

# in'side log - User Manual

smart integration

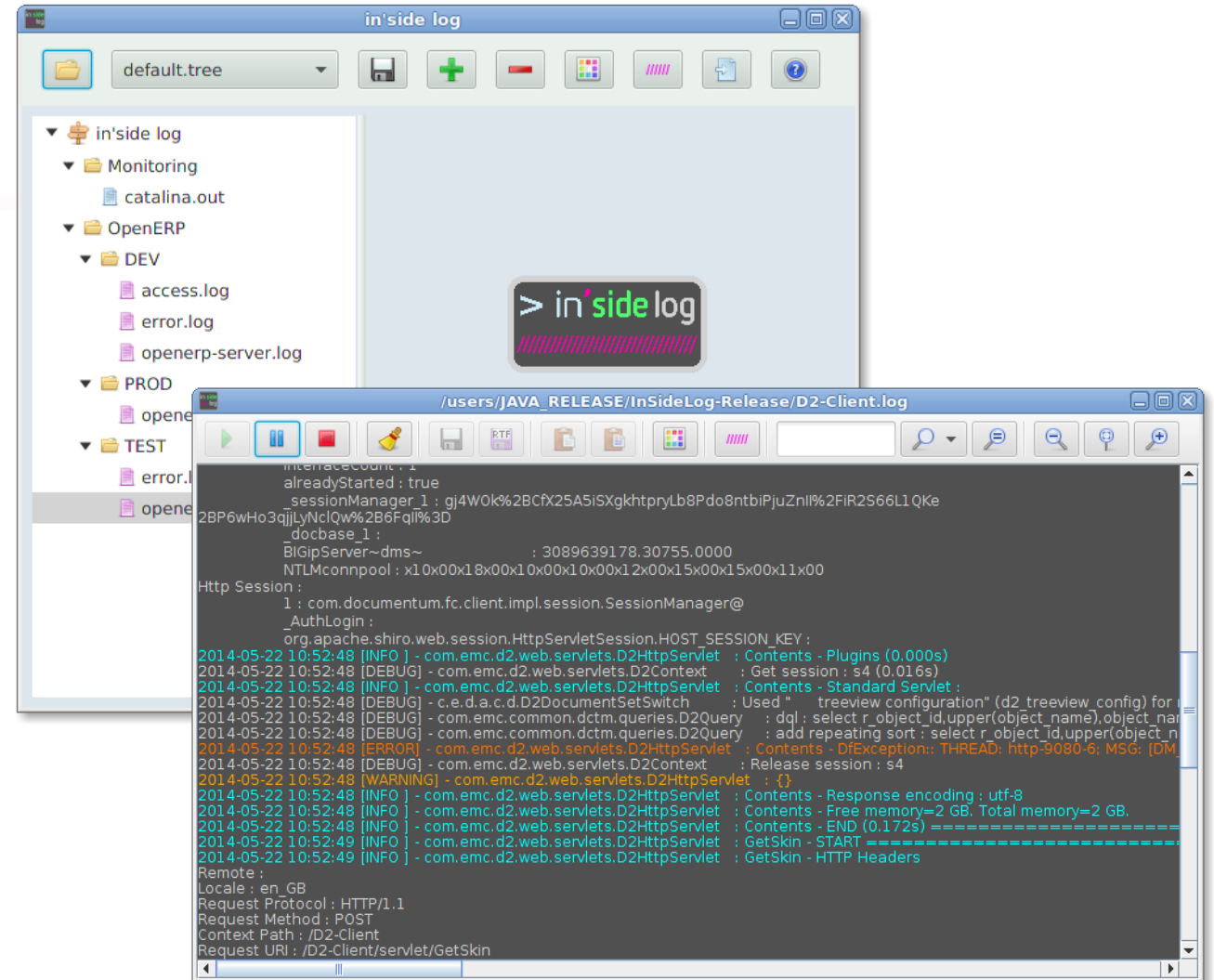
Created by [Philippe Schweitzer](#)

Visit [GitHub page](#)

in'side log – The colored log viewer v1.4

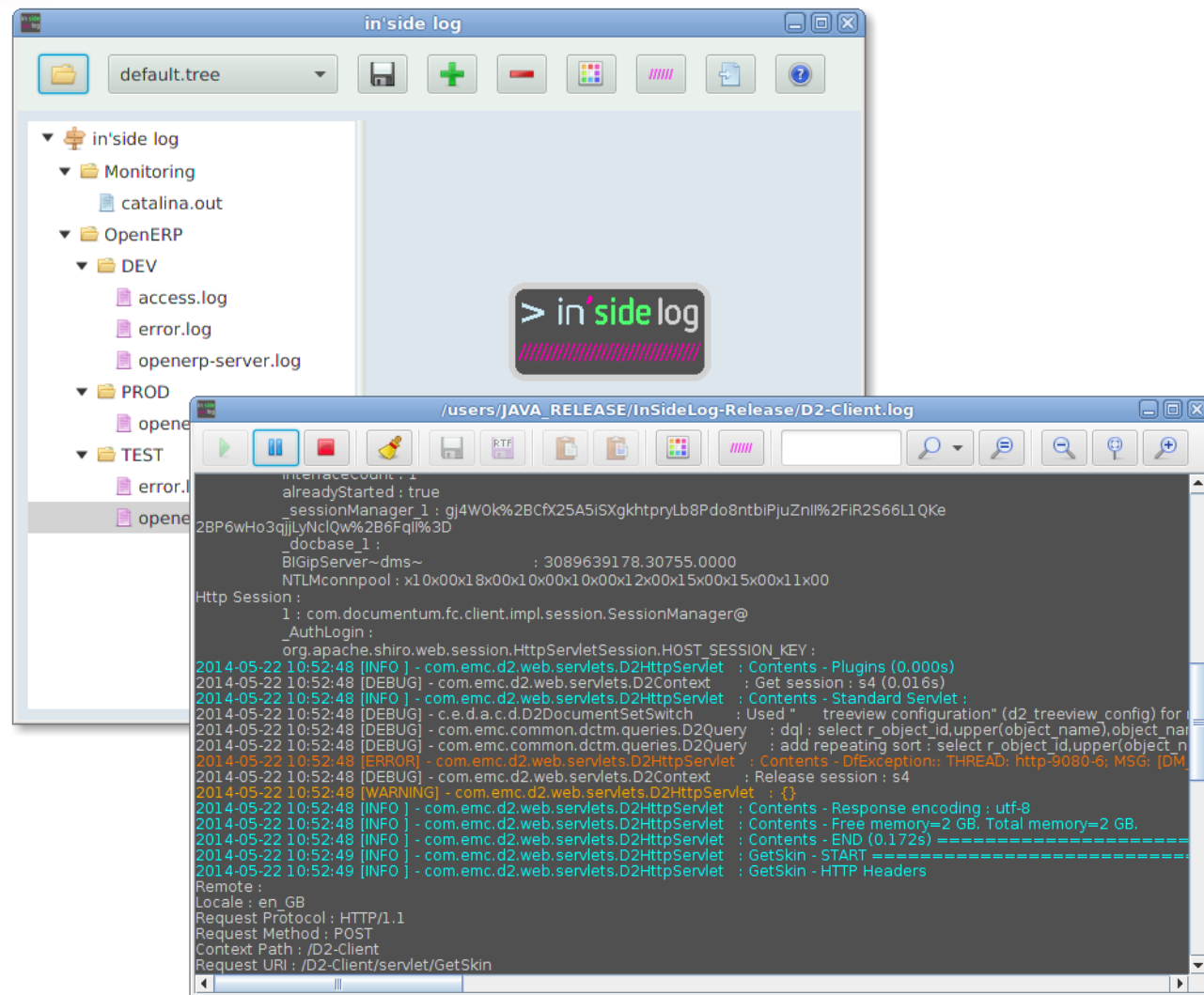
Released under Apache v2 License

**Many thanks to all contributors !**



### Key features

- > Real-time log viewer
- > Simultaneously for multiple files
- > SSH integration for remote tail
- > Color configuration with pattern matching
- > Color templates management
- > File list organization
- > Start / Pause / Stop controls
- > Multi-charset automatic support
- > Save of read logs content
- > Offline reading of saved contents
- > Search / highlighting in content
- > Multi-platform (Windows, Linux, Mac)



Requires [java 8.0\\_60](#) or higher

If you experience some troubles or slowdowns, it is advised to setup Java max heap size to 1Go

-> Just use insidelog.bat or insidelog.sh

-> Or create a shortcut and fill-in/adapt following properties to your environment:

Target : C:\<path to java>\javaw.exe -Xmx1g -jar "C:\<path to in'side log>\insidelog.jar"

Start in : C:\<path to in'side log>

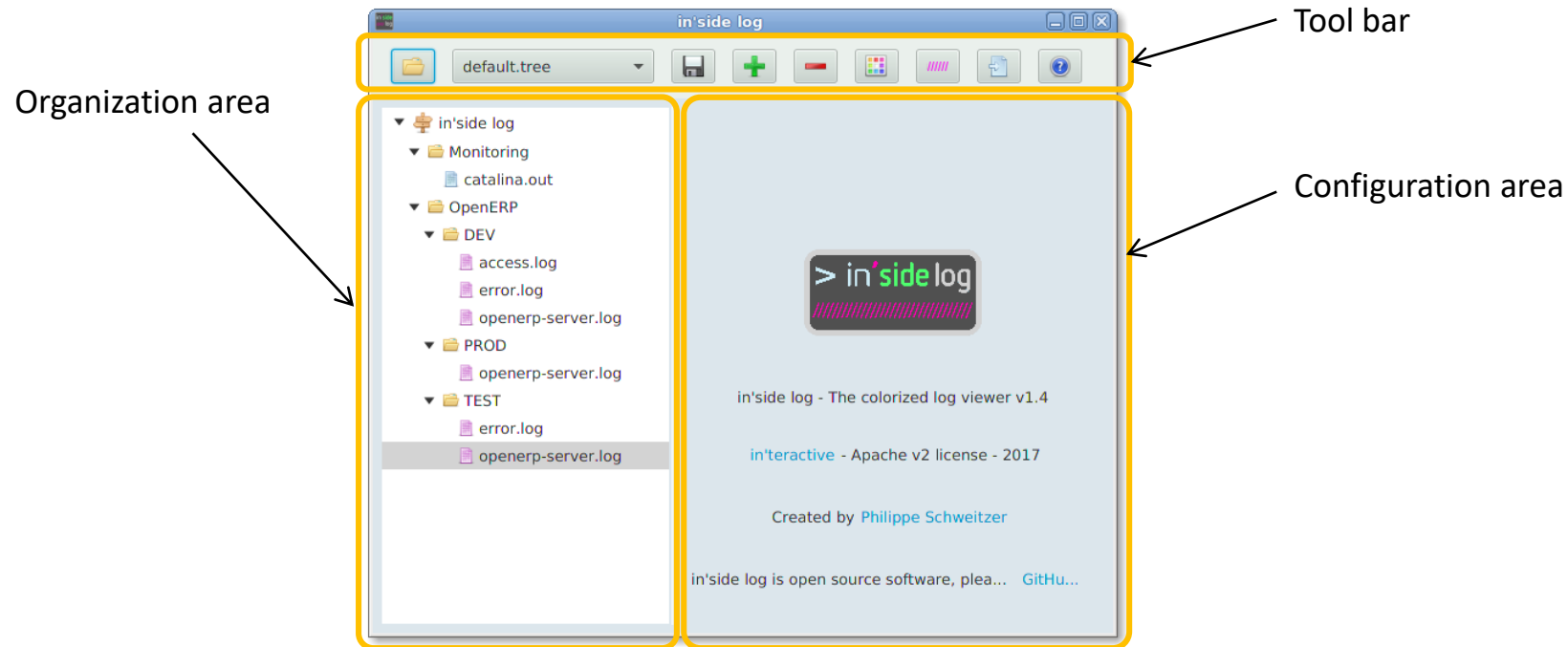


Run of in'side log on a production server is at your own risks.  
If you want to view log files from there, it is recommended to open  
a Read-Only shared folder over the network, or to use SSH .

