, so that important errors don't go unnoticed
- An easy to use GUI with advanced filters makes it simple to analyse the logs

From experience...

- In many Movex™ installations, the error logs are not monitored
- Important errors are often missed, and this can lead to:
 - Possible corruptions of data
 - Difficulties in supporting operations
- Where log files are being examined, it often takes too much time to make any detailed analysis

How does Log Monitor work?

- There are two modes of operation supported by the Log Monitor
 - Interactive
 - This provides a GUI with filtering capabilities to give a combined view over the log files
 - Headless (or background)
 - This constantly monitors the logs for new entries, and provides email alerts when a new error is detected
- Both modes have extensive filtering capabilities, to filter out “pseudo errors”

One consolidated view

A single consolidated view of the log files makes for easy analysis



Interactive

Batch

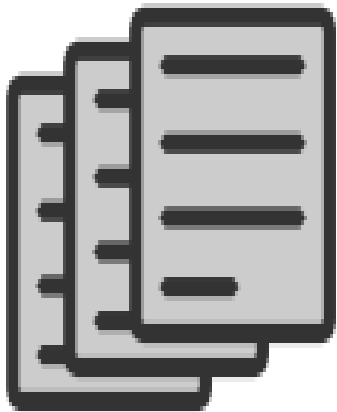
Auto-start

Supervisor

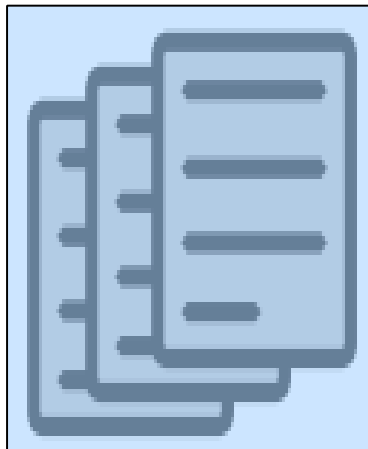
MI/API

Filter by subsystem

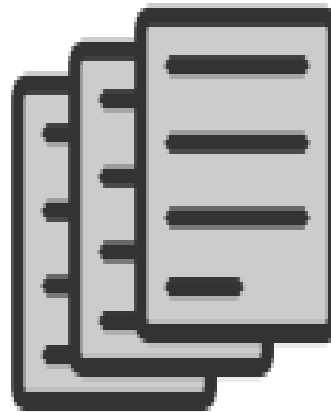
Filtering for specific subsystems is also easy to achieve



