

# FusionReactor Webinar: Making the Most of FusionReactor's Logs

**INTERGRAL**  
information solutions

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## Introductions



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(Focused on server troubleshooting)

# Agenda

- Foreword
- About FR logs
- Accessing them via the FR UI or file system
- Finding online help for the FR logs
- Importing them into Excel, OpenOffice Calc, etc.
- Using the free MS LogParser tool
- Using other log viewing tools
- Using FusionAnalytics
- Questions & answers

# Foreword

- Audience: presumed to already be using FR
  - But perhaps not using it, and especially logs, to fullest extent
  - Or not yet using/appreciating many tools for working with them
- Concepts apply generally to any Java/CFML server that FR can monitor
- Preso is being recorded, so you will be able to revisit details

## About FR logs

- What they track
- Why they're useful, especially post-crash
- How often they're updated
- How long they are kept
- Common options to configure them

## Accessing them via the FR UI or file system

- Accessing current hour's logs
  - In file system:
  - In UI: FusionReactor>Logs
- Accessing previous hours/days logs
  - In file system
  - In UI: Logging>Archives

## Finding online help for the FR logs

- Use FR UI's FusionReactor>Help menu
  - Then choose FusionReactor User's Guide>Logging>Log Files Available in FR
- Notice that there's a help file for each FR log
  - Help file shows for each column: title, relative number/cell label, description

## Importing them into Excel, OpenOffice Calc, etc.

- Can either import a given file, or copy/paste text
  - Can be done in either MS Excel, OpenOffice Calc (Libre Office), Google Sheets, and more
  - Will discuss steps for Excel, easily translated to other spreadsheet apps
- For import:
  - Copy or extract a log file from the server log location, placing it to be accessible to Excel
  - Use Excel's File>Open, and navigate to file folder. Choose "all files" for "Files of Type"
  - Choose "delimited" (rather than "Fixed Width"), then "Next", then "Space", then "Finish"
- For copy/paste:
  - Copy FR log content from log to clipboard
  - In new worksheet, select cell A1, paste in content
  - Use Data>Text To Columns
  - Tip: once you have pasted/converted to text once, next paste will auto-convert



## Analyzing FR logs files with Excel, etc.

- Quickest benefit: can more easily see the columns separated out
  - Again note that FR online help for logs tracks Excel columns header
- Tips for resizing, formatting columns
- Log header files
  - <https://github.com/JCSuthe/Fusion-Reactor-Coldfusion-Log-Tools>
- Sorting, filtering
- Identifying unique values
- Using pivot tables (or “Data Pilots” in OpenOffice Calc)

# Using the free MS LogParser tool

- Free tool for querying/reporting against log files
  - From command line, using SQL
  - Again, need header files. See aforementioned open source project
  - Also available UI tools, like Log Parser Lizard
- For more see:
  - <http://www.carehart.org/logparser/>
  - [http://www.carehart.org/resourcelists/Using\\_LogParser\\_with\\_FusionReactor.cfm](http://www.carehart.org/resourcelists/Using_LogParser_with_FusionReactor.cfm)

## Using other log viewing tools

- Another way to render logs in columnar display
  - Not nearly as powerful as previous tools, typically
  - Though some do add useful filtering features
- See <http://www.cf411.com/logviewers>
  - Demo: csvfileview

# Using FusionAnalytics

- Sister product to FusionReactor
- Pulls FR logs into a database managed by FA
  - Data is aggregated, rolled up
- Provides alternative and still more-powerful UI than FR
- See <http://www.fusion-analytics.com/demo>
- Really worthy of its own webinar, TBD

## Conclusion

- So as you can see, there are many ways to use FR logs
  - Easy to access in UI or file system
  - Easy to understand with online help
  - Easy to view in spreadsheet or logviewer tools
  - Easy to analyze in spreadsheet tools, logparser, or FusionAnalytics
- Great way to analyze processing, especially post-crash or for trends

## Other upcoming webinars

- Troubleshooting memory problems with FusionReactor – June 28, 10a ET
- Troubleshooting and Identifying Issues using FusionReactor 6 - Part 2 – TBA
- Registration: [www.fusion-reactor.com/webinars](http://www.fusion-reactor.com/webinars)
  - Recordings of past webinars also offered there

## Other FR resources

- **FR web site: [fusion-reactor.com](http://fusion-reactor.com)**
  - Downloads
  - Docs, videos, technotes, forums, and much more
- **Email: [sales@fusion-reactor.com](mailto:sales@fusion-reactor.com), [support@fusion-reactor.com](mailto:support@fusion-reactor.com)**
- **Phone: (978) 496-9990 (sales)**
- **Consulting assistance: [cfconsultant.com](http://cfconsultant.com)**
- We welcome your feedback on these or the other webinars, or any you would like to see

A photograph of three people in a dimly lit office or control room. They are seated at desks with large computer monitors. The person in the foreground is a man with glasses, looking intently at his monitor with his hand to his chin. The other two people are slightly behind him, also looking at their screens. The monitors display various data visualizations, including bar charts and maps. The scene is illuminated by desk lamps, creating a focused and professional atmosphere.

# Questions & Answers