

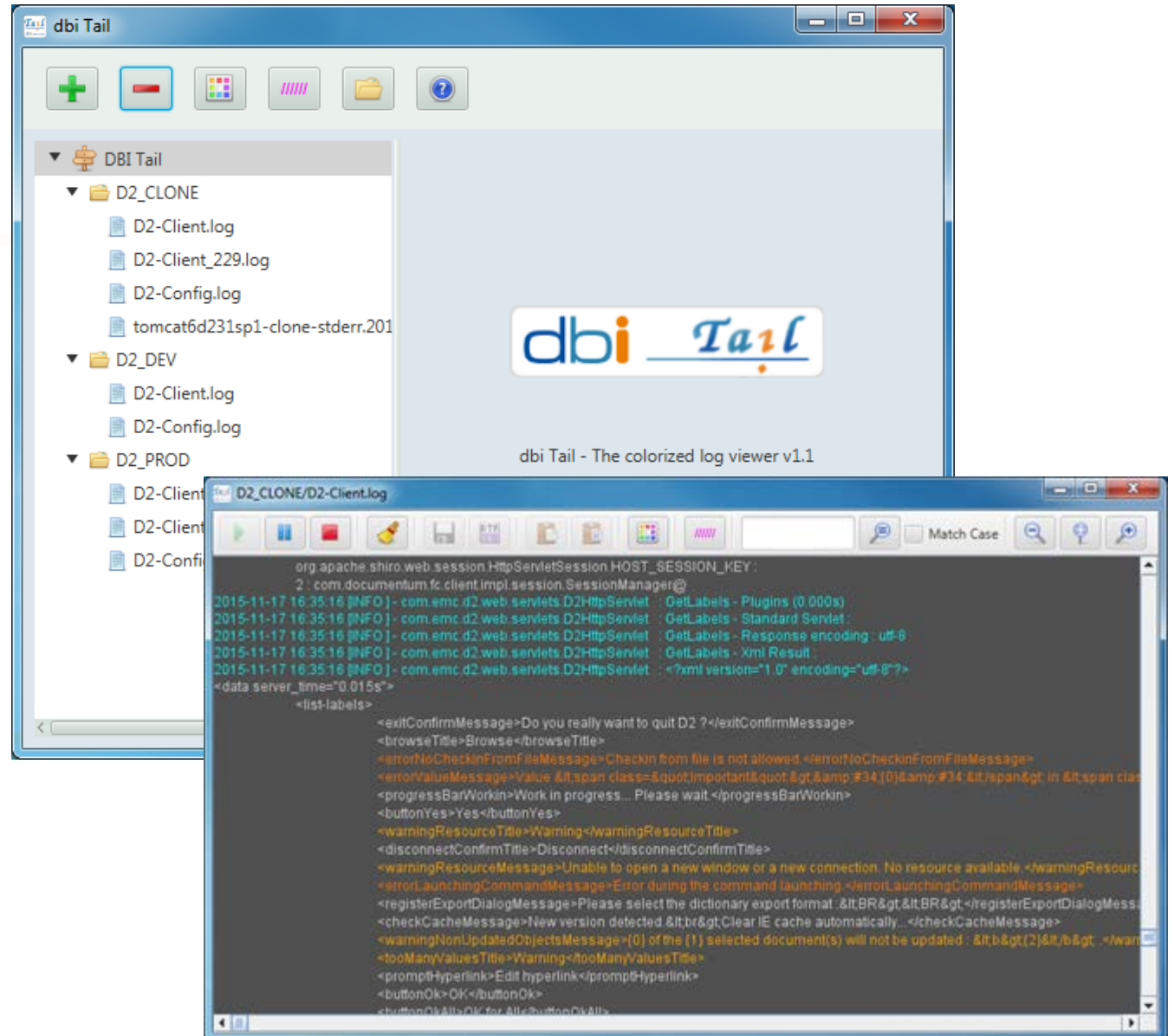
# dbi Tail User Manual

Created by [Philippe Schweitzer](#)