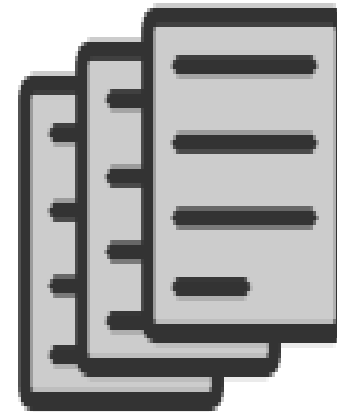
Interactive



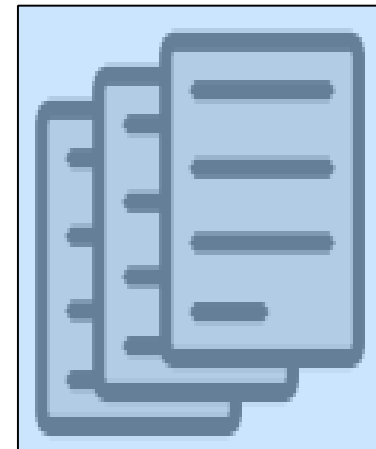
Batch



Auto-start



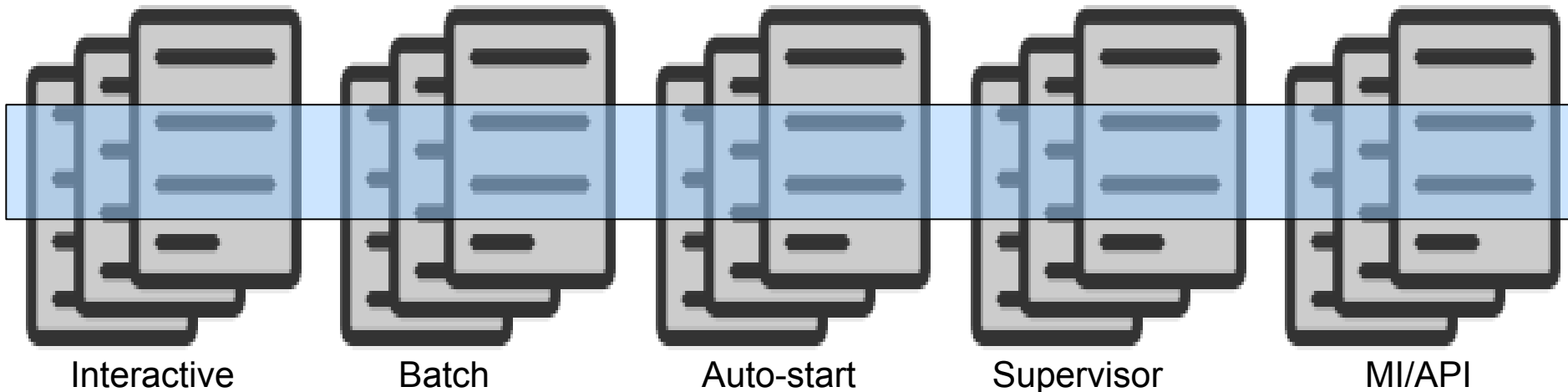
Supervisor



MI/API

Date and Time filters

Date and time filters can be applied, either by a number of hours or date/time range



Interactive

Batch

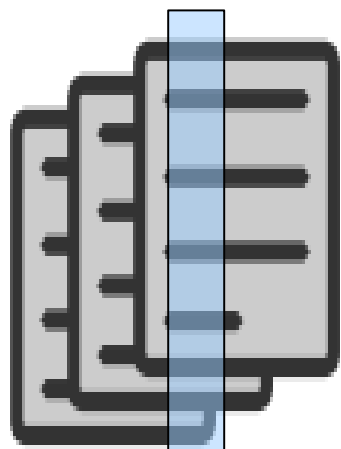
Auto-start

Supervisor

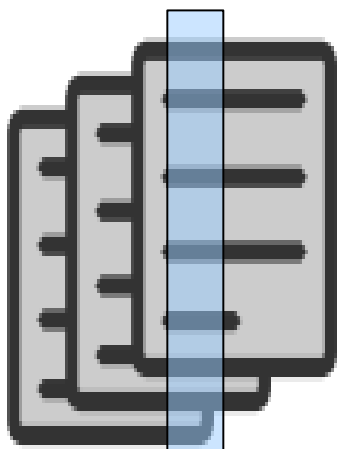
MI/API

Message type filters

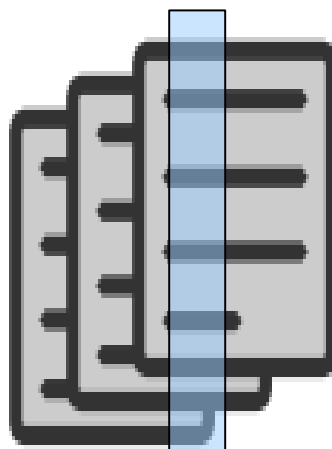
Message type filters allow you to focus on just the errors