# in'side log

## Overview

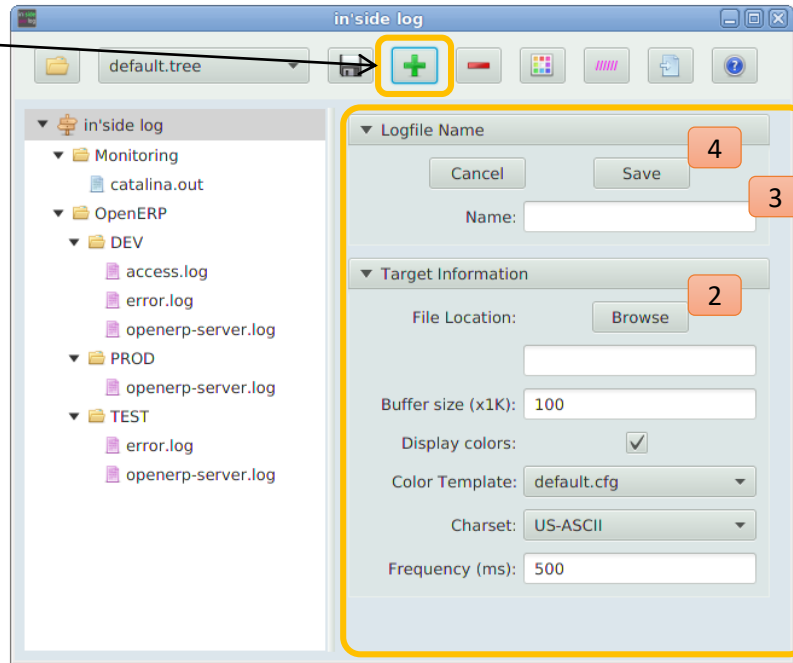
- “ Organization area ” allows to put configured files in a tree form organization
- “ Tool bar ” serves for selecting a “tree” file and perform common actions
- “ Configuration area ” allows to configure files to parse



- 1: Click on “ Add file ” button
- 2: Select file in file system with “ Browse ” button
- 3: Adjust name of file that will appear in file organization tree later on
- 4: Click “ Save ”. New file will appear in tree

Add file

1

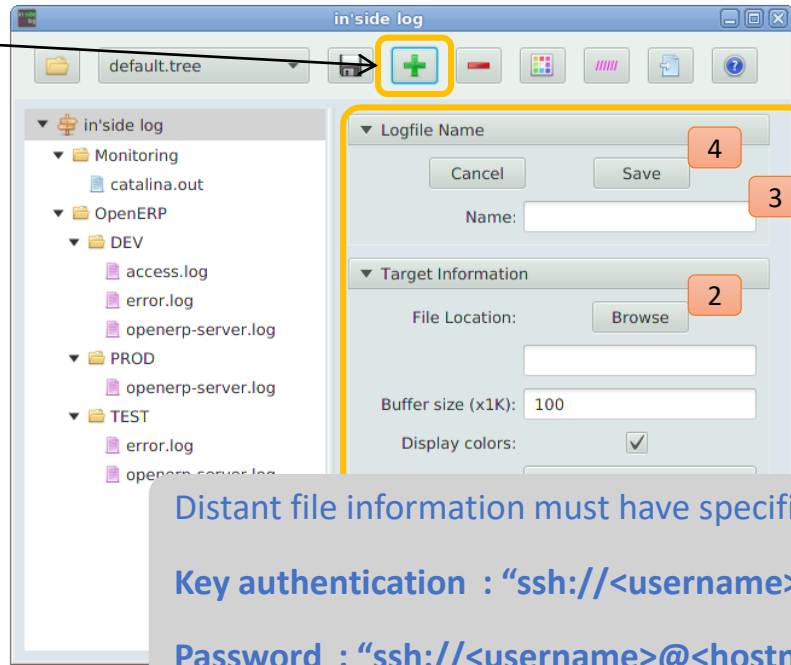


Configuration area

- 1: Click on “ Add file ” button
- 2: Enter distant file information
- 3: Adjust name of file that will appear in file organization tree later on
- 4: Click “ Save ”. New file will appear in tree

Add file

1



Configuration area

2

3

4

If <username> is present, you will be prompted only once for a password for a particular server

If <username> and <sshKeyPath> are present, you will not be prompted for a password

Distant file information must have specific syntax, and port information is optional for each:

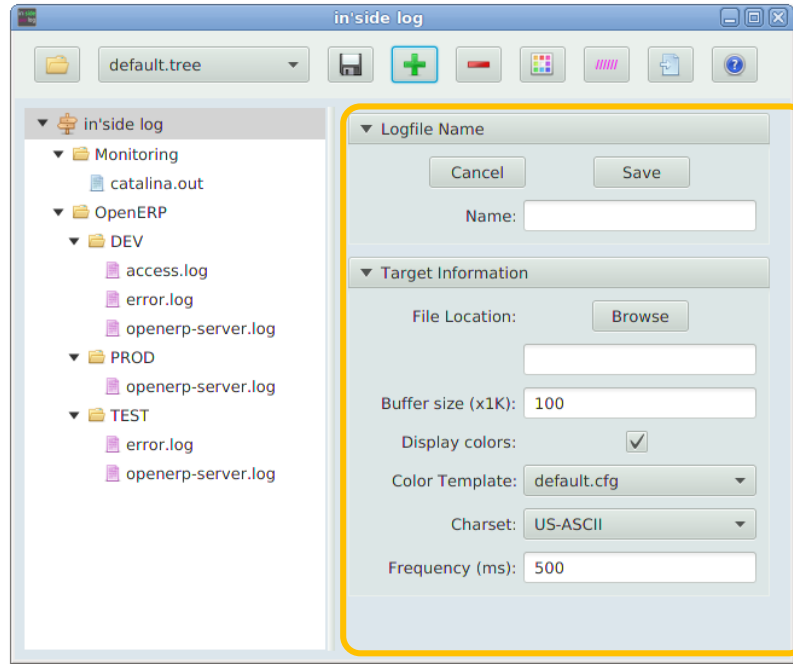
**Key authentication** : “ssh://<username>:<sshKeyPath>@<hostname>[:port]:<absolute file path>”

**Password** : “ssh://<username>@<hostname>[:port]:<absolute file path>”

**User/password** : “ssh://<hostname>[:port]:<absolute file path>”

« Color Template »  
are colorization rules  
applied to file

« Charset » is the  
character encoding of  
the file. Could be  
automatically found



Configuration area

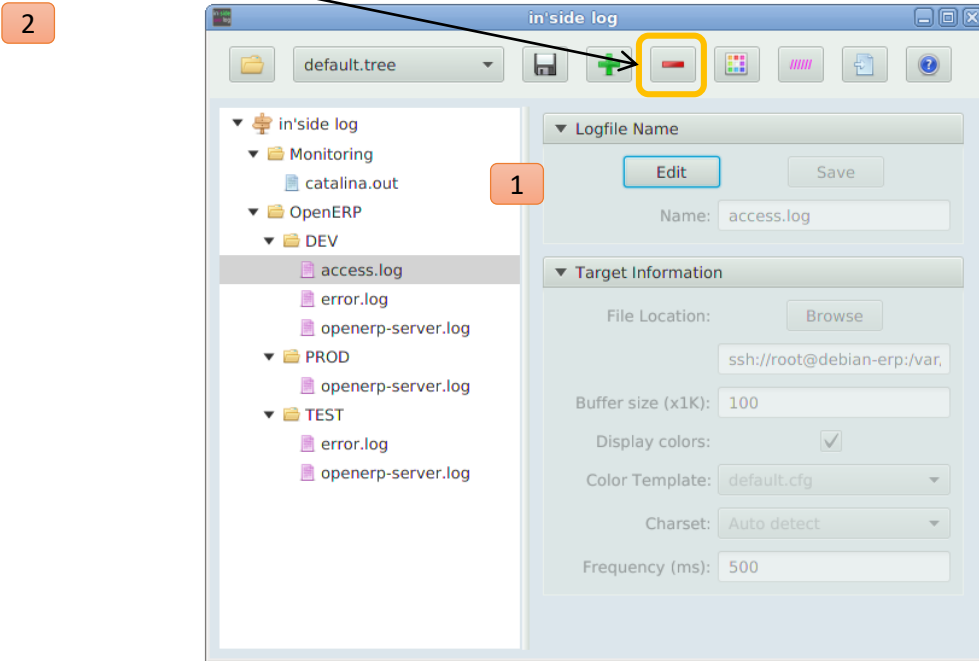
« Frequency » is the  
amount of time  
between each parsing  
process of the file

« Buffer size » is max  
number of lines  
displayed in log window  
( x1000 )