Visit [GitHub page](#)

dbi Tail – The colored log viewer v1.1

Released under Apache v2 License



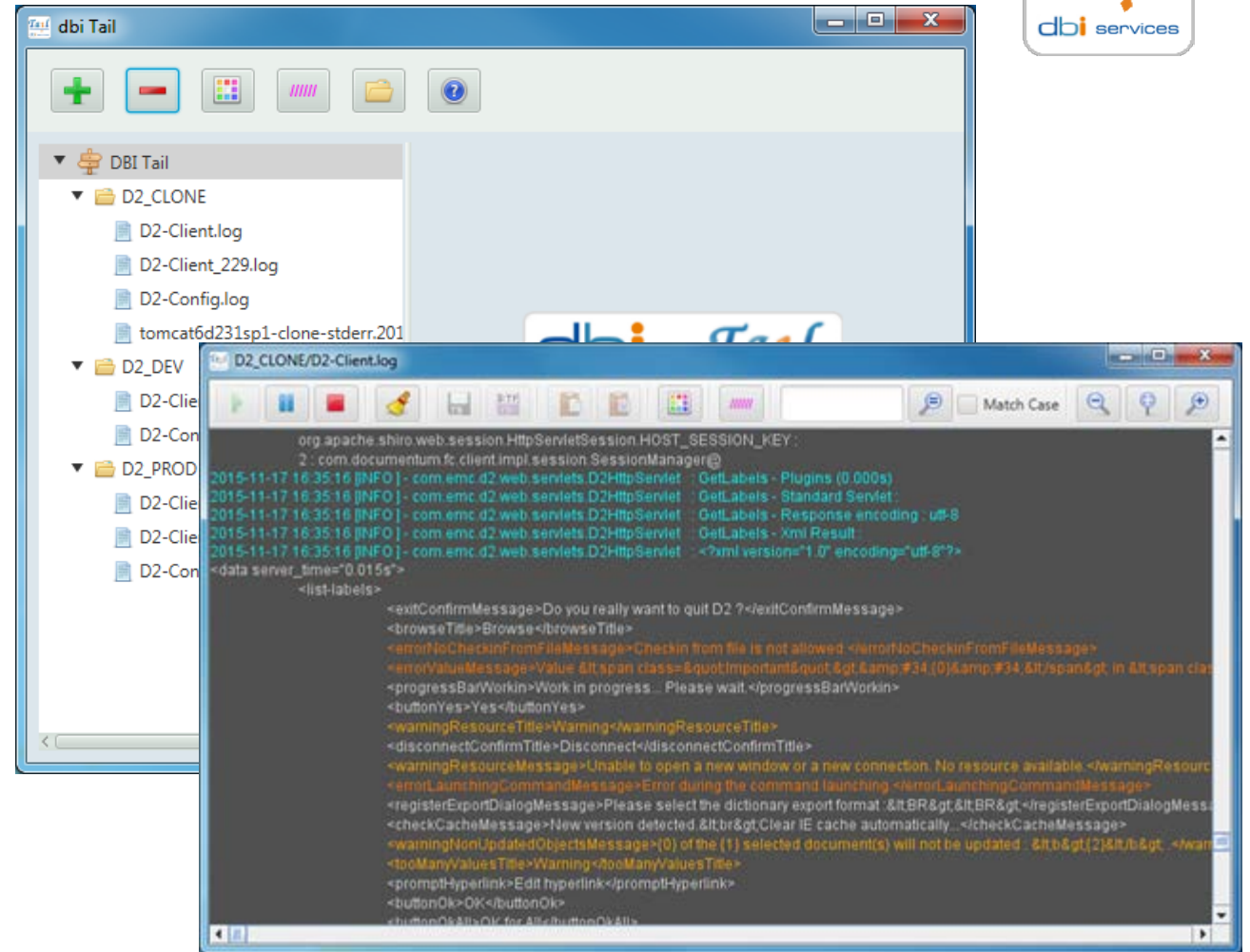
# dbi Tail

## The colored log viewer



### Key features

- > Real-time log viewer, simultaneously for multiple files
- > Color configuration with pattern matching
- > 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)



# dbi Tail

## Requirements / troubleshooting and recommendations



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 dbiTail.bat or dbitail.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 DBI Tail>\dbi-Tail.jar"

