

in'side log - User Manual

smart integration

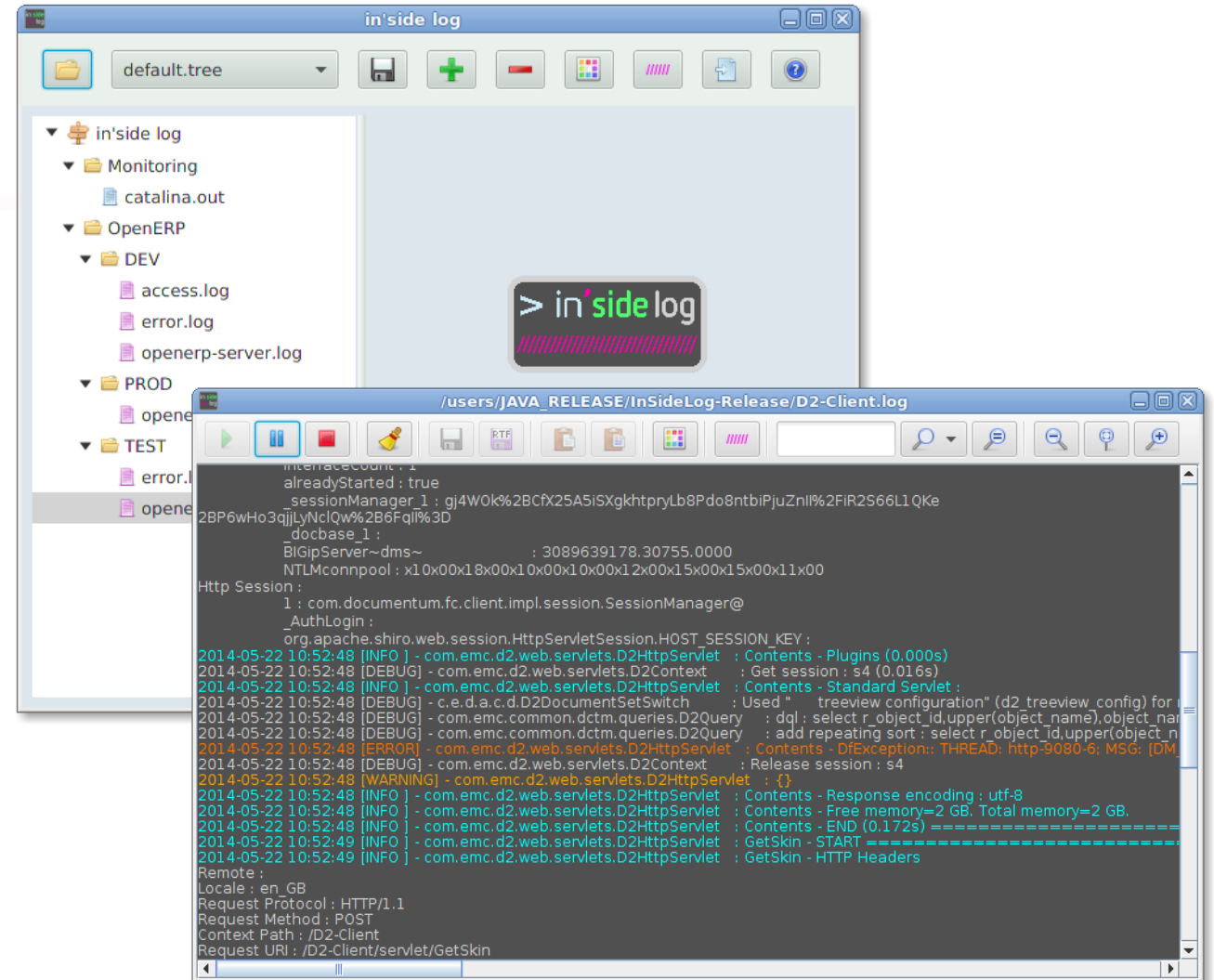
Created by [Philippe Schweitzer](#)

Visit [GitHub page](#)