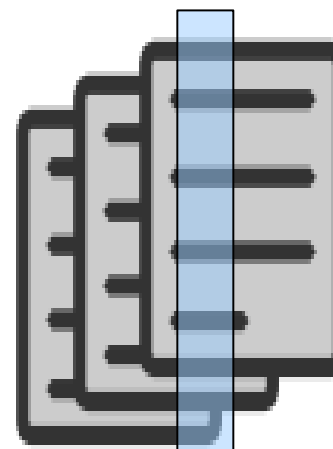
Interactive



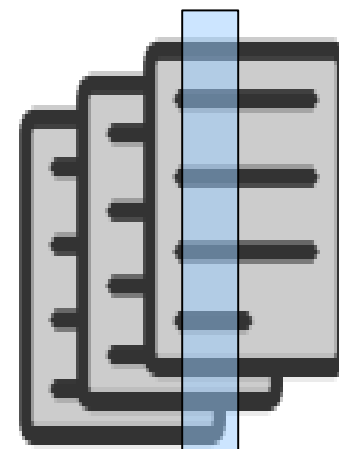
Batch



Auto-start



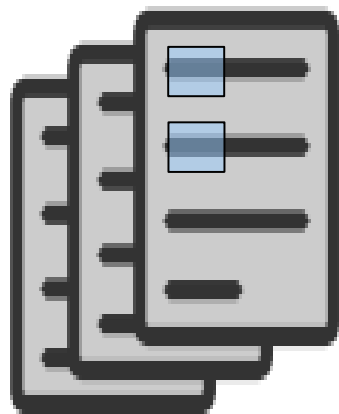
Supervisor



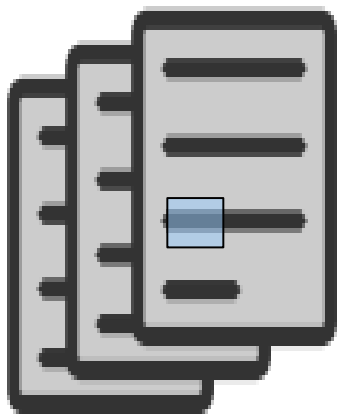
MI/API

Text filters

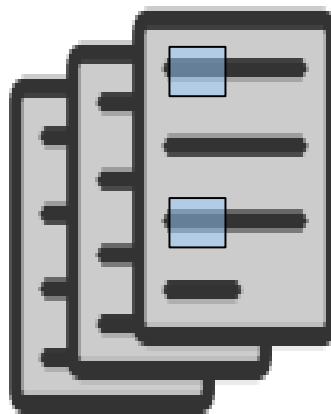
Text filters allow you to remove messages that match text string values