**Start in** : C:\<path to DBI Tail>

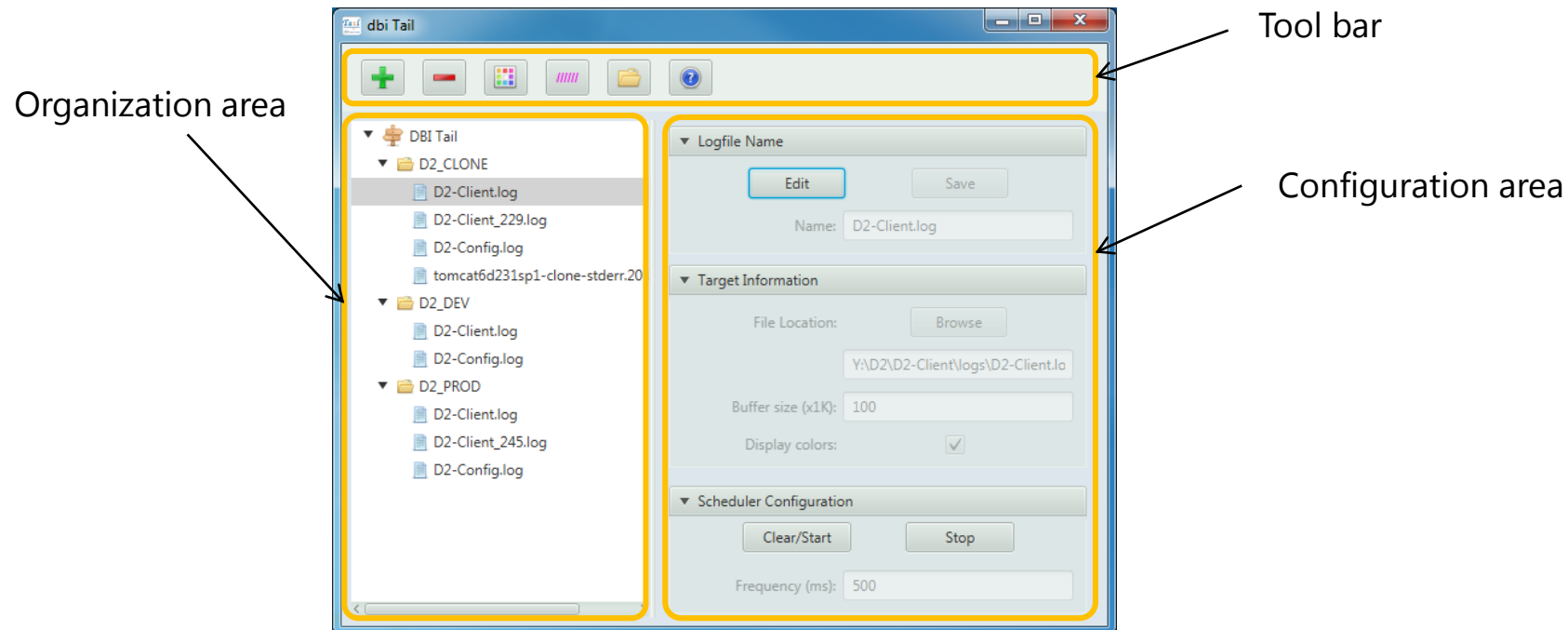


Run of DBI Tail on a production server is at your own risks.  
If you want to view log files from there, it is recommended  
to open a Read-Only shared folder over the network.