in'side log – The colored log viewer v1.5

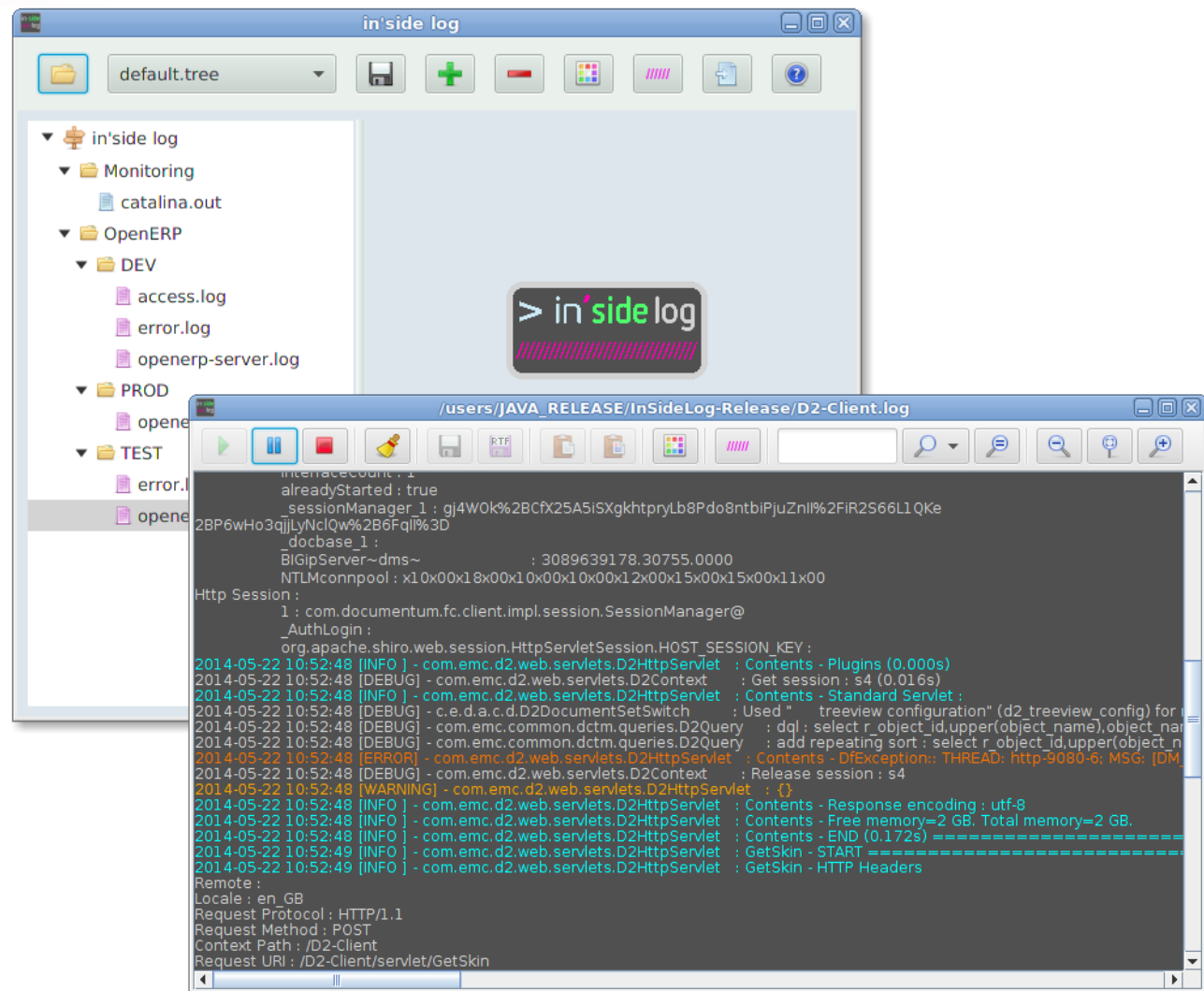
Released under Apache v2 License

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>

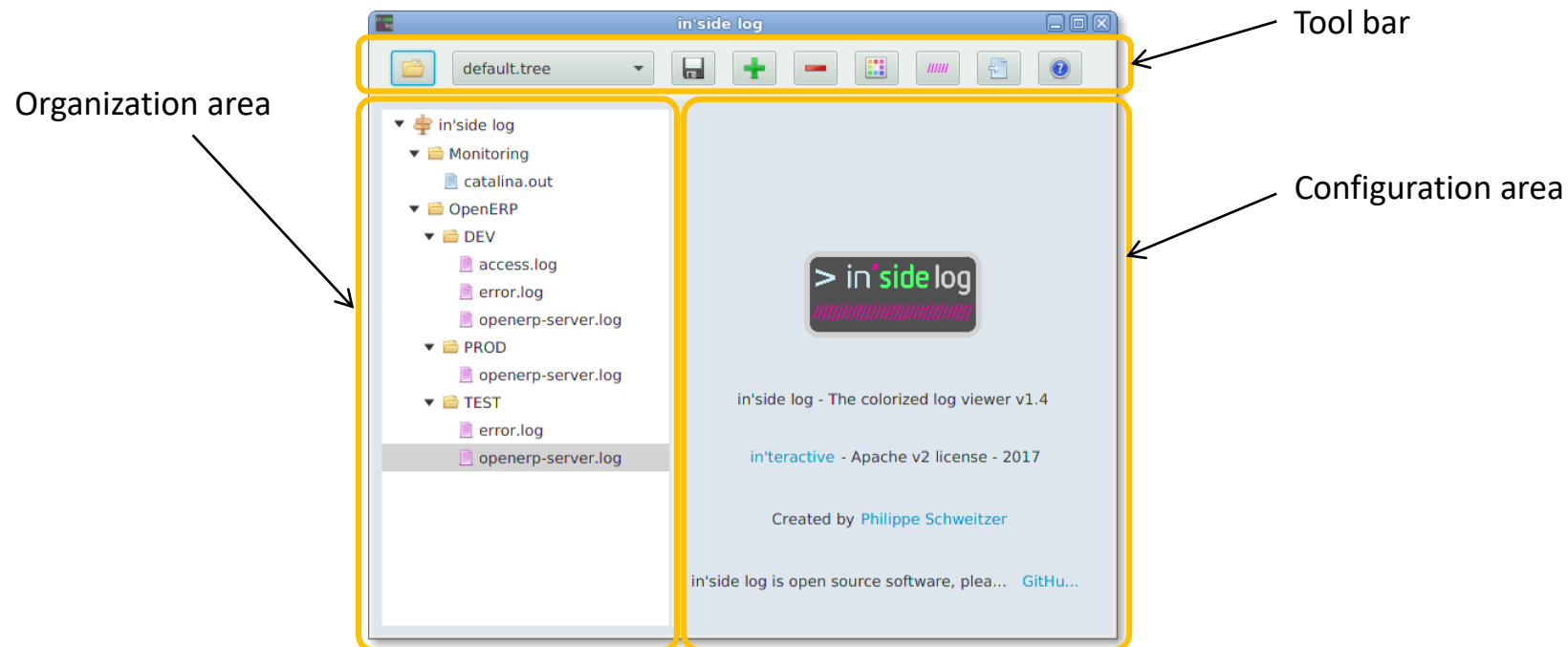


Run of in'side log on a production server is at your own risks.
If you want to view log files from there, it is recommended to open
a Read-Only shared folder over the network, or to use SSH .

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



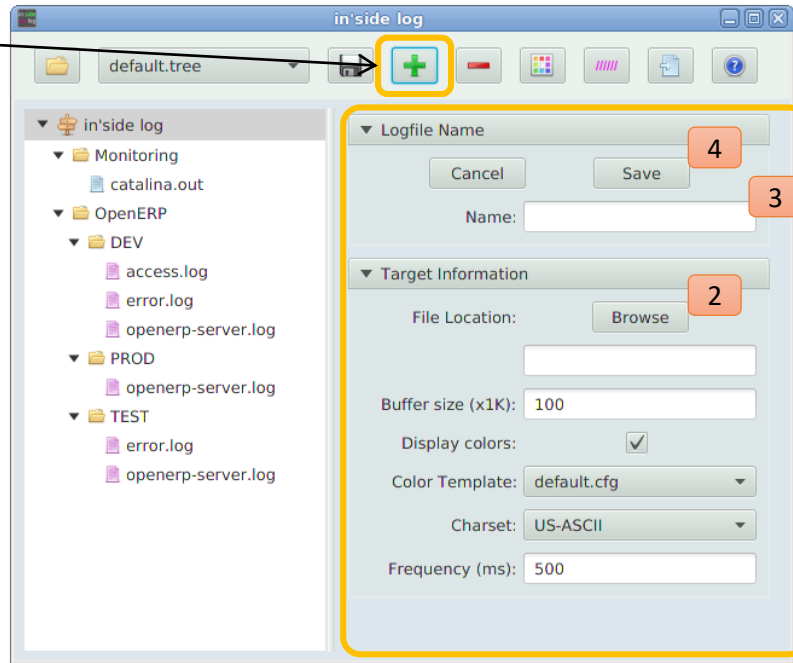
in'side log

Add new local file

- 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

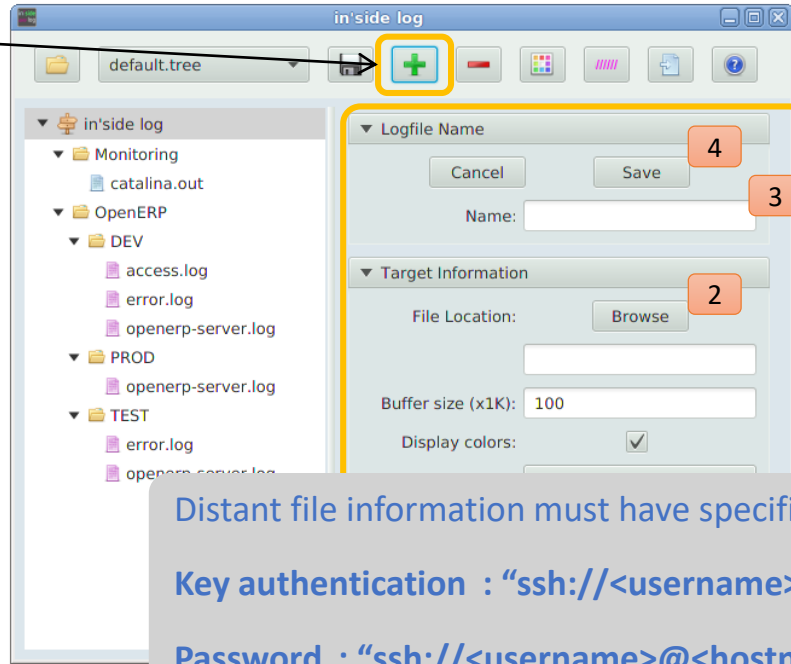


Configuration area

- 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:

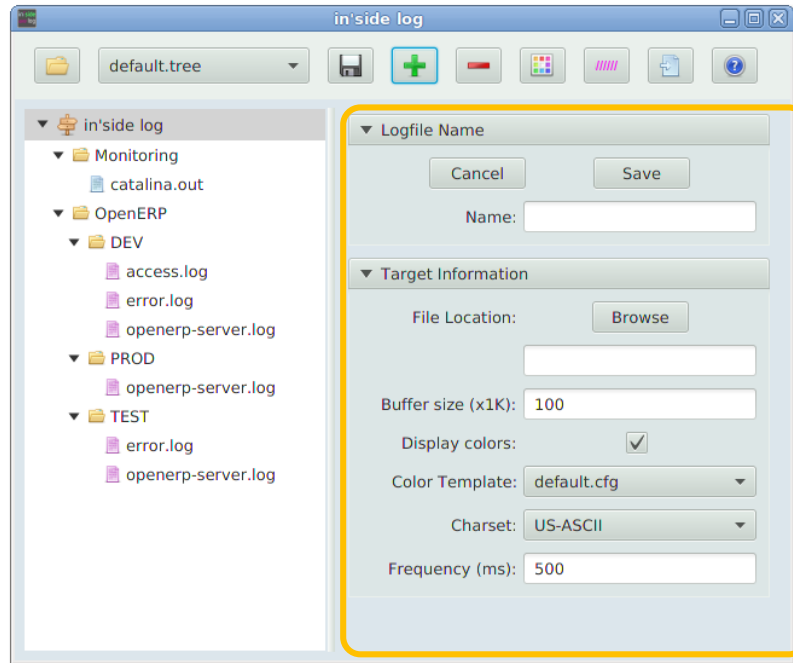
Key authentication : “ssh://<username>:<sshKeyPath>@<hostname>[:port]:<absolute file path>”

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

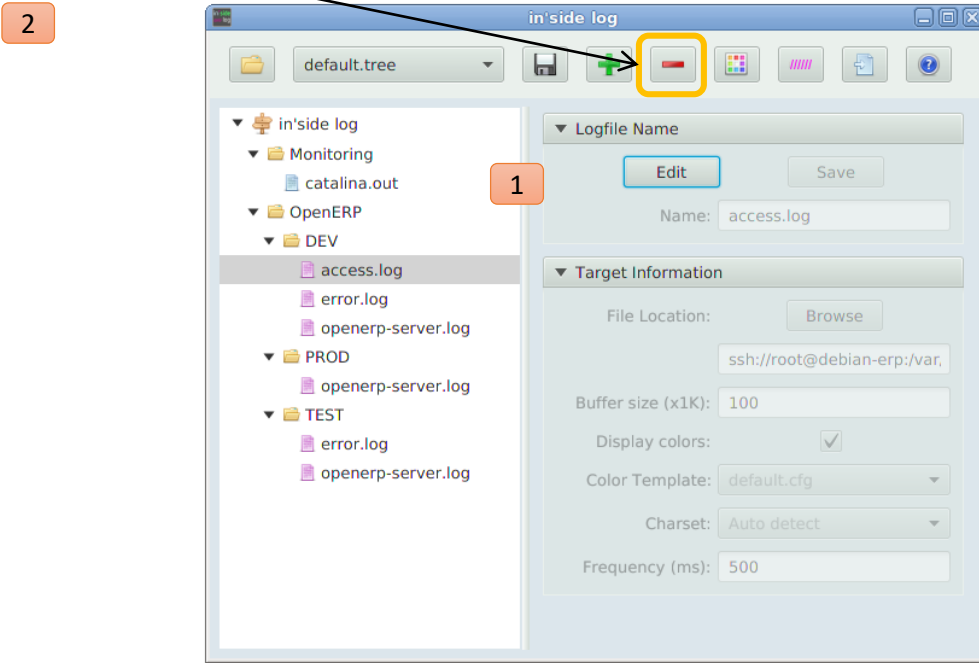
« Frequency » is the
amount of time
between each parsing
process of the file