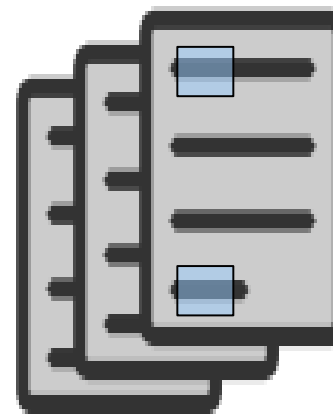
Interactive



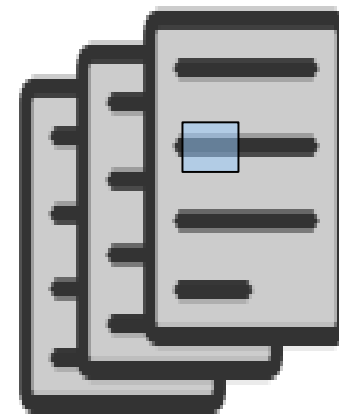
Batch



Auto-start



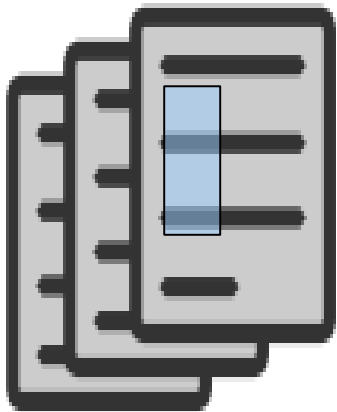
Supervisor



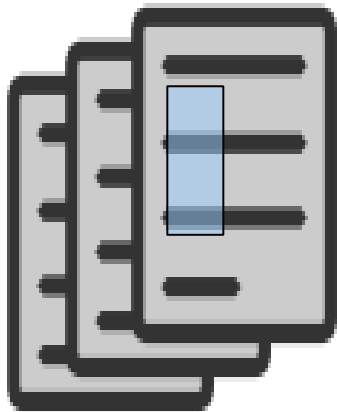
MI/API

Combined filters

Naturally, all filters can be combined to provide the view you need