# dbi Tail Overview



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



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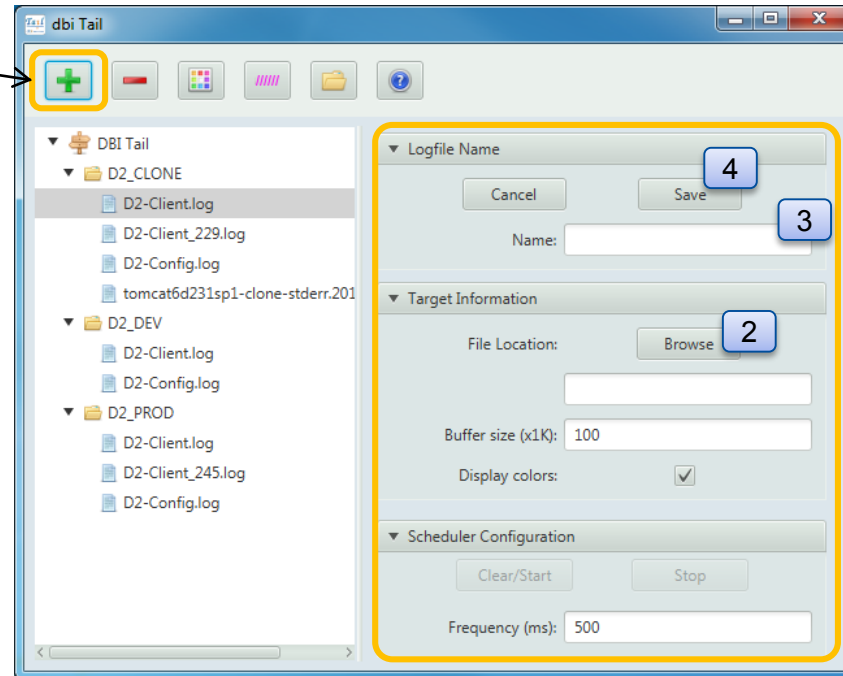
## Add new file



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

Add file

1



Configuration area

« Clear/Start » and double click on file in tree, clears and start a log window

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

If you browse file prior entering a name, name will then be setup automatically with file name

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

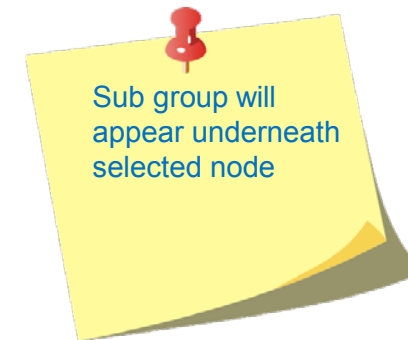
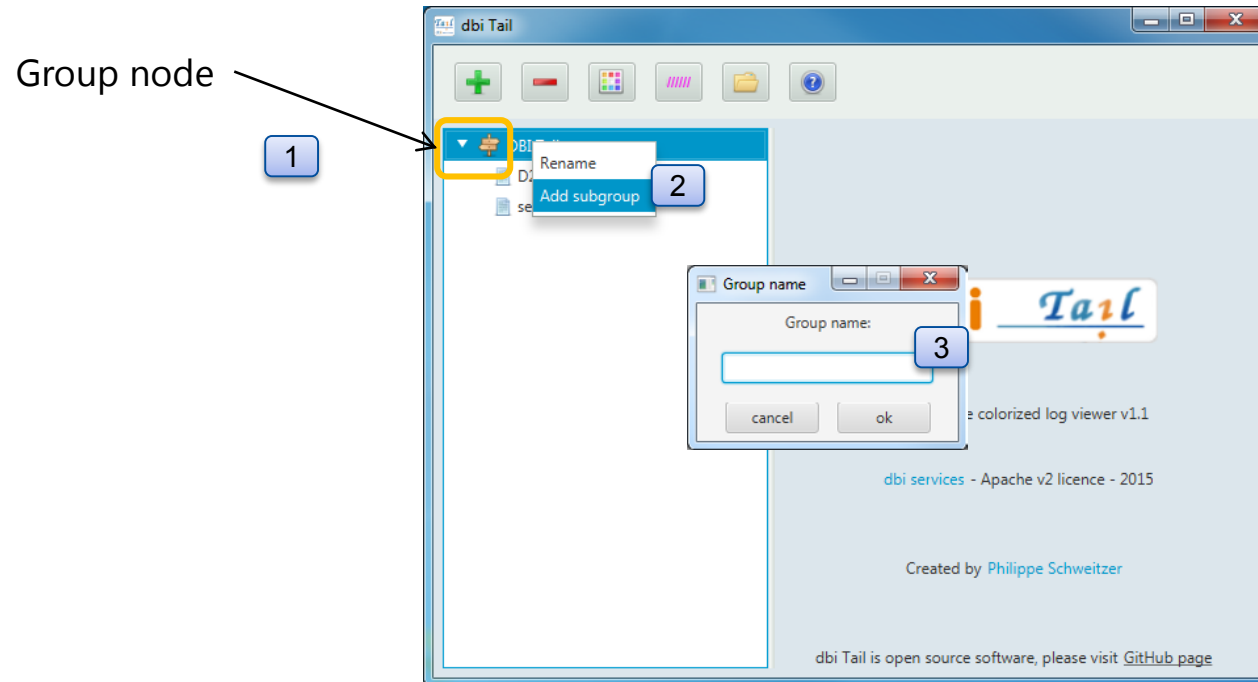
Impacts performance