Impacts  
performance

- 1: Select one file or group
- 2: Click " Remove file " button

Remove file or group





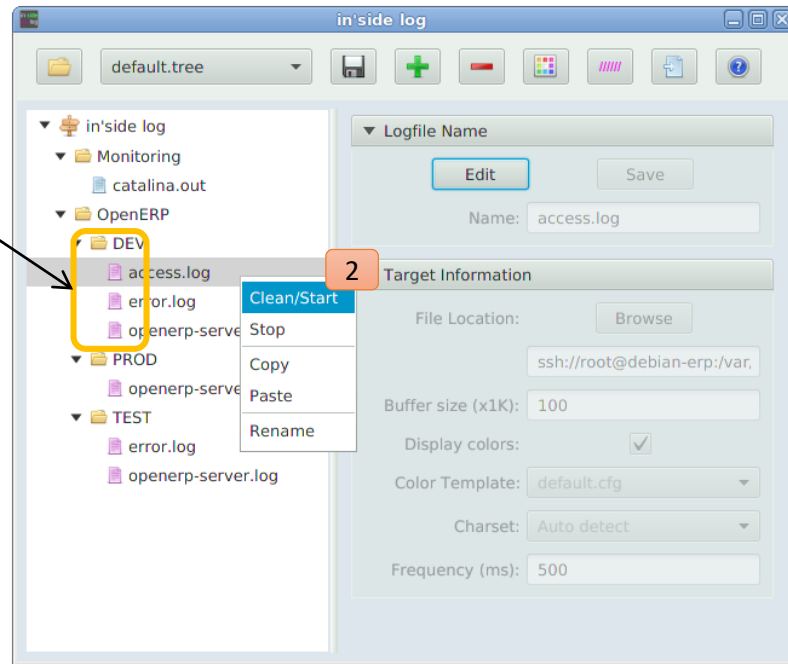
# in'side log

## File processing

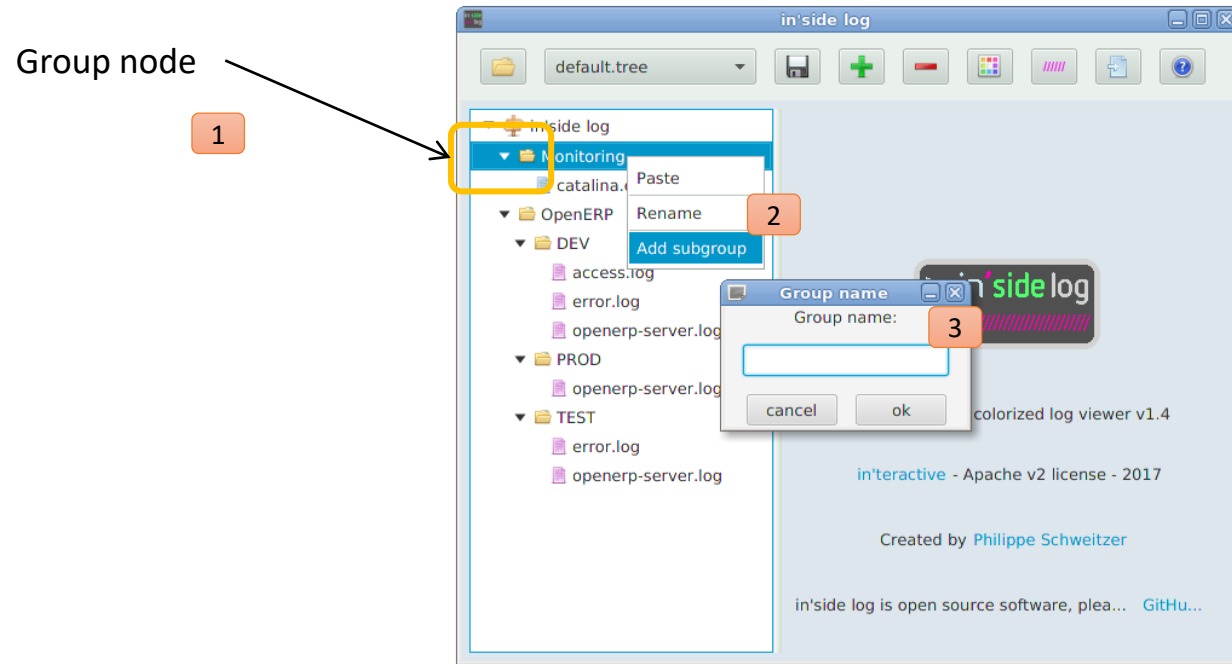
- 1: Double click on a file node
- 1: OR Right click on a file node
- 2: Click on "Clean/Start" menu.
- 3 File window opens

File node

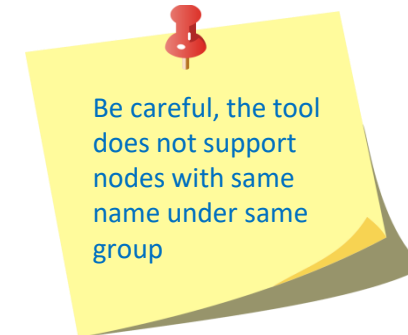
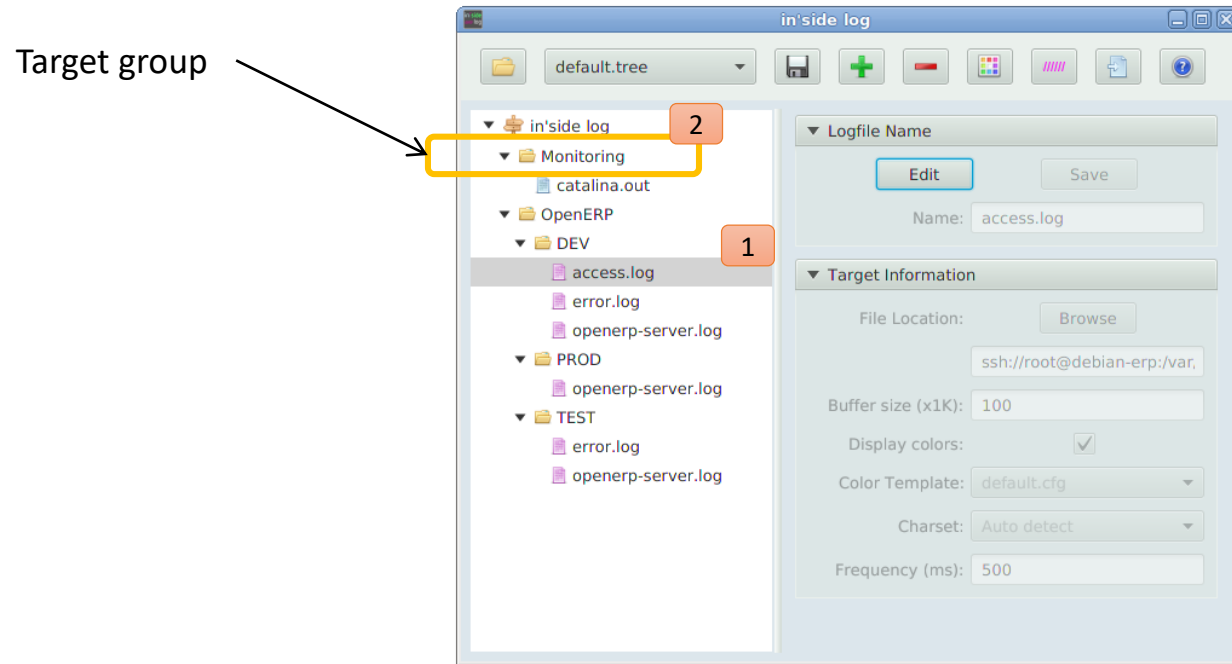
1



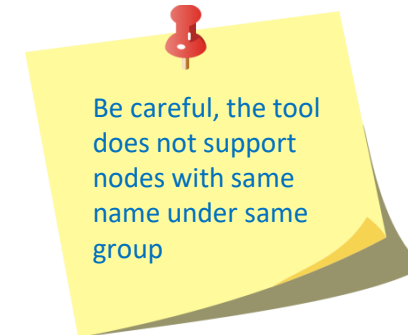
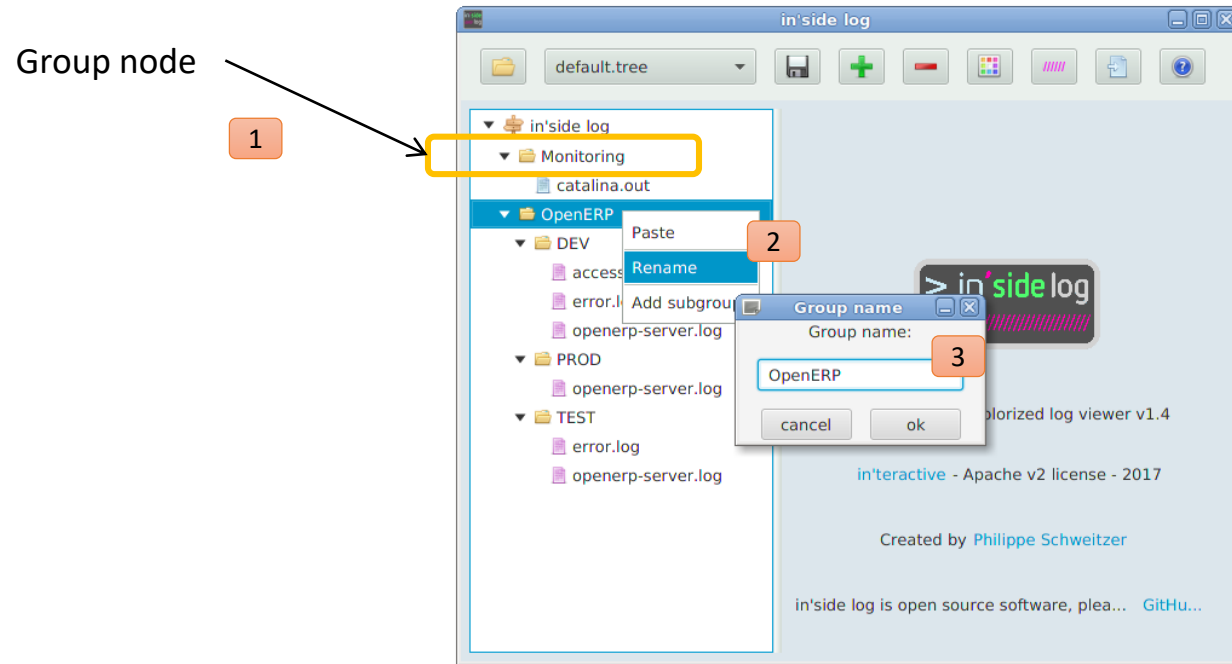
- 1: Right click on a group node of the tree
- 2: Click on “Add subgroup”. A popup opens.
- 3: Enter name of sub group and click “OK”. New sub group appears in tree