« 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



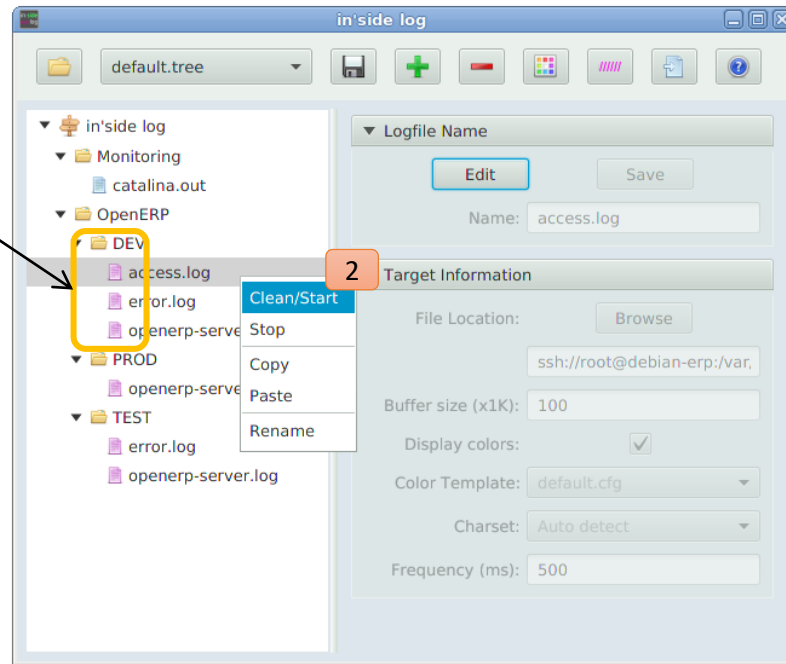
in'side log

File processing

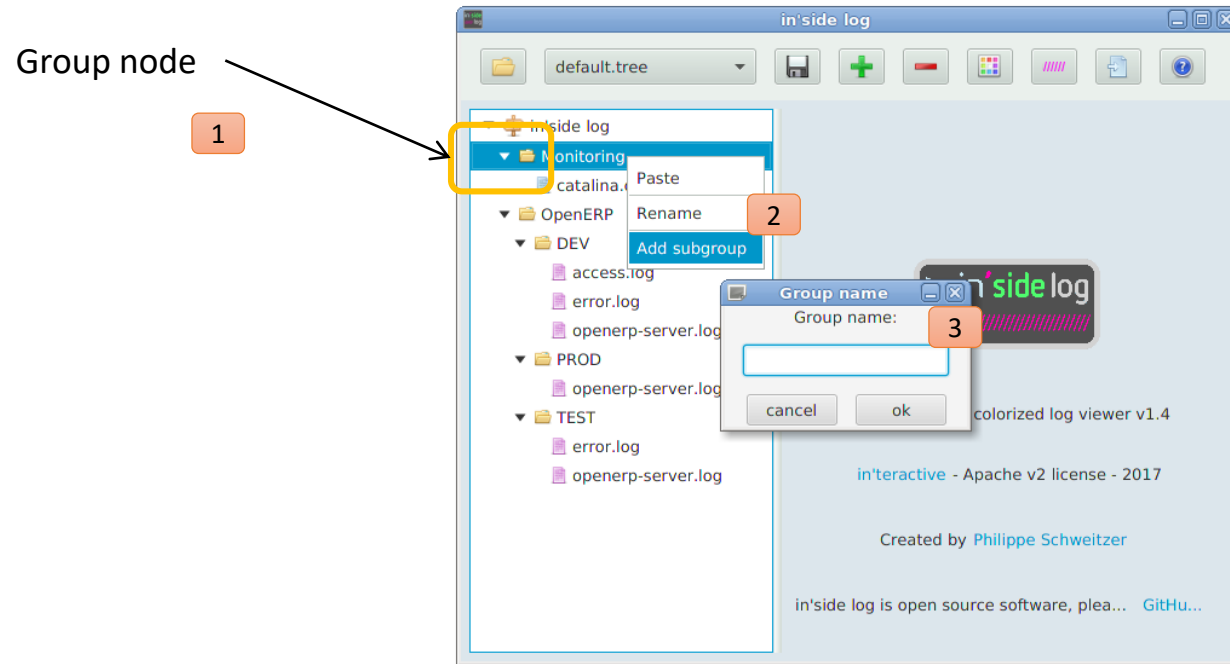
- 1: Double click on a file node
- 1: OR Right click on a file node
- 2: Click on "Clean/Start" menu.
- 3 File window opens

File node

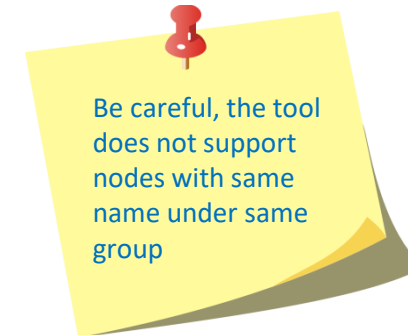
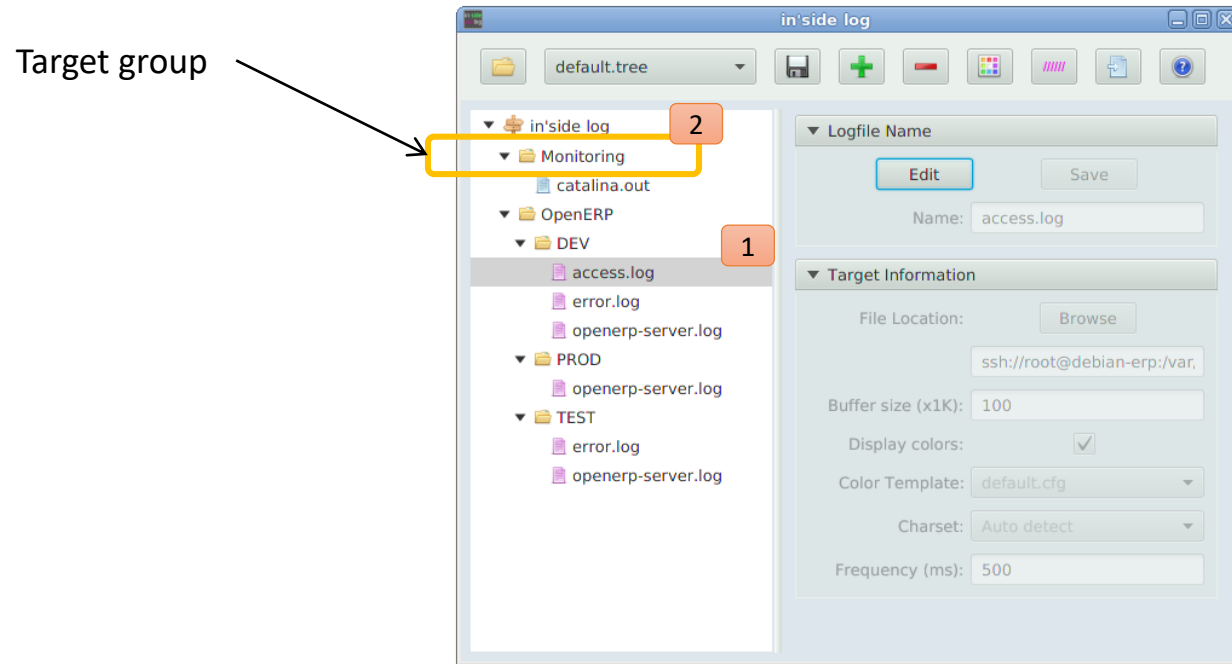
1



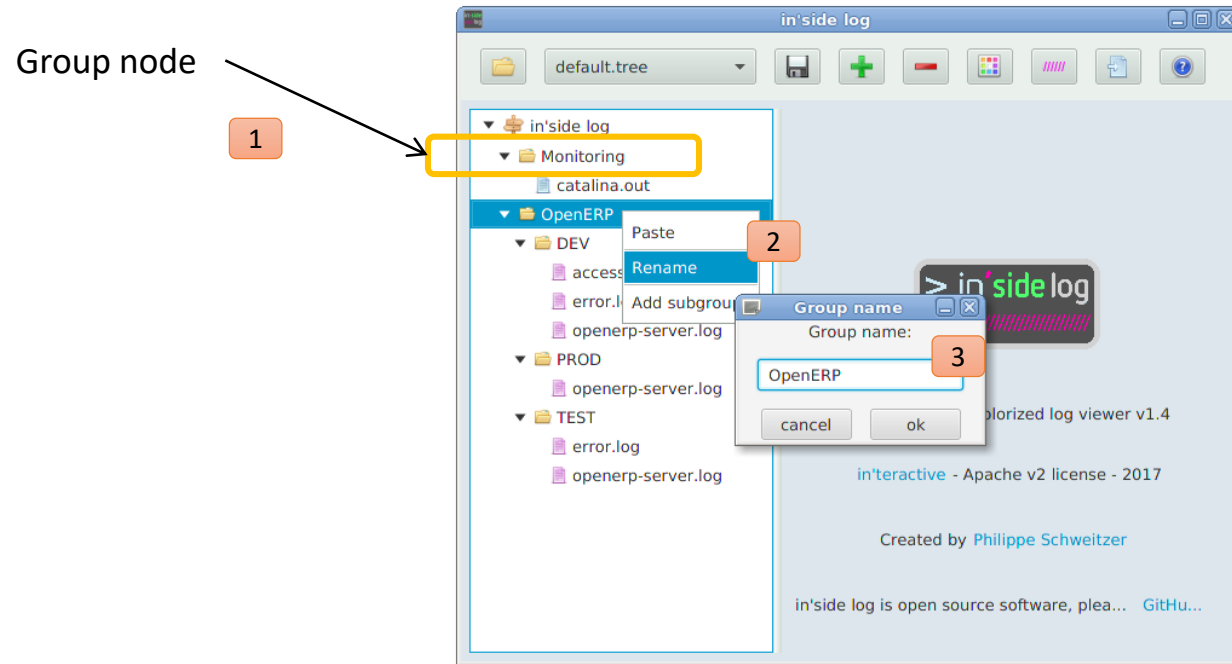
- 1: Right click on a group node of the tree
- 2: Click on “Add subgroup”. A popup opens.
- 3: Enter name of sub group and click “OK”. New sub group appears in tree