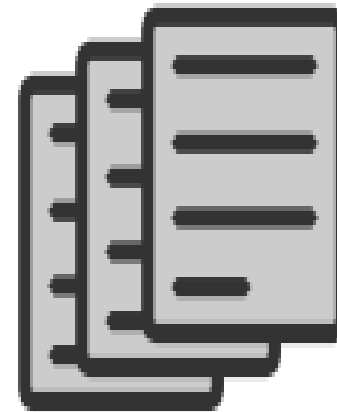
Interactive



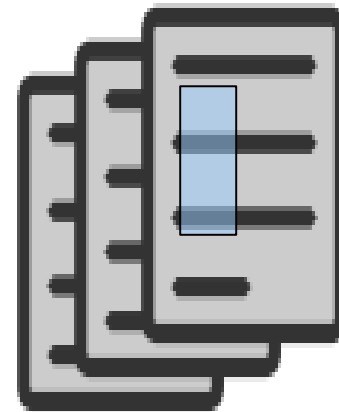
Batch



Auto-start



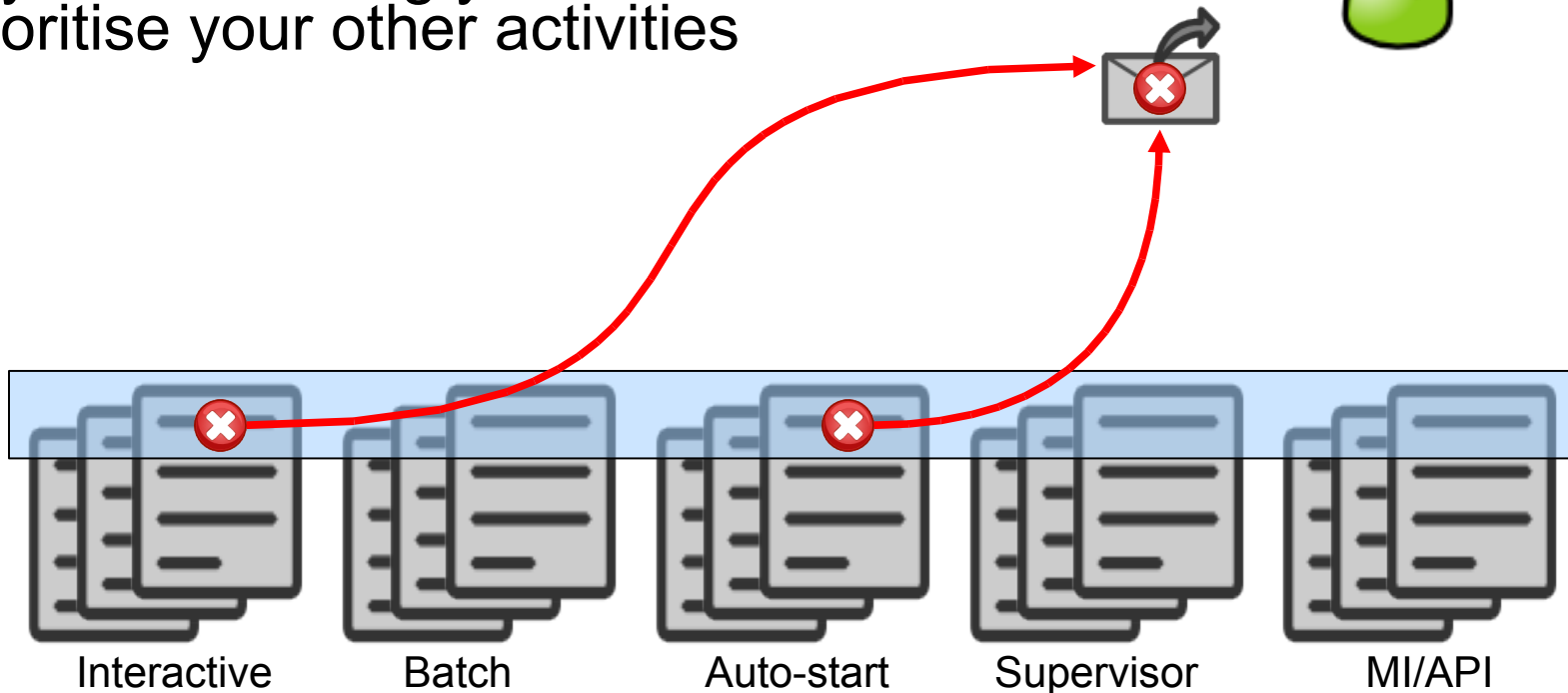
Supervisor



MI/API

Alerts by Email

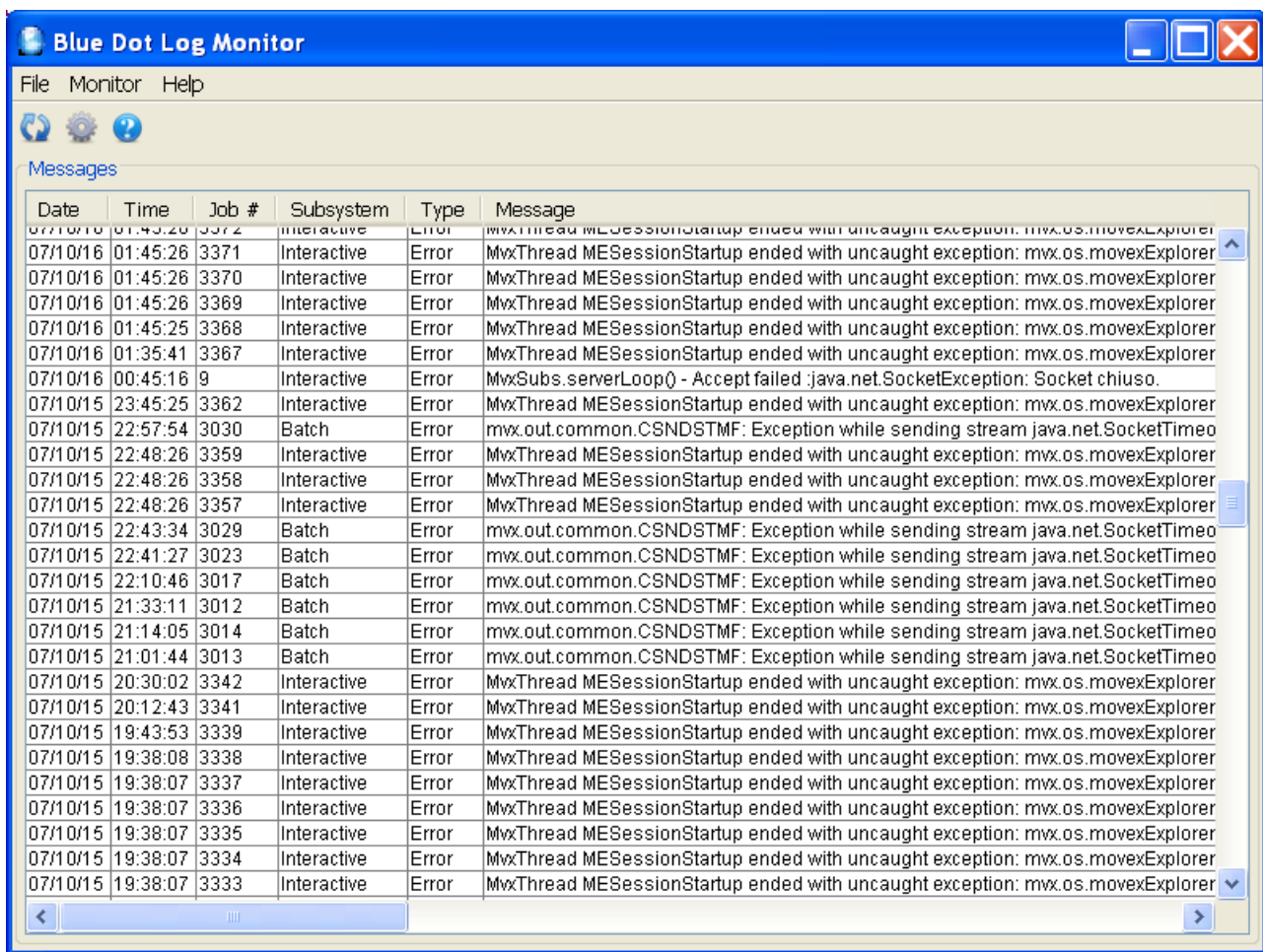
The Log Monitor will notify you of any errors leaving you free to prioritise your other activities