- 1: Drag and drop one file or group into another target group

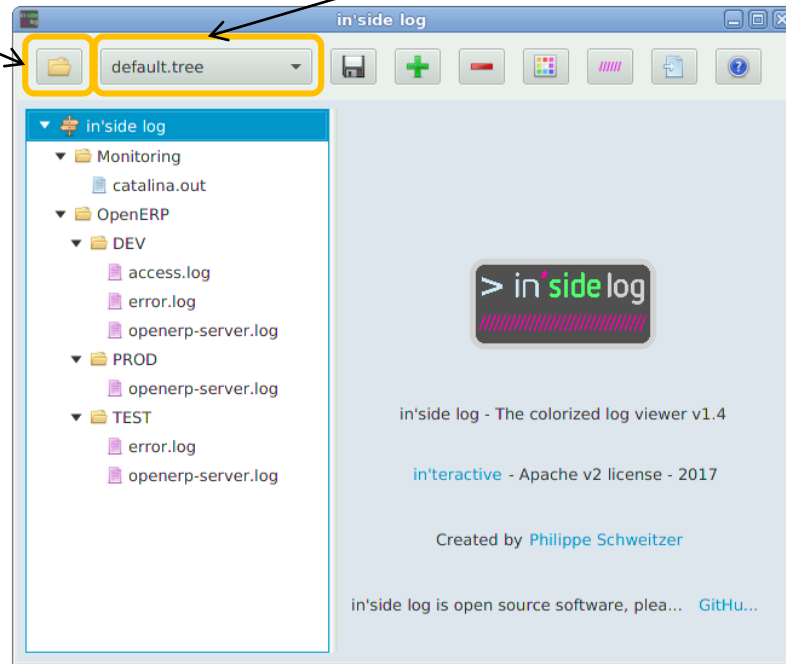


- 1: Right click on a group node of the tree
- 2: Click on "Rename". A popup opens.
- 3: Enter new name of sub group and click " OK ". Group name if changed appears in tree

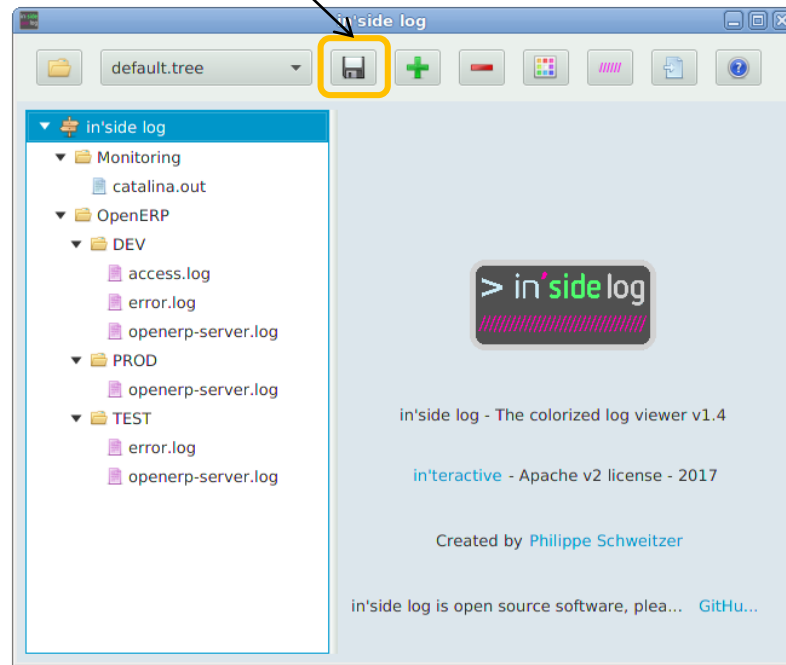


Loads tree configuration

Switches between tree configurations available in the «etc» folder

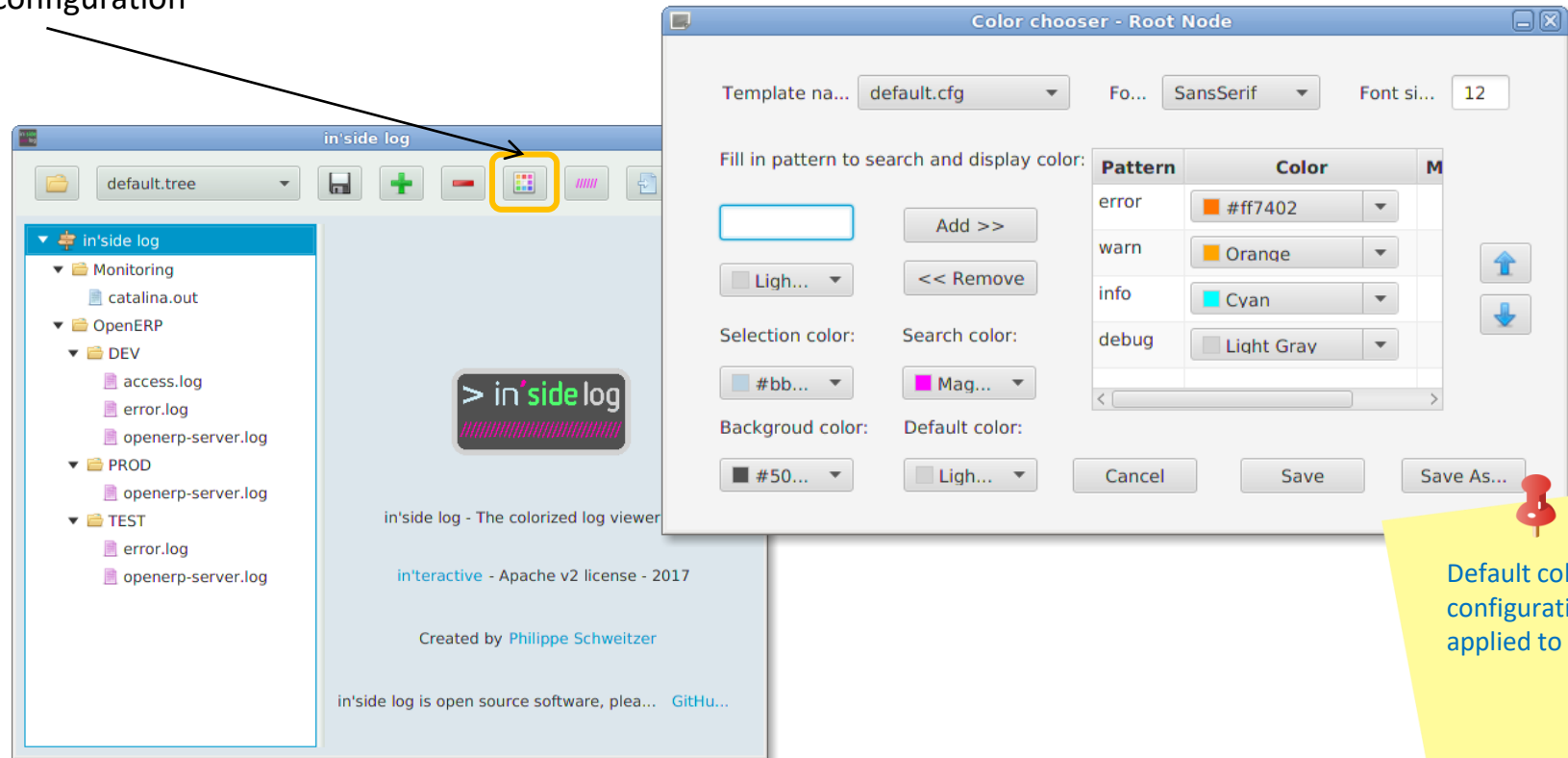


Saves as new tree configuration file



- 1: Click on "Choose default colors" button. Color configuration window opens

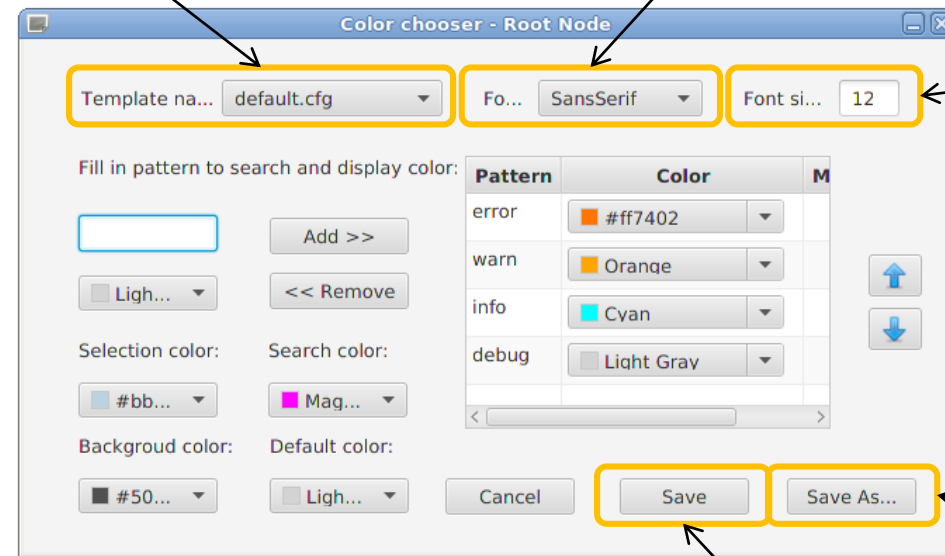
Color configuration



Template selection

Font family selection

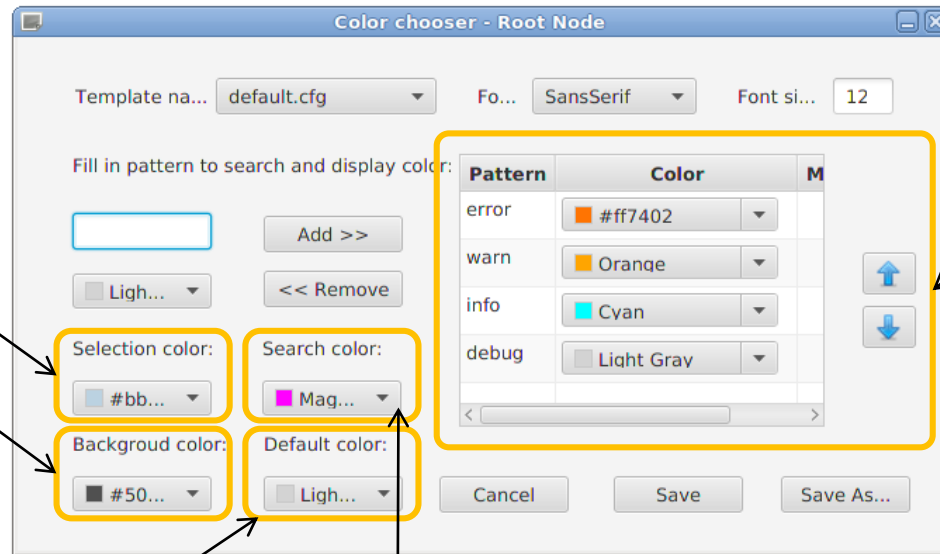
Font size configuration



Save as new template

Save current template





Pattern color configuration

- Patterns can be configured with specific color
- Color selection while parsing file is made from top to bottom of the pattern color list
- If one “top” pattern matches, all next patterns will be ignored for colorization
- If no pattern matches with current line, default color will be applied