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



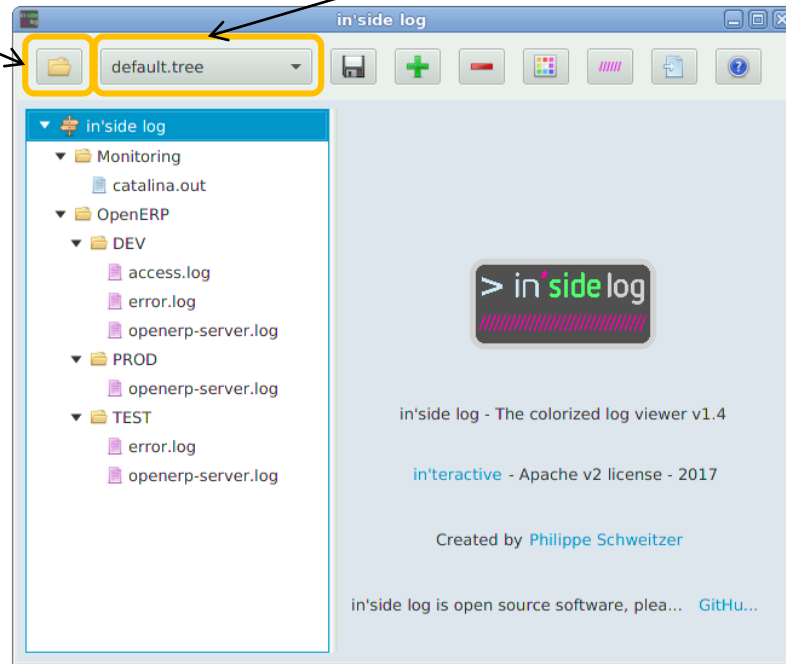
- 1: Right click on a group node of the tree
- 2: Click on "Rename". A popup opens.
- 3: Enter new name of sub group and click " OK ". Group name if changed appears in tree



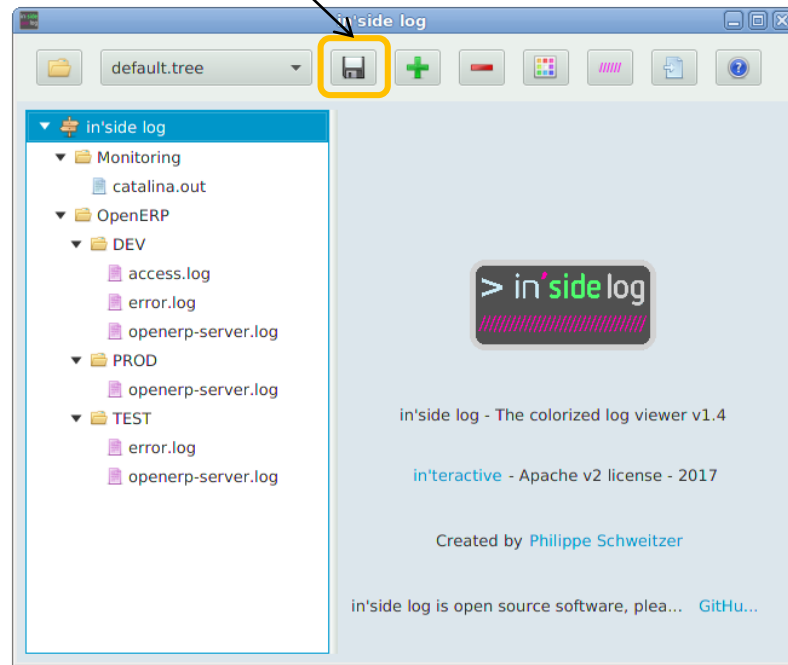
Be careful, the tool does not support nodes with same name under same group