Log Monitor

Screen Shots

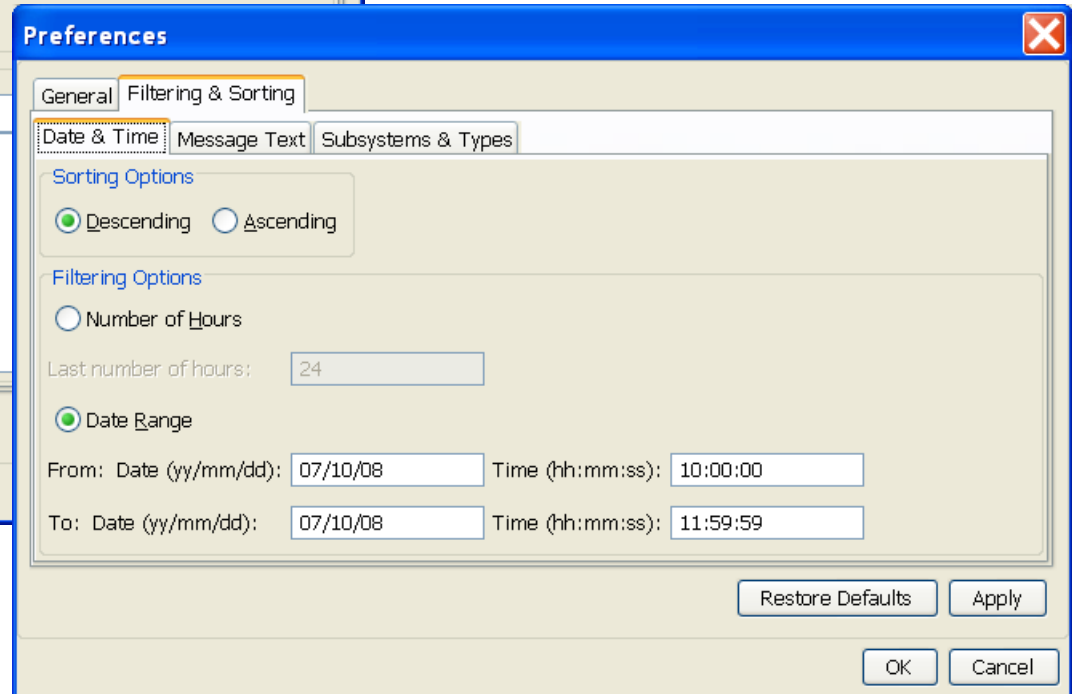
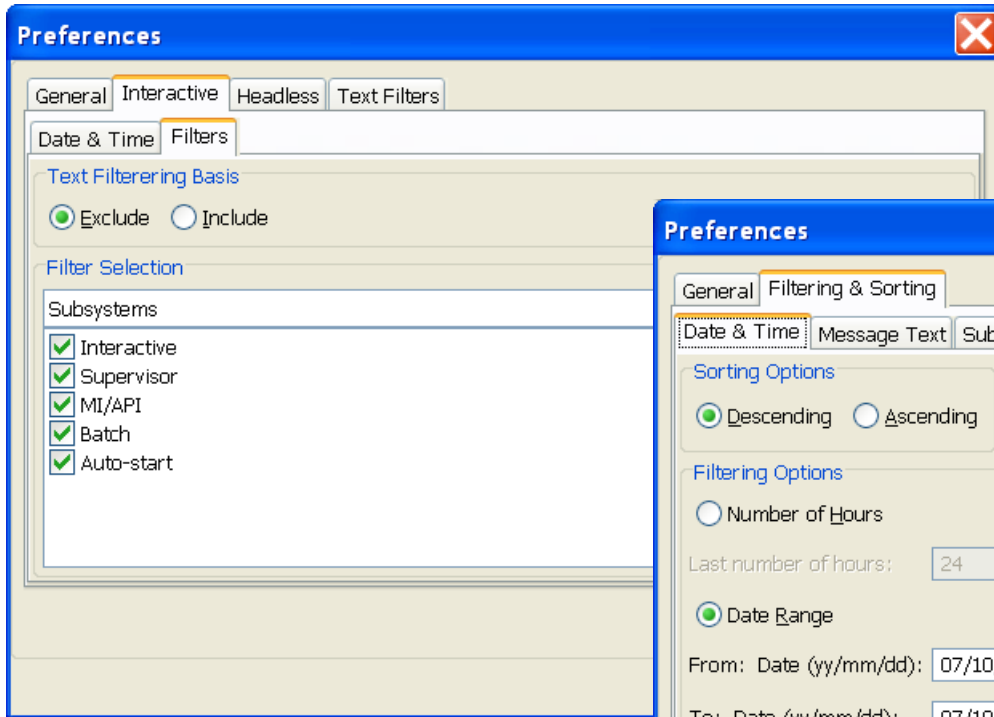
List View