Pattern

Pattern associated color

Add pattern to list

Remove pattern from list

Pattern order configuration

« Match case » is for case sensitivity check

The Color chooser dialog box is titled 'Color chooser - /users/JAVA\_RELEASE/InSideLog-Release/D2-Client.log'. It has a 'Template na...' dropdown set to 'default.cfg', a 'Font...' dropdown set to 'SansSerif', and a 'Font si...' input set to '12'. Below these, it says 'Fill in pattern to search and display color:'. There are two buttons: 'select' and 'Add >>'. Below 'select' is a color palette with a 'Light...' dropdown. Below 'Add >>' is a '<< Remove' button. To the right of the color palette is a table with columns 'Pattern', 'Color', and 'M'. The table contains the following entries:

Pattern	Color	M
error	#ff7402	
warn	Orange	
info	Cyan	
debug	Light Gray	

Below the table are 'Cancel', 'Save', and 'Save As...' buttons. The log viewer window shows a list of log entries with various colors applied to different parts of the text. The log entries include:

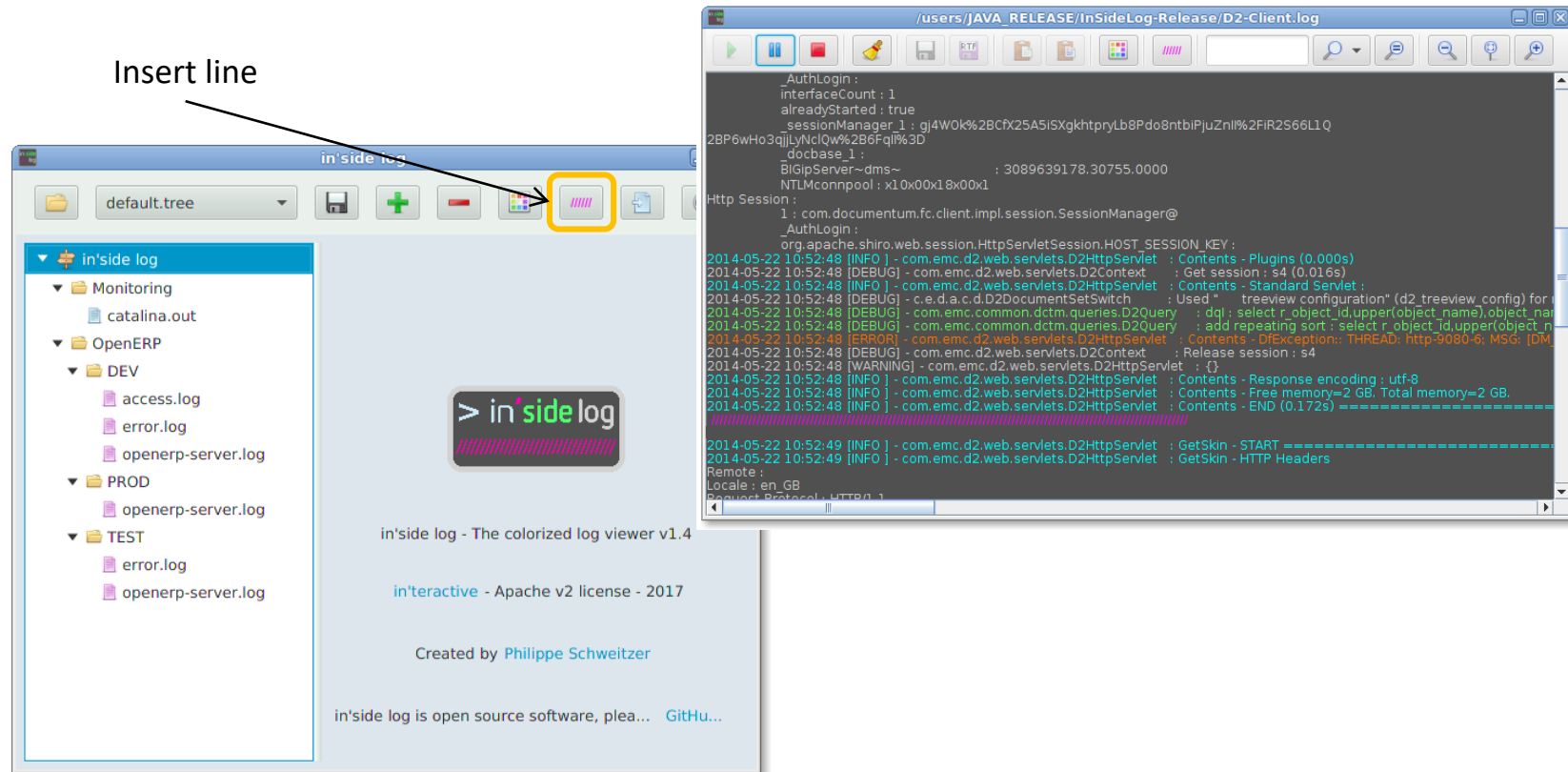
```

interfaceCount : 1
alreadyStarted : true
sessionManager : 1 : gj4W0K9%2BCfX25A5iSxgkhtpryLb8Pdo8ntbiPjuZnHl%2FIR2S66L1QKe3xjs6k54
2BP6wHo3qjLlyNclQw%2B6FqI%3D
docbase : 1
BIGipServer~dms~ : 3089639178.30755.0000
NTLMconnpool : x10x00x1
Http Session :
1 : com.documentum.fc.client.impl.session.SessionManager@
AuthLogin :
org.apache.shiro.web.session.HttpServletSession.HOST_SESSION_KEY :
2014-05-22 10:52:48 [INFO] - com.emc.d2.web.servlets.D2HttpServlet : Contents - Plugins (0.000s)
2014-05-22 10:52:48 [DEBUG] - com.emc.d2.web.servlets.D2Context : Get session : s4 (0.016s)
2014-05-22 10:52:48 [INFO] - com.emc.d2.web.servlets.D2HttpServlet : Contents - Standard Servlet :
2014-05-22 10:52:48 [DEBUG] - c.e.d.a.c.d.D2documentSetSwitch : Used "treeview configuration" (d2_treeview_config) for
2014-05-22 10:52:48 [DEBUG] - com.emc.common.dctm.queries.D2Query : dql : select r_object_id,upper(object_name),object_na
2014-05-22 10:52:48 [DEBUG] - com.emc.common.dctm.queries.D2Query : add repeating sort r_object_id,upper(object_n
2014-05-22 10:52:48 [ERROR] - com.emc.d2.web.servlets.D2HttpServlet : Contents - DfException: THREAD: http-3080-6; MSG: [DM
2014-05-22 10:52:48 [DEBUG] - com.emc.d2.web.servlets.D2Context : Release session : s4
2014-05-22 10:52:48 [WARNING] - com.emc.d2.web.servlets.D2HttpServlet : {}
2014-05-22 10:52:48 [INFO] - com.emc.d2.web.servlets.D2HttpServlet : Contents - Response encoding : utf-8
2014-05-22 10:52:48 [INFO] - com.emc.d2.web.servlets.D2HttpServlet : Contents - Free memory=2 GB. Total memory=2 GB.
2014-05-22 10:52:48 [INFO] - com.emc.d2.web.servlets.D2HttpServlet : Contents - END (0.172s)
2014-05-22 10:52:48 [INFO] - com.emc.d2.web.servlets.D2HttpServlet : GetSkin - START
2014-05-22 10:52:48 [INFO] - com.emc.d2.web.servlets.D2HttpServlet : GetSkin - HTTP Headers
Remote :
Locale : en_GB
Request Protocol : HTTP/1.1
Request Method : POST
Context Path : /D2-Client
Request URI : /D2-Client/servlet/GetSkin
    
```

# in'side log

## Insert line

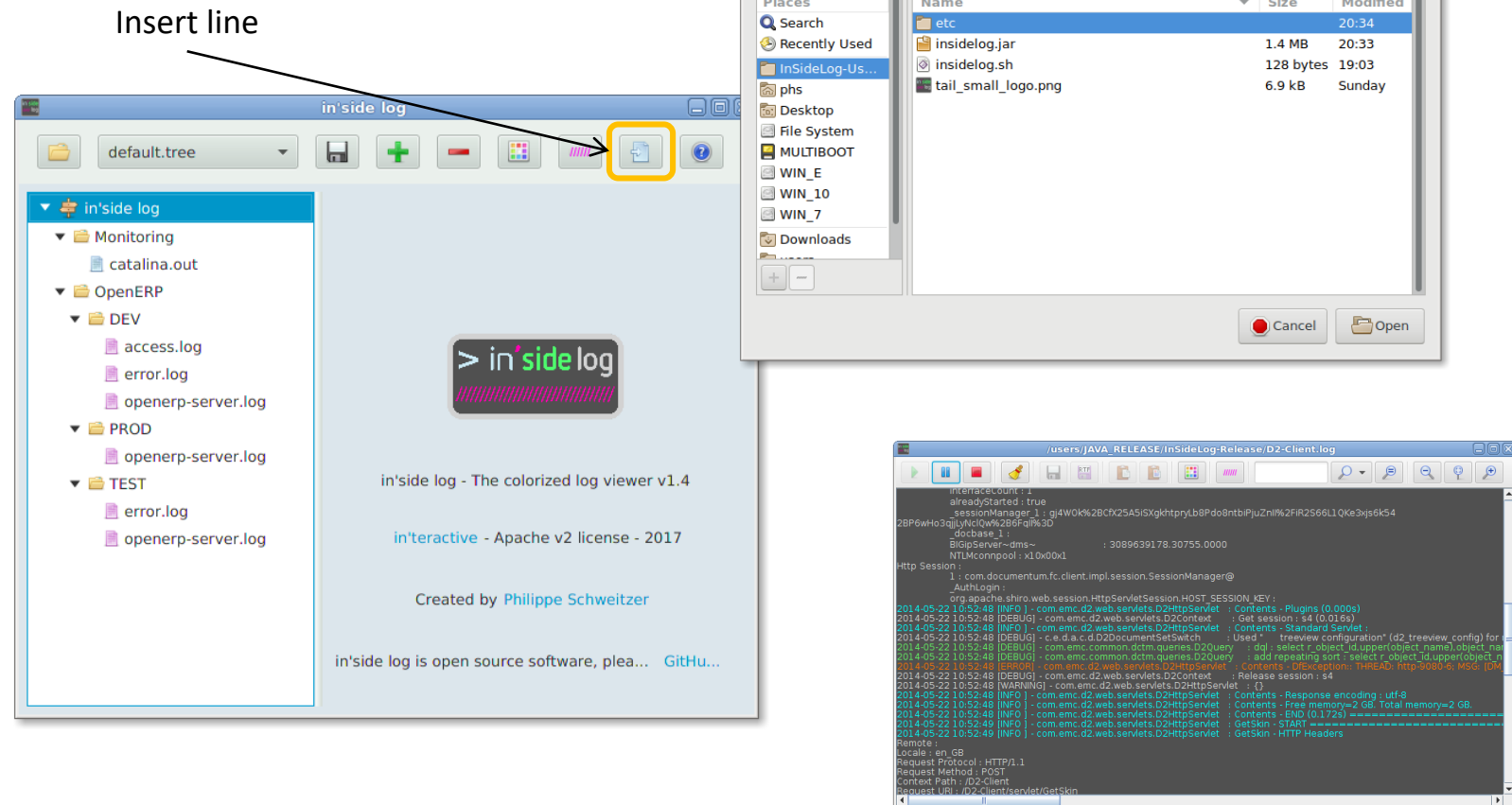
- Inserts a breaking line simultaneously inside all file windows (do not alter log content)