Loads tree configuration

Switches between tree configurations available in the «etc» folder

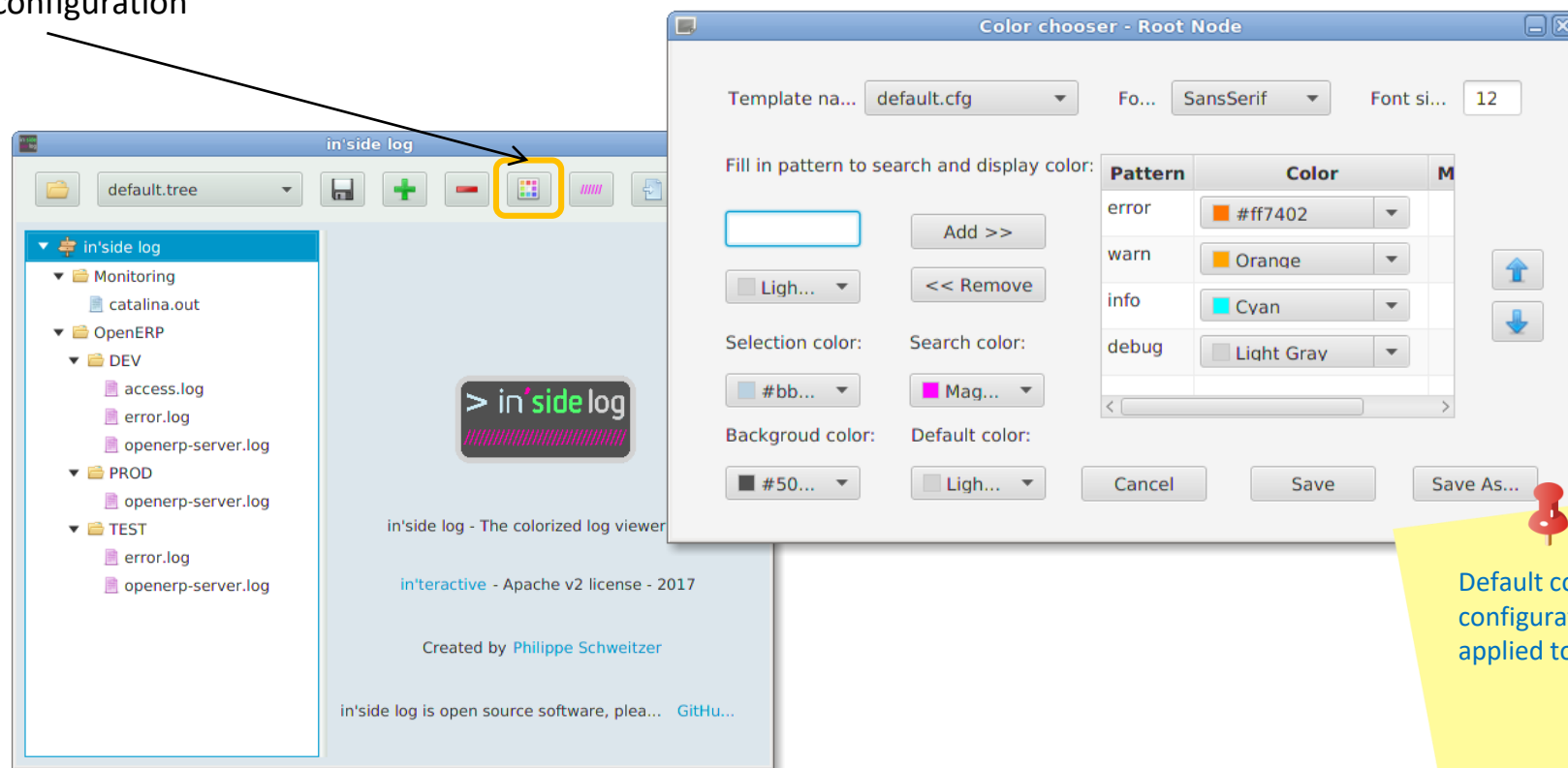


Saves as new tree configuration file



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

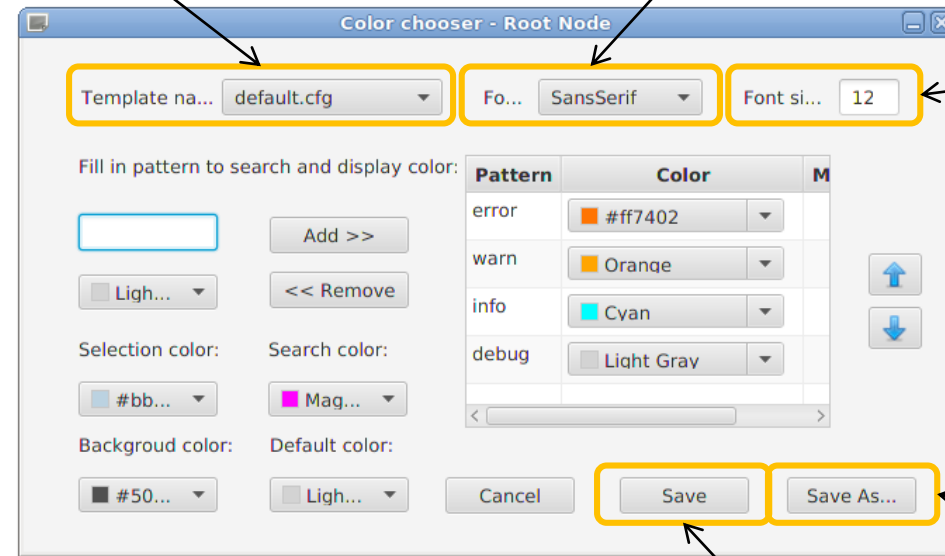
Color configuration



Template selection

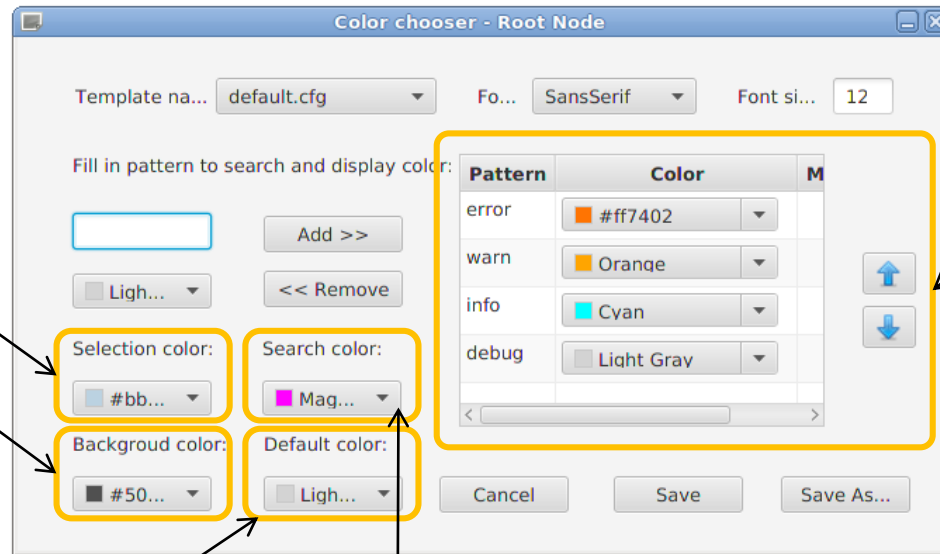
Font family selection

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

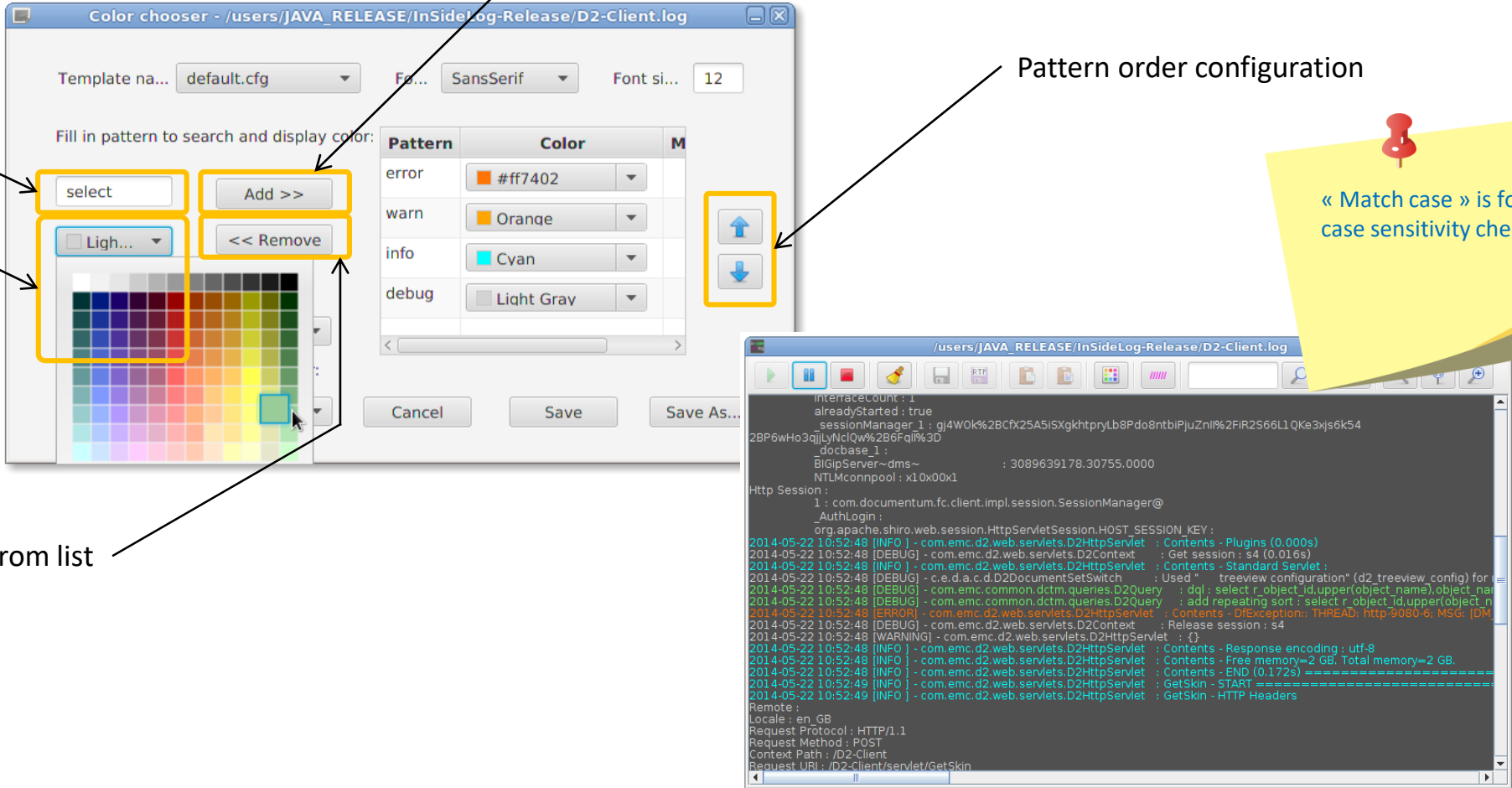