The screenshot shows the Blue Dot Log Monitor application window. The title bar reads "Blue Dot Log Monitor" and includes standard window controls. The menu bar contains "File", "Monitor", and "Help". Below the menu bar are three icons: a refresh icon, a gear icon, and a help icon. The main area is titled "Messages" and contains a table with the following columns: Date, Time, Job #, Subsystem, Type, and Message. The table lists 30 log entries, all of which are errors. The messages are categorized by subsystem: Interactive, Batch, and MvxThread. The messages describe session startup failures, socket exceptions, and stream sending errors.

Date	Time	Job #	Subsystem	Type	Message
07/10/16	01:45:26	3372	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/16	01:45:26	3371	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/16	01:45:26	3370	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/16	01:45:26	3369	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/16	01:45:25	3368	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/16	01:35:41	3367	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/16	00:45:16	9	Interactive	Error	MvxSubs.serverLoop() - Accept failed :java.net.SocketException: Socket chiuso.
07/10/15	23:45:25	3362	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/15	22:57:54	3030	Batch	Error	mxv.out.common.CSNDSTMF: Exception while sending stream java.net.SocketTimeo
07/10/15	22:48:26	3359	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/15	22:48:26	3358	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/15	22:48:26	3357	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/15	22:43:34	3029	Batch	Error	mxv.out.common.CSNDSTMF: Exception while sending stream java.net.SocketTimeo
07/10/15	22:41:27	3023	Batch	Error	mxv.out.common.CSNDSTMF: Exception while sending stream java.net.SocketTimeo
07/10/15	22:10:46	3017	Batch	Error	mxv.out.common.CSNDSTMF: Exception while sending stream java.net.SocketTimeo
07/10/15	21:33:11	3012	Batch	Error	mxv.out.common.CSNDSTMF: Exception while sending stream java.net.SocketTimeo
07/10/15	21:14:05	3014	Batch	Error	mxv.out.common.CSNDSTMF: Exception while sending stream java.net.SocketTimeo
07/10/15	21:01:44	3013	Batch	Error	mxv.out.common.CSNDSTMF: Exception while sending stream java.net.SocketTimeo
07/10/15	20:30:02	3342	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/15	20:12:43	3341	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/15	19:43:53	3339	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/15	19:38:08	3338	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/15	19:38:07	3337	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/15	19:38:07	3336	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/15	19:38:07	3335	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/15	19:38:07	3334	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer
07/10/15	19:38:07	3333	Interactive	Error	MvxThread MESSessionStartup ended with uncaught exception: mxv.os.movexExplorer

Setting Filters



Benefits

- Less time spent in system administration
 - Less time in system administration means more time to do the things you should be spending time on
- Earlier notification (and hence resolution) of problems
 - The sooner you know about a problem, the sooner you can notify support. It's easier to resolve an issue if evidence still exists
- Easier to spot trends in errors (time, type etc.)
 - Are the same errors happening repeatedly?
 - Are the same errors occurring at the same time each day?
- Consolidated view over all errors
 - All information in one consolidated view makes life easier



blue dot

IBM

Business
Partner