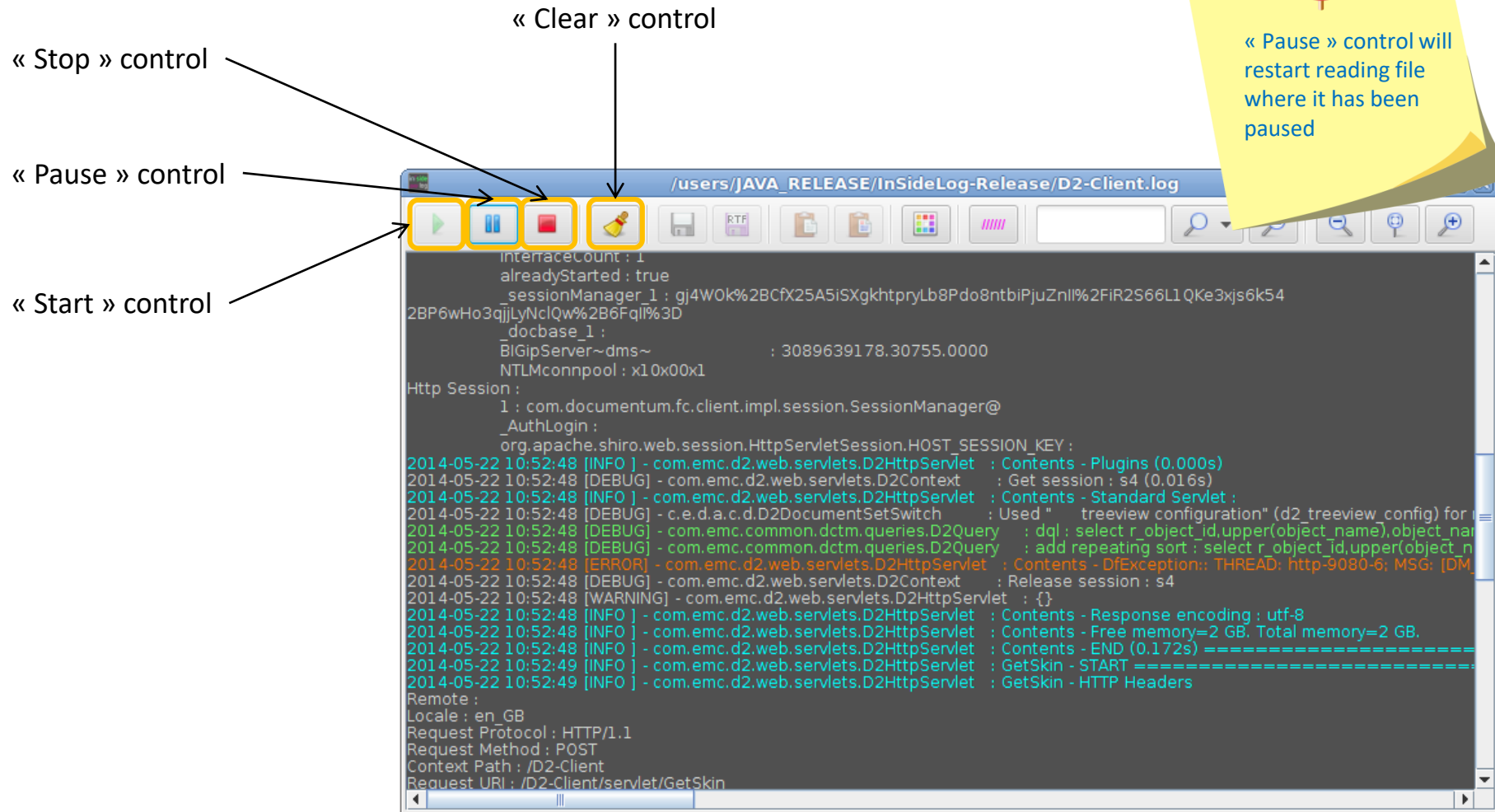


# in'side log

## Open offline file

- Opens a file, and applies a chosen color configuration.
- It reads from file beginning.



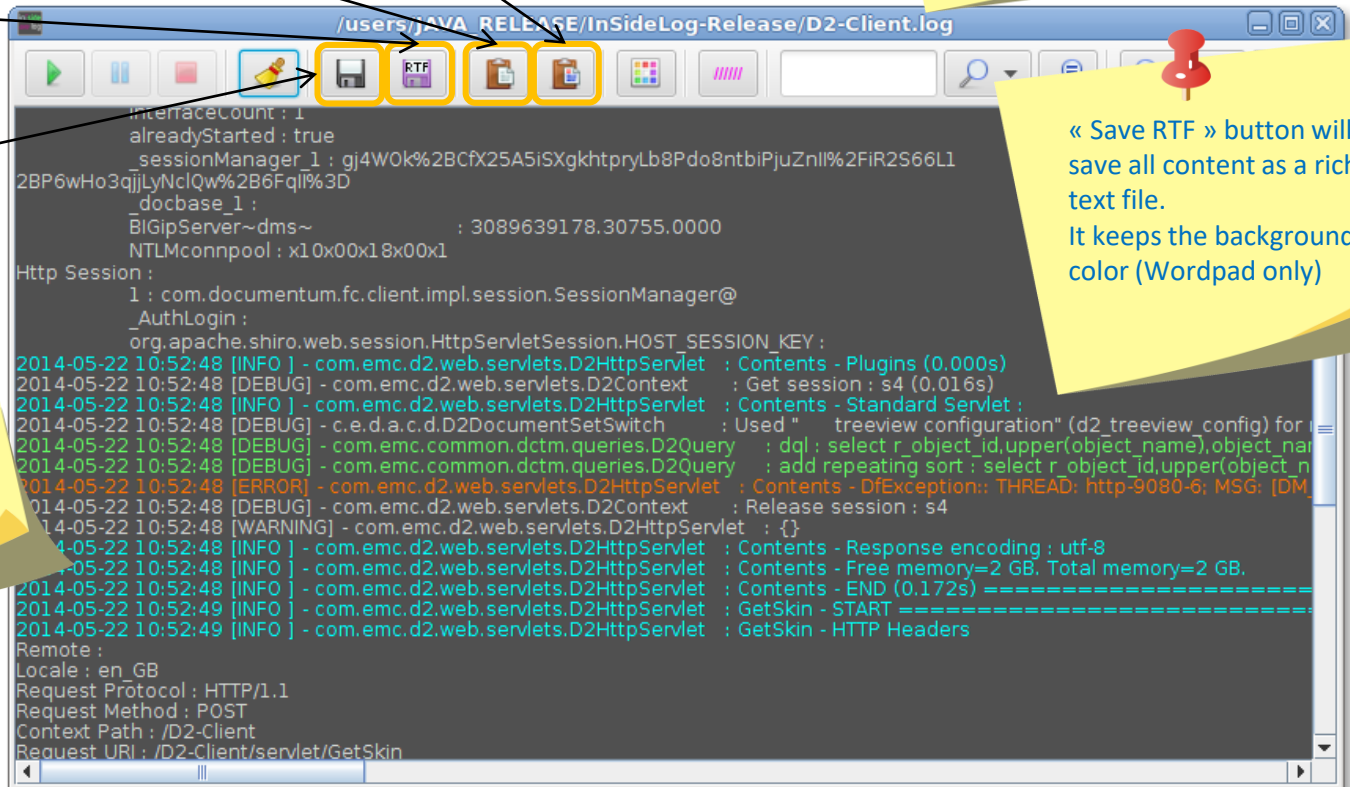


« Copy text » control

« Save RTF » control

« Save text » control

« Copy RTF » control



The screenshot shows a web application window titled "/users/JAVA\_RELEASE/InSideLog-Release/D2-Client.log". The window contains a toolbar with several icons. Arrows point from text labels to specific icons: "« Copy text » control" points to the first icon (a document with a copy symbol), "« Save RTF » control" points to the second icon (a document with a save symbol), "« Save text » control" points to the third icon (a document with a save symbol), and "« Copy RTF » control" points to the fourth icon (a document with a copy symbol). The main area of the window displays a log of system messages, including session information and error logs.