Pattern associated color

Add pattern to list

Pattern order configuration

Remove pattern from list

« Match case » is for case sensitivity check



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

```

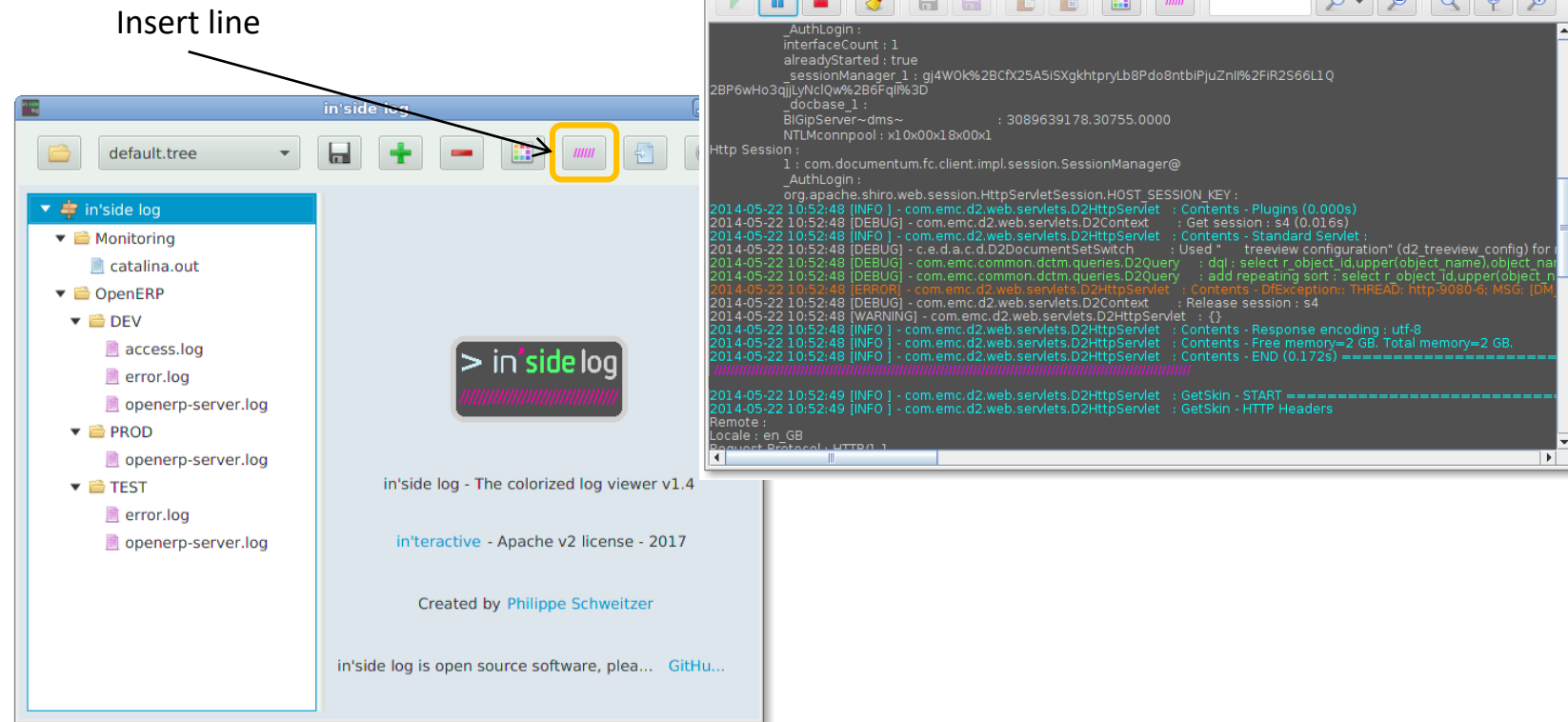
interfaceCount : 1
alreadyStarted : true
sessionManager : 1 : gj4W0K9%2BCfX25A5iSxgkhtpryLb8Pdo8ntbiPjuZnHl%2FIR2S66L1QKe3xjs6k54
2BP6wHo3qjLyNclQw%2B6FqI%3D
docbase : 1 :
BIGipServer~dms~ : 3089639178.30755.0000
NTLMconnpool : x10x00x1

