

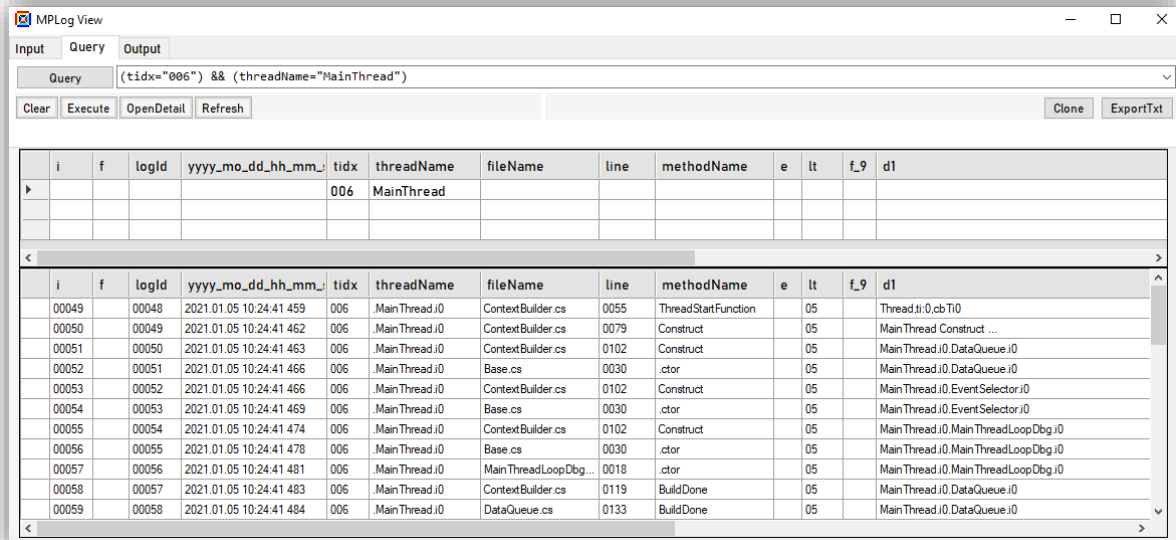
# MPLog View

0917266571  
info@mplog.eu  
mplog.eu

## DISCOVER MPLOG CSV LOG VIEWER & FILTER

MPLog View is a simple and intuitive GUI application for developers and administrators.

It can easily filter log events by the query with AND / OR combination. It is the fastest CSV Log Viewer, which can filter logs and jump to source code. File formats are automatically detected, and compressed files are unpacked on the fly. Bookmarks and user comments help you track important log entries. MPLog View easily monitor log files and set email notifications. No installation or infrastructure is required to use MPLog View.



The screenshot shows the MPLog View application window. At the top, there are tabs for 'Input', 'Query', and 'Output'. The 'Query' tab is active, showing a filter query: `(tidx="006") && (threadName="MainThread")`. Below the query are buttons for 'Clear', 'Execute', 'OpenDetail', 'Refresh', 'Clone', and 'ExportTxt'. The main area displays a table of log entries with the following columns: i, f, logId, yyyy\_mo\_dd\_hh\_mm\_s, tidx, threadName, fileName, line, methodName, e, lt, f\_9, and d1. The table is filtered to show only entries where tidx is '006' and threadName is 'MainThread'.