« Copy RTF » button will copy all content into the clipboard. It won't keep the background color

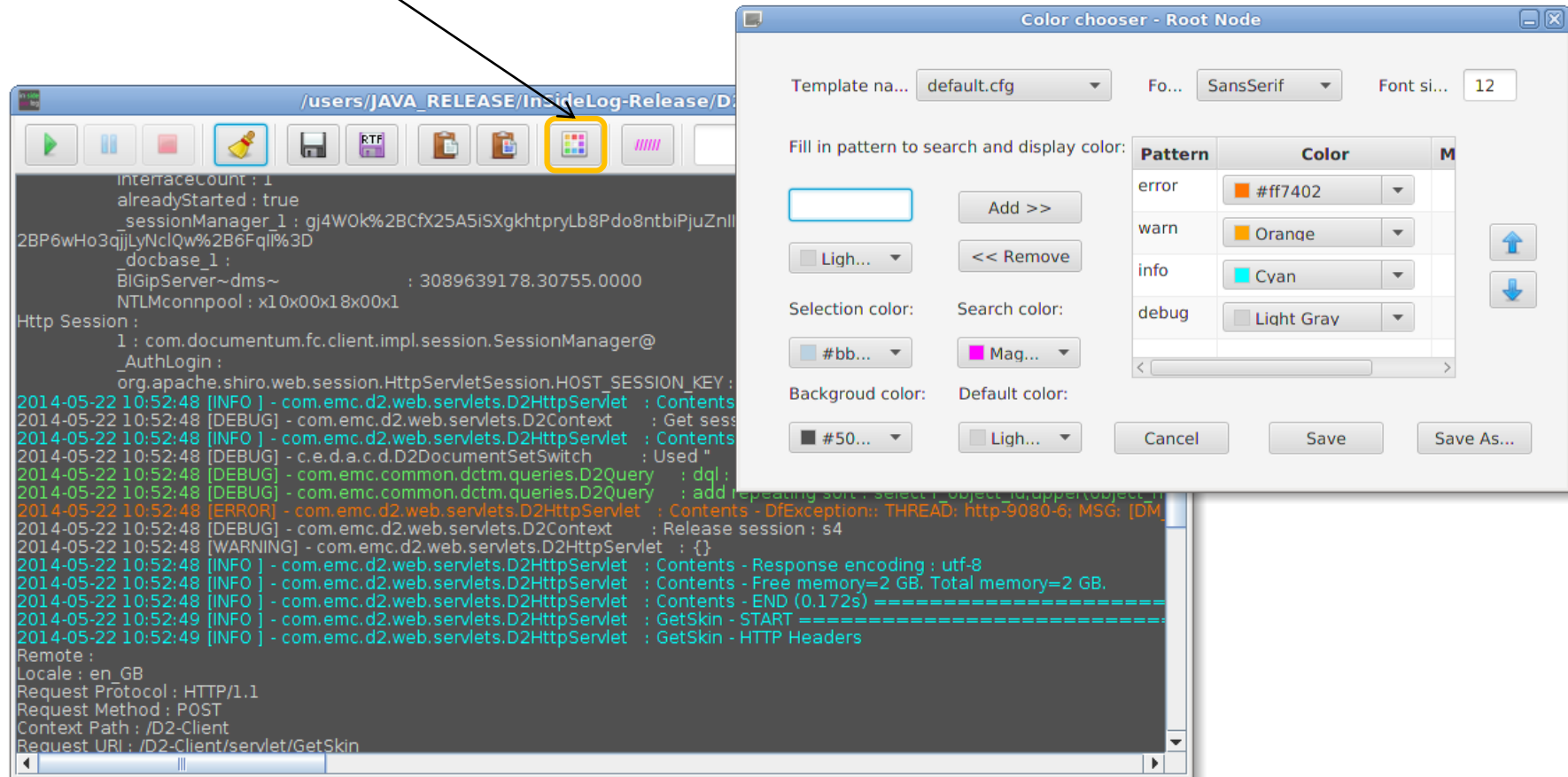
« Copy text » button will copy all or selected only content into the clipboard. It won't keep any color

« Save RTF » button will save all content as a rich text file. It keeps the background color (Wordpad only)

« Save text » button will save all content as a text file. It won't keep any color

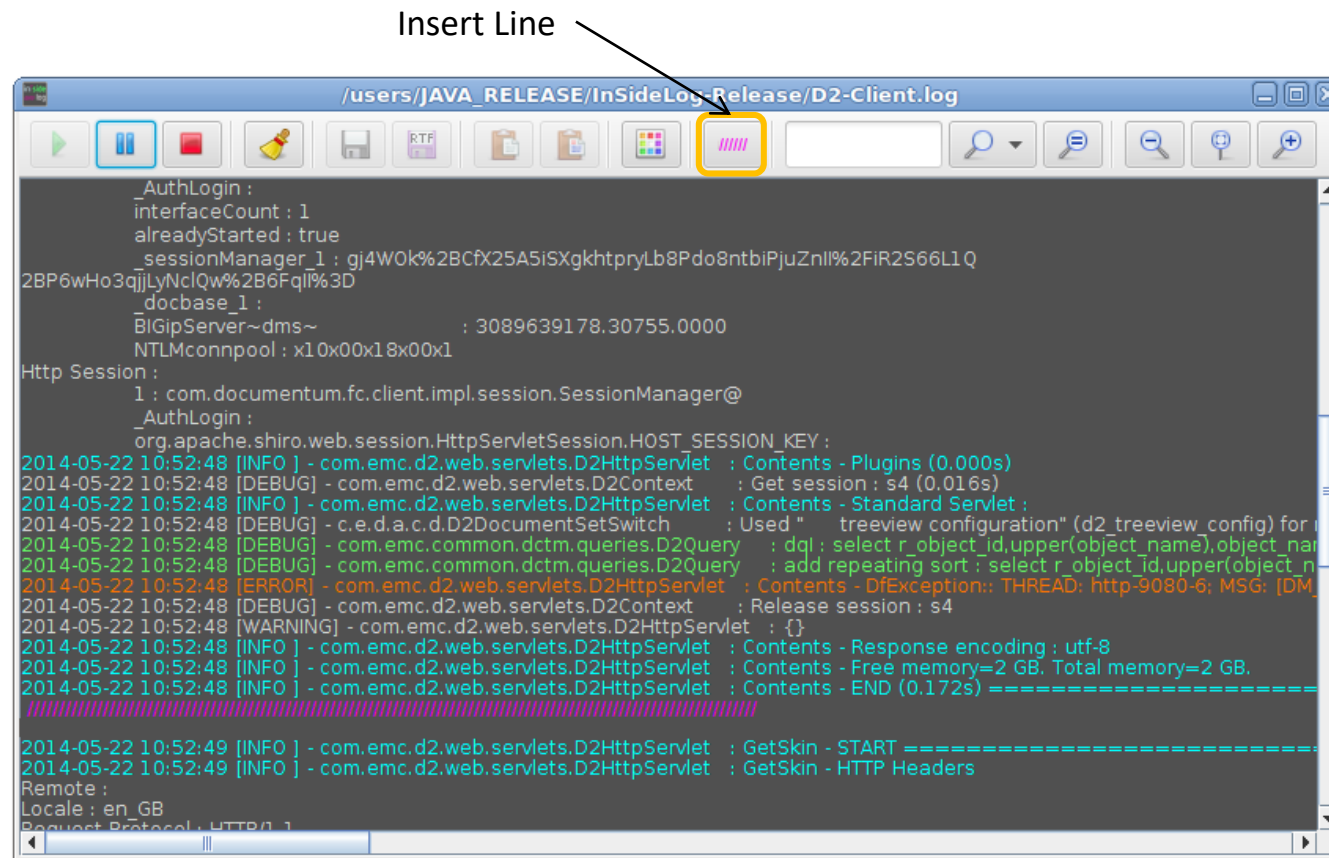
Process must be stopped or paused to allow saving

Color configuration





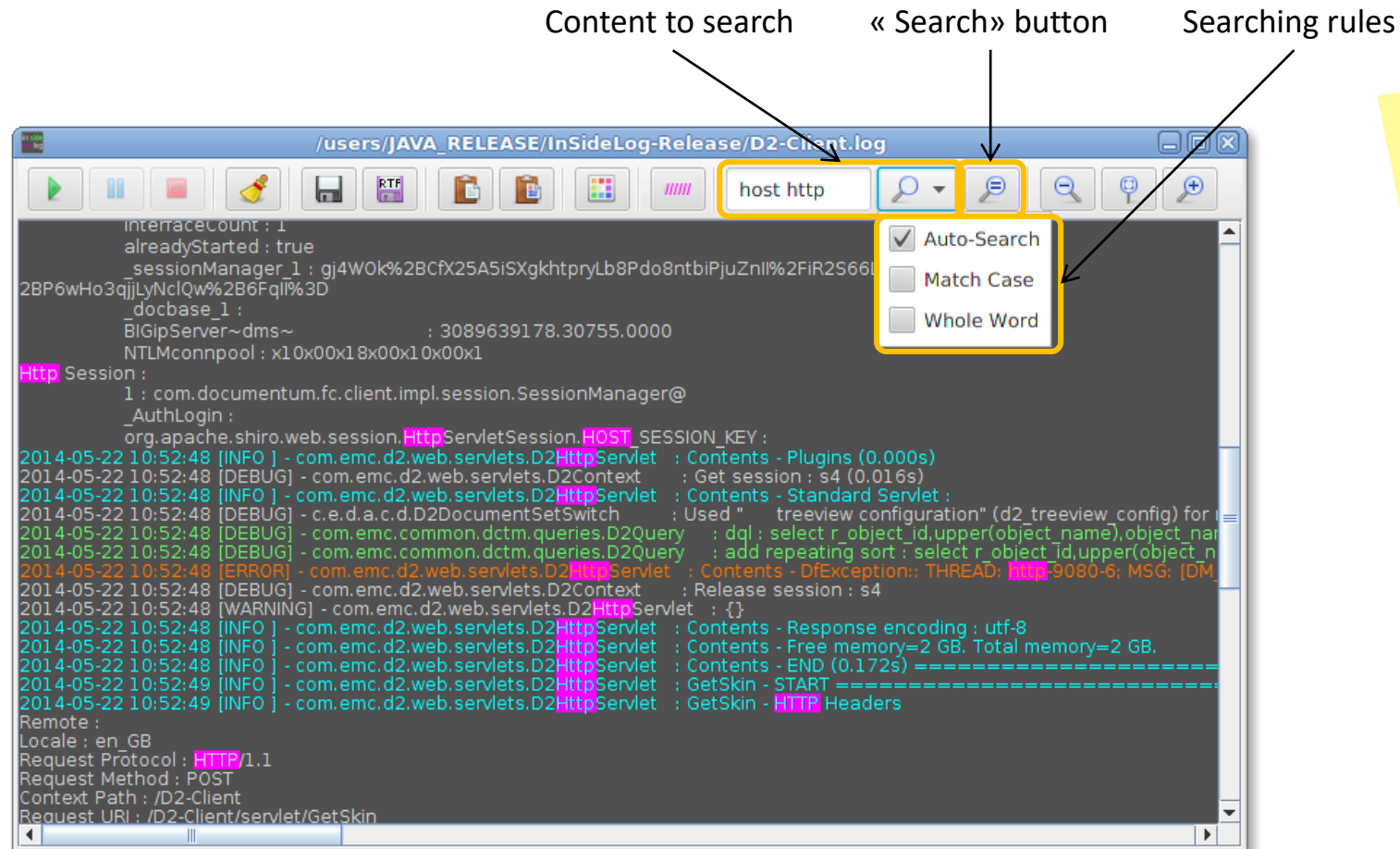
- Inserts a breaking line simultaneously inside all file windows (do not alter log content)