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_n
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

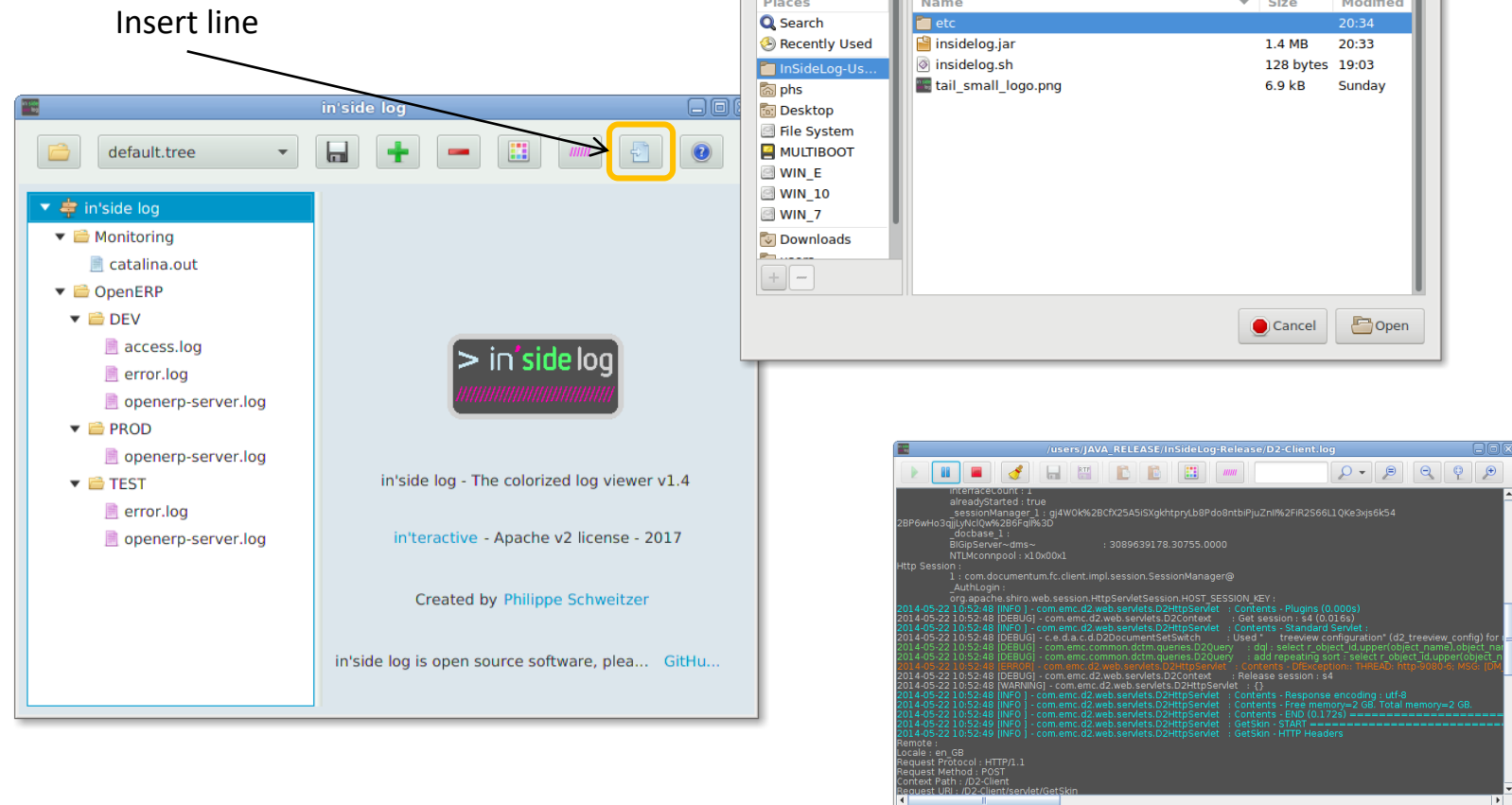
- Inserts a breaking line simultaneously inside all file windows (do not alter log content)

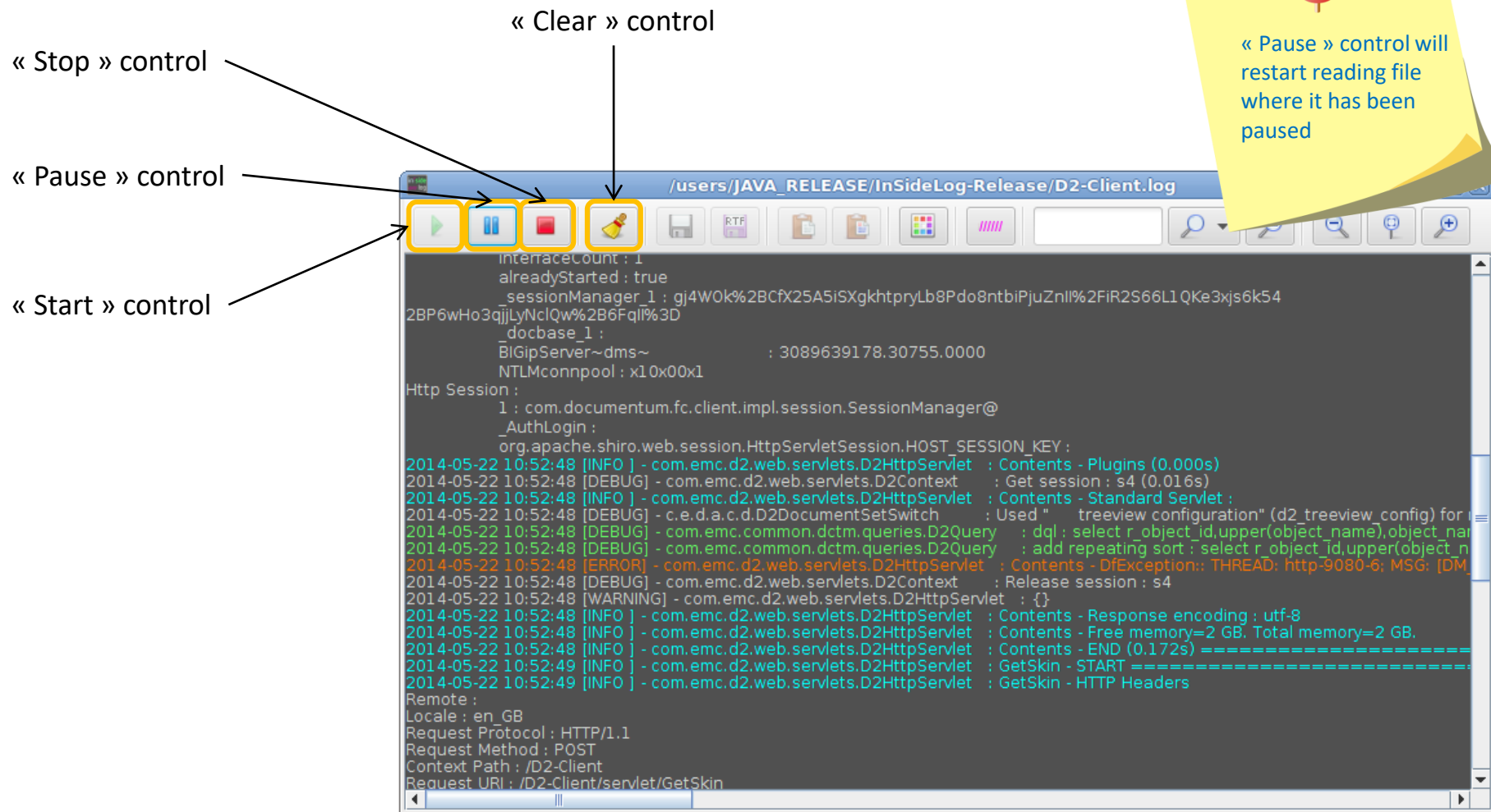


in'side log

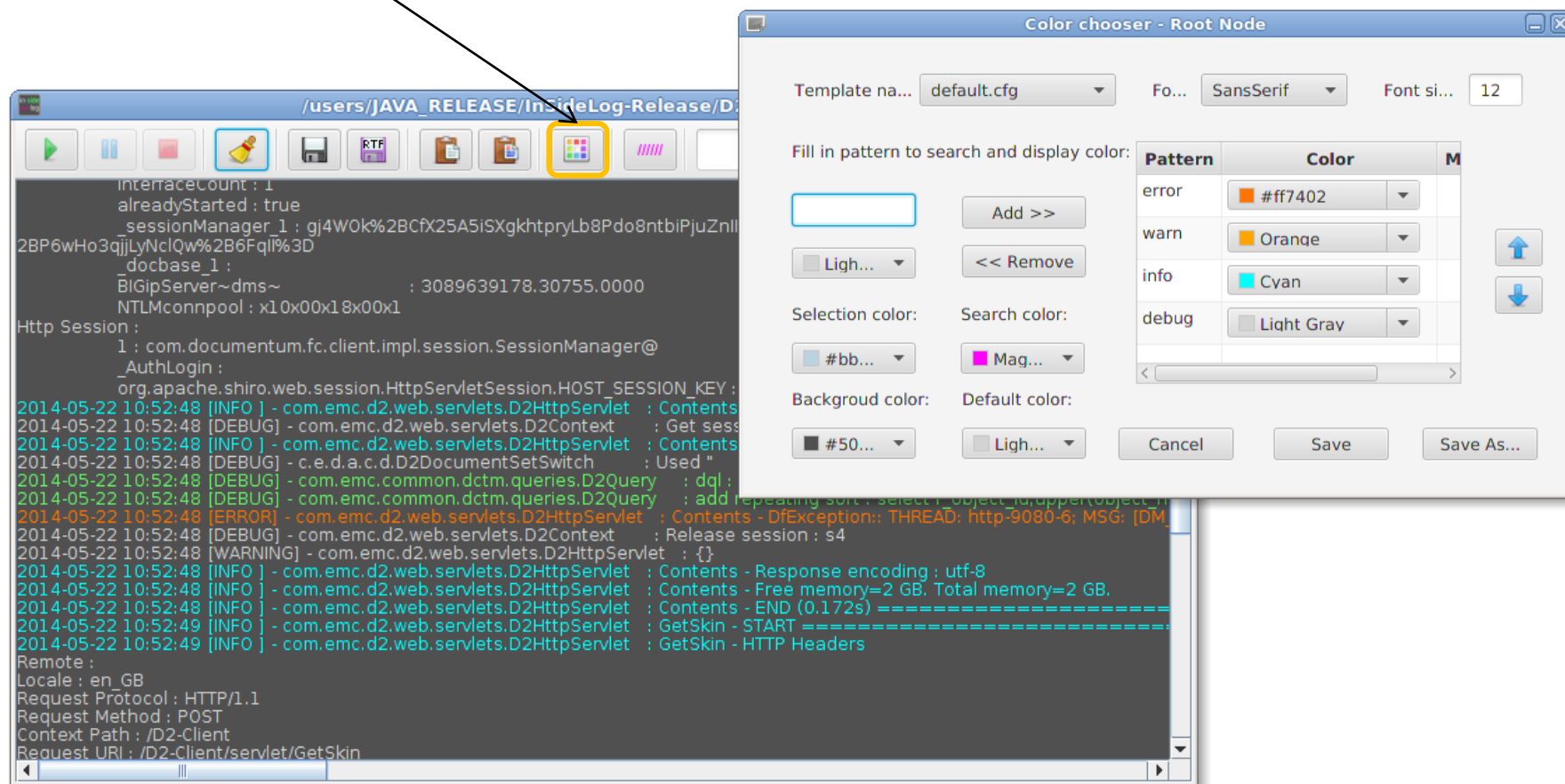
Open offline file

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

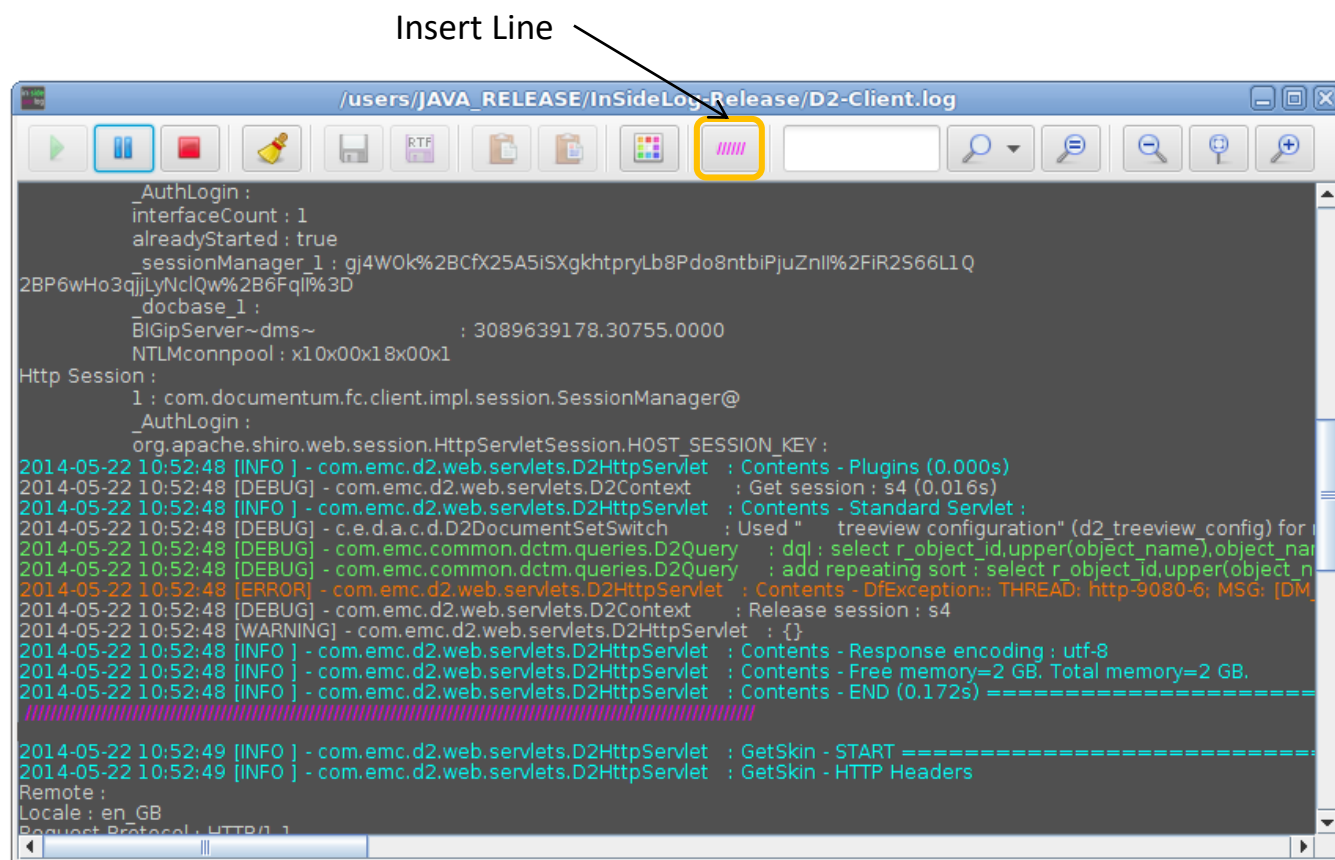




Color configuration