i	f	logId	yyyy_mo_dd_hh_mm_s	tidx	threadName	fileName	line	methodName	e	lt	f_9	d1
				006	MainThread							
00049	00048	2021.01.05 10:24:41 459	006	.MainThread.i0	ContextBuilder.cs	0055	ThreadStartFunction	05				Thread.i:0.cbT10
00050	00049	2021.01.05 10:24:41 462	006	.MainThread.i0	ContextBuilder.cs	0079	Construct	05				MainThread Construct ...
00051	00050	2021.01.05 10:24:41 463	006	.MainThread.i0	ContextBuilder.cs	0102	Construct	05				MainThread.i0.DataQueue.i0
00052	00051	2021.01.05 10:24:41 466	006	.MainThread.i0	Base.cs	0030	ctor	05				MainThread.i0.DataQueue.i0
00053	00052	2021.01.05 10:24:41 466	006	.MainThread.i0	ContextBuilder.cs	0102	Construct	05				MainThread.i0.EventSelector.i0
00054	00053	2021.01.05 10:24:41 469	006	.MainThread.i0	Base.cs	0030	ctor	05				MainThread.i0.EventSelector.i0
00055	00054	2021.01.05 10:24:41 474	006	.MainThread.i0	ContextBuilder.cs	0102	Construct	05				MainThread.i0.MainThreadLoopDbg.i0
00056	00055	2021.01.05 10:24:41 478	006	.MainThread.i0	Base.cs	0030	ctor	05				MainThread.i0.MainThreadLoopDbg.i0
00057	00056	2021.01.05 10:24:41 481	006	.MainThread.i0	MainThreadLoopDbg...	0018	ctor	05				MainThread.i0.MainThreadLoopDbg.i0
00058	00057	2021.01.05 10:24:41 483	006	.MainThread.i0	ContextBuilder.cs	0119	BuildDone	05				MainThread.i0.DataQueue.i0
00059	00058	2021.01.05 10:24:41 484	006	.MainThread.i0	DataQueue.cs	0133	BuildDone	05				MainThread.i0.DataQueue.i0

# Features

## **FAST CSV LOG FILE VIEWER**

MPLog Viewer & Filter is very fast and quick due to its simple system design. It can open any csv log file within milliseconds.

## **LOG ENTRIES FILTERING**

Filter log events by simple query, combine filters with AND / OR operations to create complex queries.

## **JUMP TO SOURCE CODE**

It can easily jump to source code in Microsoft Visual Studio and others with simple mouse click to a specific cell.

## **FILE FORMATS**

File formats are automatically detected and compressed files are unpacked on the fly. Just load your log file directory with simple button.

## **MULTIPLE LOG FILES**

MPLog View can open many log files from one directory at once. All log files from specific directory are saved in input files.

## **HISTORY**

It can remember all your performed actions, such as log files and filter queries. They are stored in the menu item near the specific button.

# Why logging?

## WHY DO YOU NEED A LOG VIEWER?

Each software always has at least 1 error, usually more. Fixing the bug is usually a difficult task. Fixing bugs is also a challenging task for experienced programmers and developers and it takes much time and costs money. The extra money that was not anticipated.

Developers too often analyze log files using a text editor only. It is not very effective in complex multi-threaded applications. The number in the logged line of the log is very helpful as well as the depth of the stack nesting. The file name, line number, and method name are standard for each logger.

## WHY IS LOGGING USEFUL?

Logging is useful in all non-trivial applications especially in real time applications. In the case of an error the logged exception will tell you the state of the program at the exact point of failure. If we had no log files, then we would have to depend only on the customer's or the support team's description of what happens in what case.

Logging is helpful for the information you cannot get at the time of failure. In the first step:

- ✚ Capture stack traces
- ✚ Capture what data was being processed when your application crashed
- ✚ Remember, debuggers only help if they are present when the crash happens

# Logging Standard

## LOGGING STANDARD

Logging is essential, there is a standard RFC\_5424 on how to log from applications. The main part here is the severity of logs as listed below:

- ✚ 0 **Emergency:** the system is unusable
- ✚ 1 **Alert:** action must be taken immediately
- ✚ 2 **Critical:** critical conditions
- ✚ 3 **Error:** error
- ✚ 4 **Warning:** warning
- ✚ 5 **Notice:** normal but significant
- ✚ 6 **Informational:** informational
- ✚ 7 **Debug:** debug-level messages

# Key Shortcuts

Keyboard Shortcuts for MPLog View	
CTRL + ALT	Move cell to filter grid
CTRL + ALT	Move cell to filter grid
CTRL + ALT	Move cell to filter grid
CTRL + ALT	Move cell to filter grid
CTRL + ALT	Move cell to filter grid
CTRL + ALT	Move cell to filter grid
CTRL + ALT	Move cell to filter grid
CTRL + ALT	Move cell to filter grid
CTRL + ALT	Move cell to filter grid
CTRL + ALT	Move cell to filter grid
CTRL + ALT	Move cell to filter grid
CTRL + ALT	Move cell to filter grid
CTRL + ALT	Move cell to filter grid
CTRL + ALT	Move cell to filter grid
CTRL + ALT	Move cell to filter grid