Inserted line will appear  
if you save content of  
file window to a file or  
copy to clipboard



- Search and highlight matching content

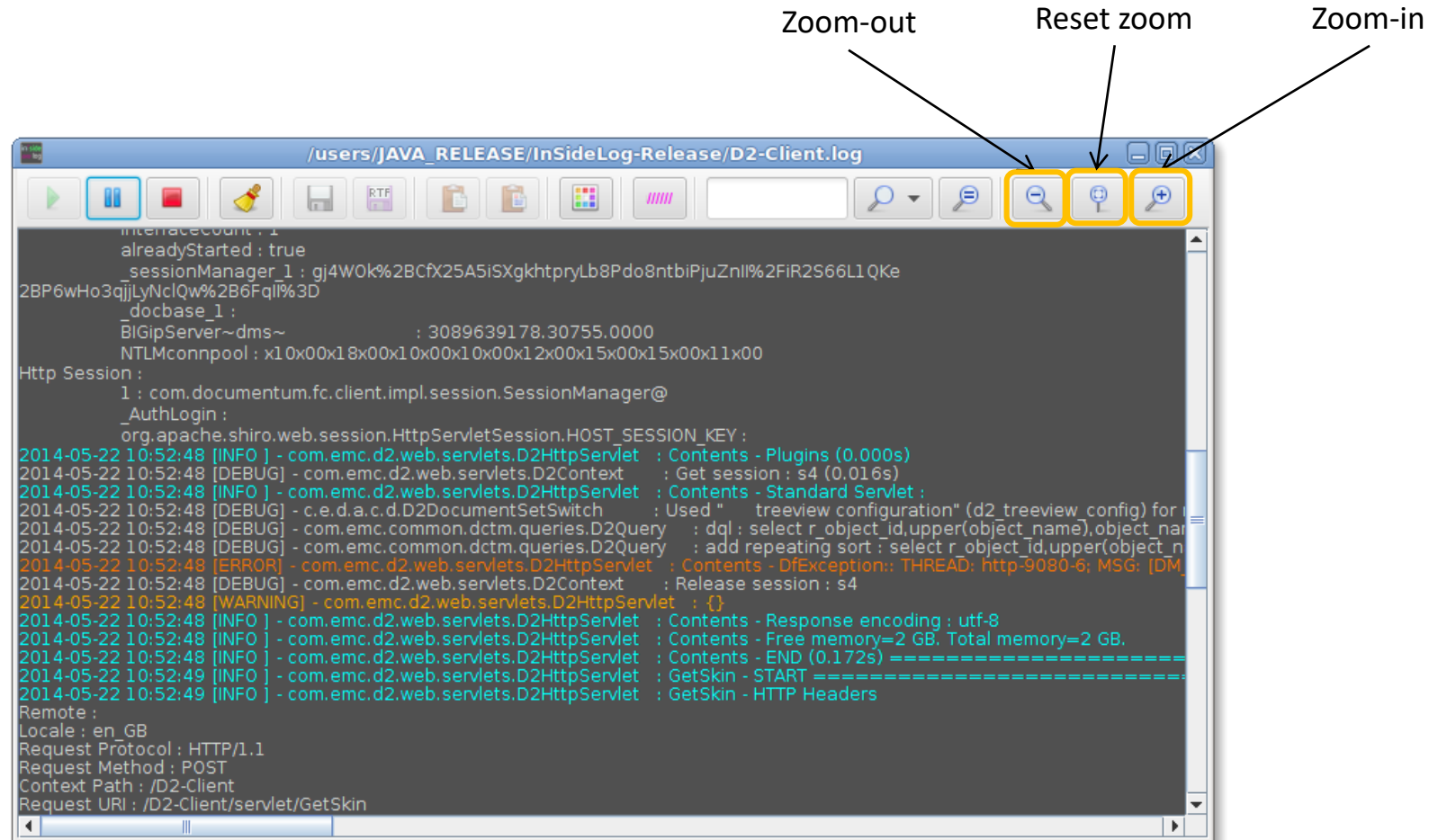


« Auto-Search » rule will lookup for all words individually, while « Whole Word » looks up for the matching text in a block.

# in'side log

## File window – Zoom

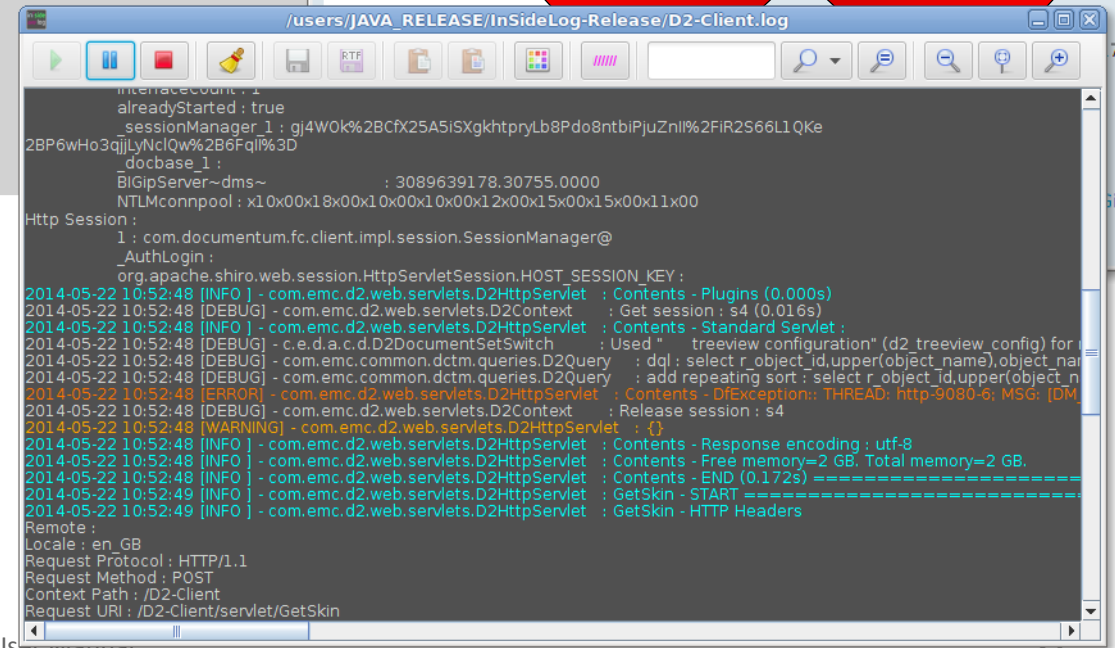
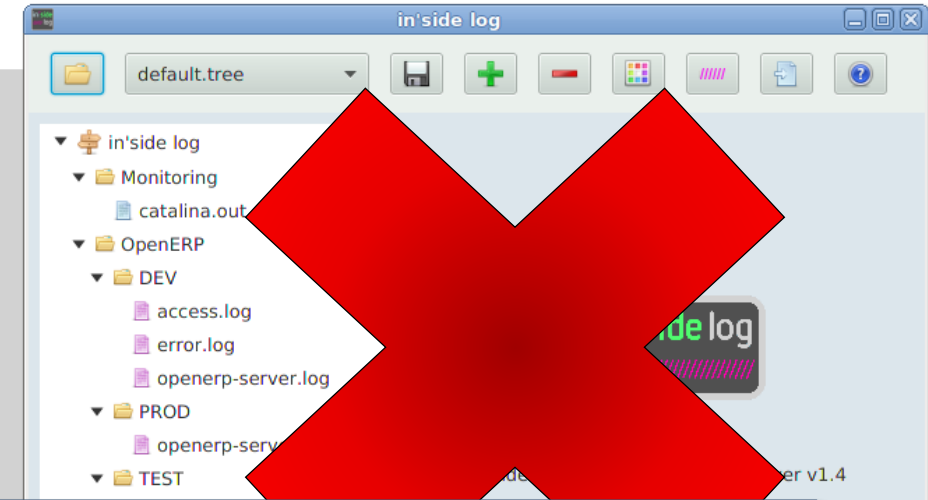
- Graphical zoom of file window content



It is possible to invoke start of a tail session from command line  
-> it will open File window for each file passed in argument  
-> it will not open main window

Pass file paths in argument (or create a dedicated shortcut for each file).  
**Be aware on case sensitivity,**  
**and escape white spaces in file paths with double quotes << " path " >>**

**<< insidelog.bat C:\<path to log file1> <path to log file2>... >> OR**  
**<< java -jar insidelog.jar <path to log file1> <path to log file2>... >>**



in'side log allows to change some default configurations. They can be setup inside “tail.properties” file, under the “etc” folder

Logging level, which appears in java output console (can be: trace, debug, info, warning, error or critical):

```
logger.level = info
```

Default buffer size, for File window (\*1,000 number of displayed rows)

```
tail.bufferSize = 100
```

Default read frequency interval in milliseconds

```
tail.frequencyInterval = 500
```

Default file creation with color configuration display

```
tail.displayColor = true
```

Default color template

```
tail.defaultColorConfiguration = default.cfg
```

Default tree configuration

```
tail.defaultTreerConfiguration = default.tree
```

### Reset files color configuration

ALL: Locate in folder "etc", and delete all "\*.cfg" files,  
like: "default.cfg"

ONE: Locate in folder "etc", file "<your tree file>.tree". Open "<your tree file>.tree" and locate color file name associated with log file, like: "default.cfg", then delete the color template file

in'side log is released under [Apache v2 License](#)

in'side log uses 2 libraries that are not part of Java standard platform.

- “juniversalchardet” is a Java port of 'universalchardet', that is the character encoding detector library of Mozilla, released under [MOZILLA PUBLIC LICENSE v1.1](#)
- “JSch” is a Java port of SSH protocol made by JCraft, released under [BSD style licence](#)

in'side log uses icons that are not part of Java standard platform.

- “Fugue Icons” under a [Creative Commons Attribution 3.0 License](#)