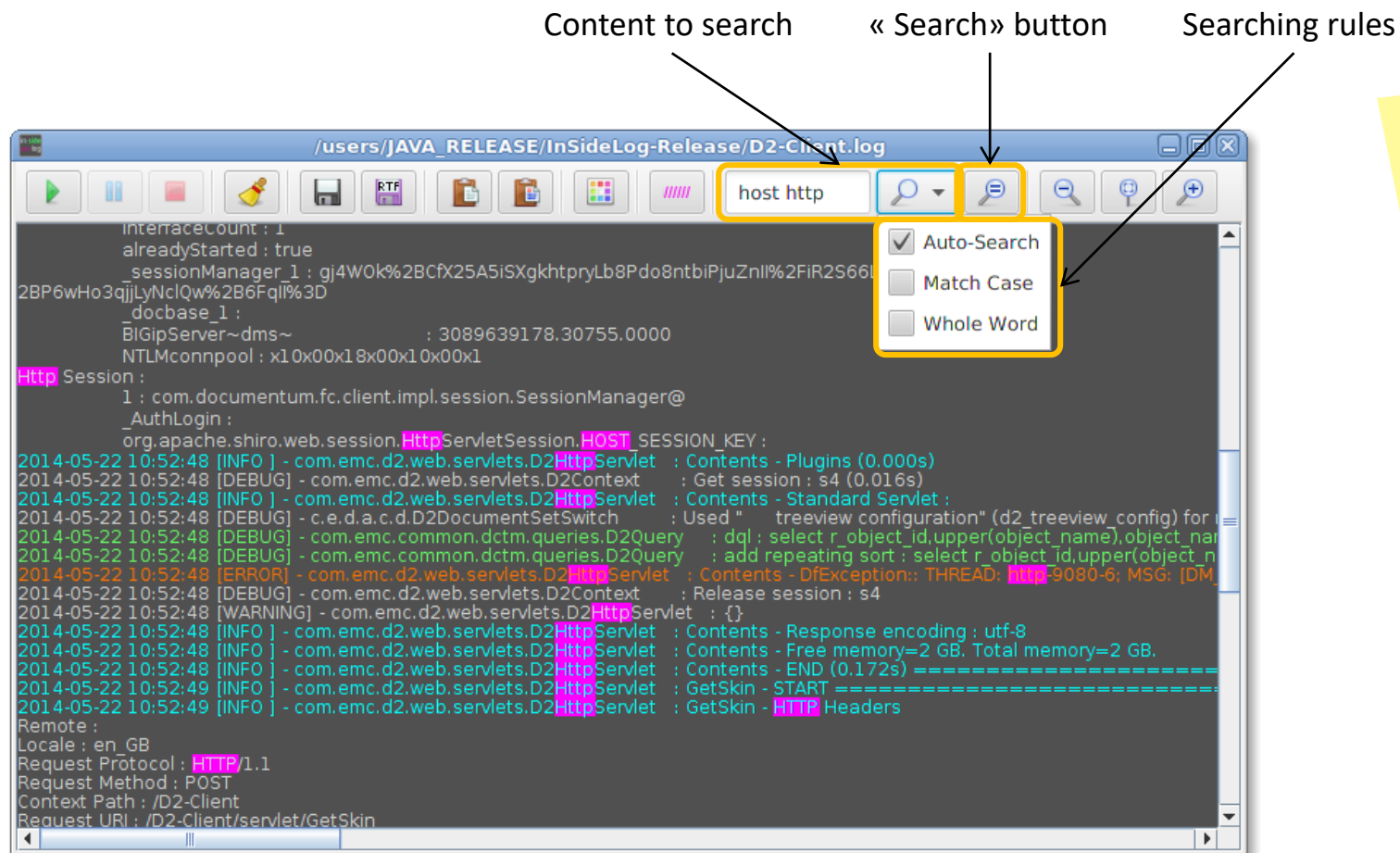


- Inserts a breaking line simultaneously inside all file windows (do not alter log content)



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

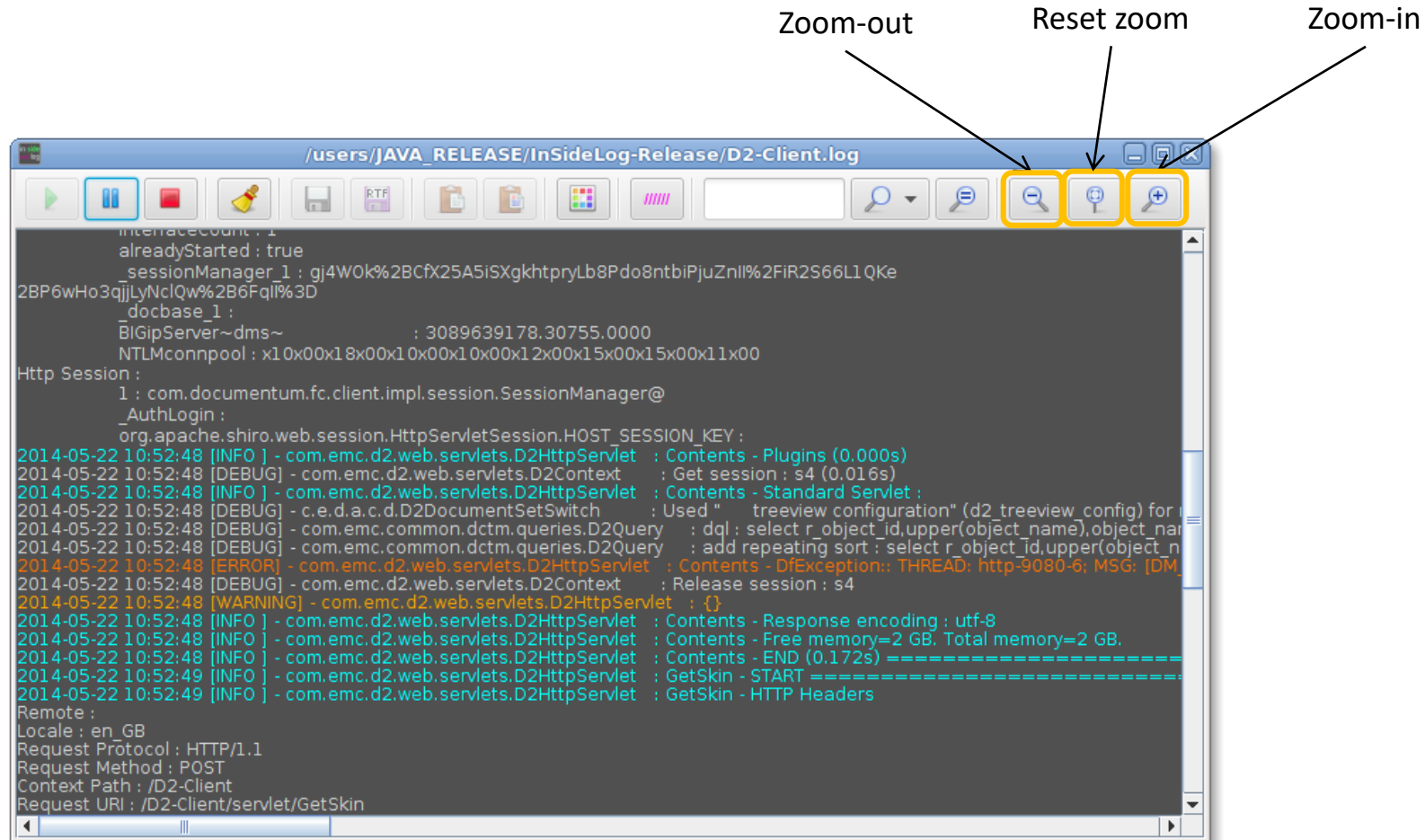
- Search and highlight matching content



in'side log

File window – Zoom

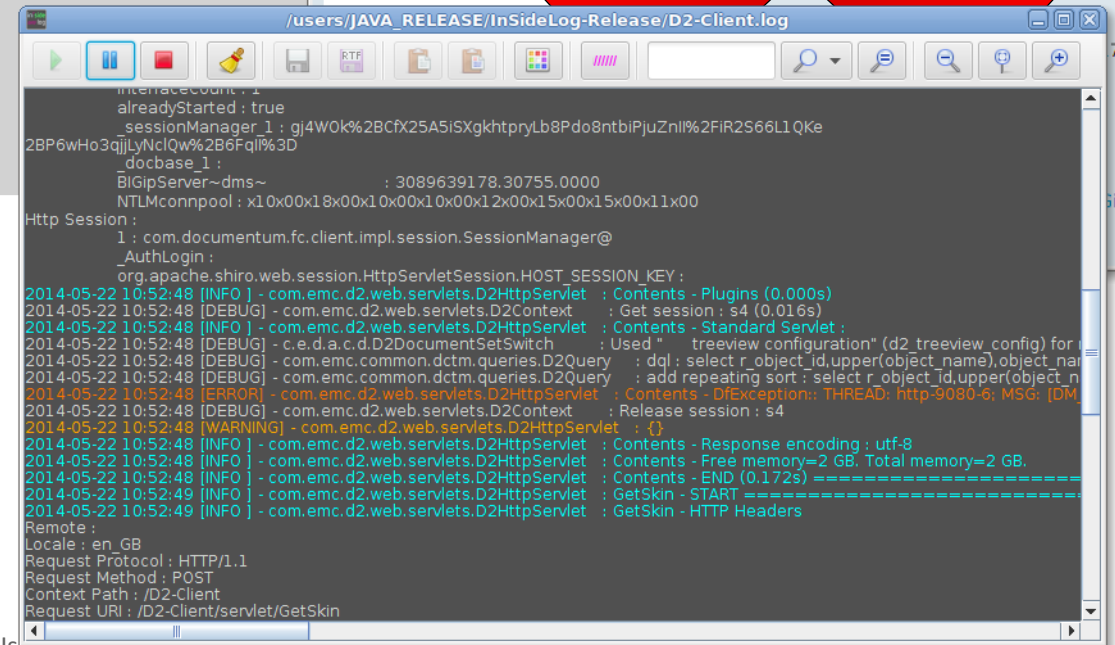
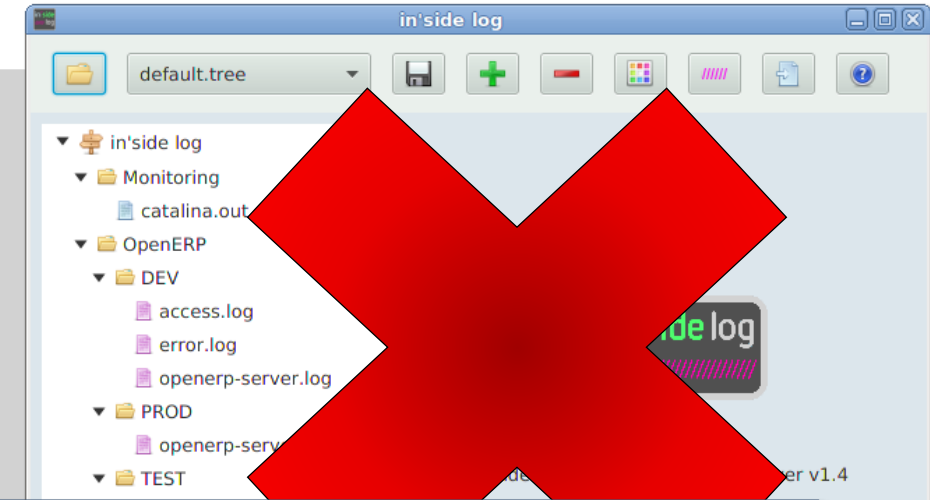
- Graphical zoom of file window content



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](#)