# dbi Tail

## Organize files in groups – Group creation



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

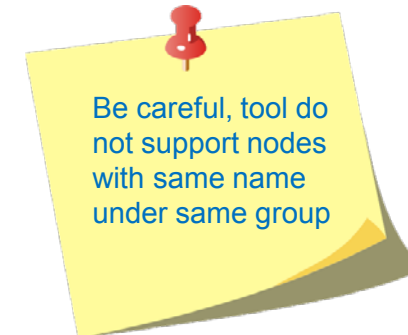
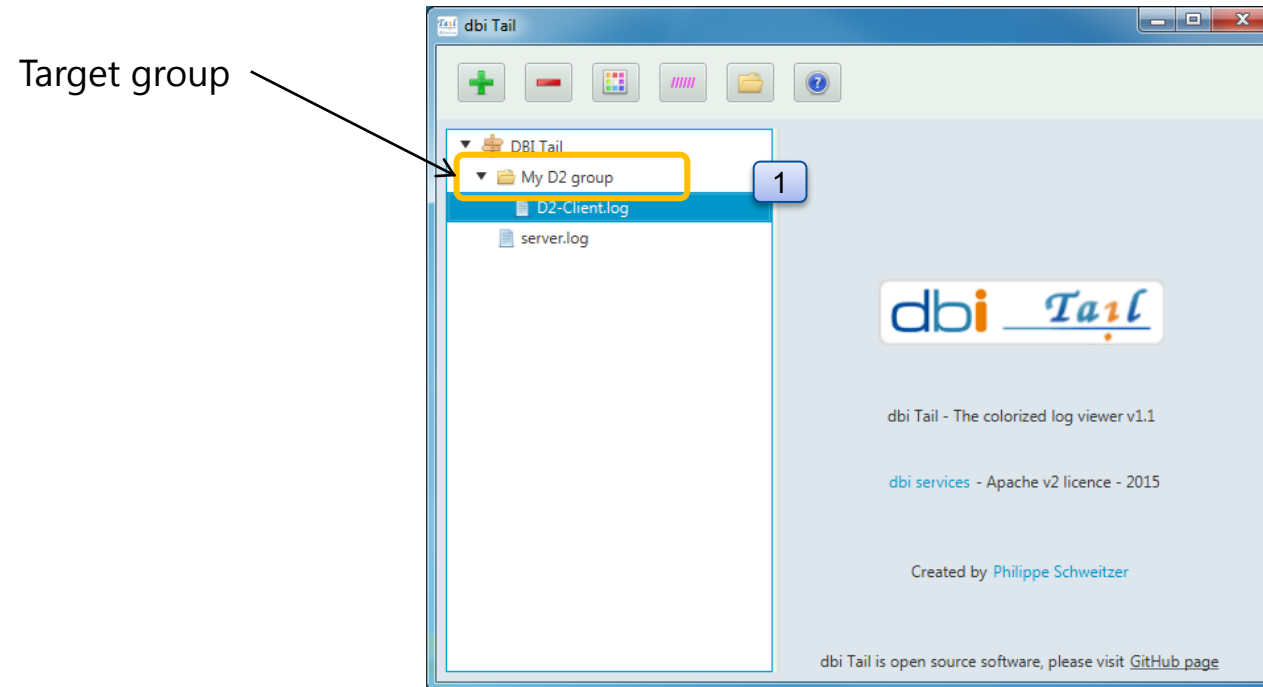


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## Organize files in groups – File or group move



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

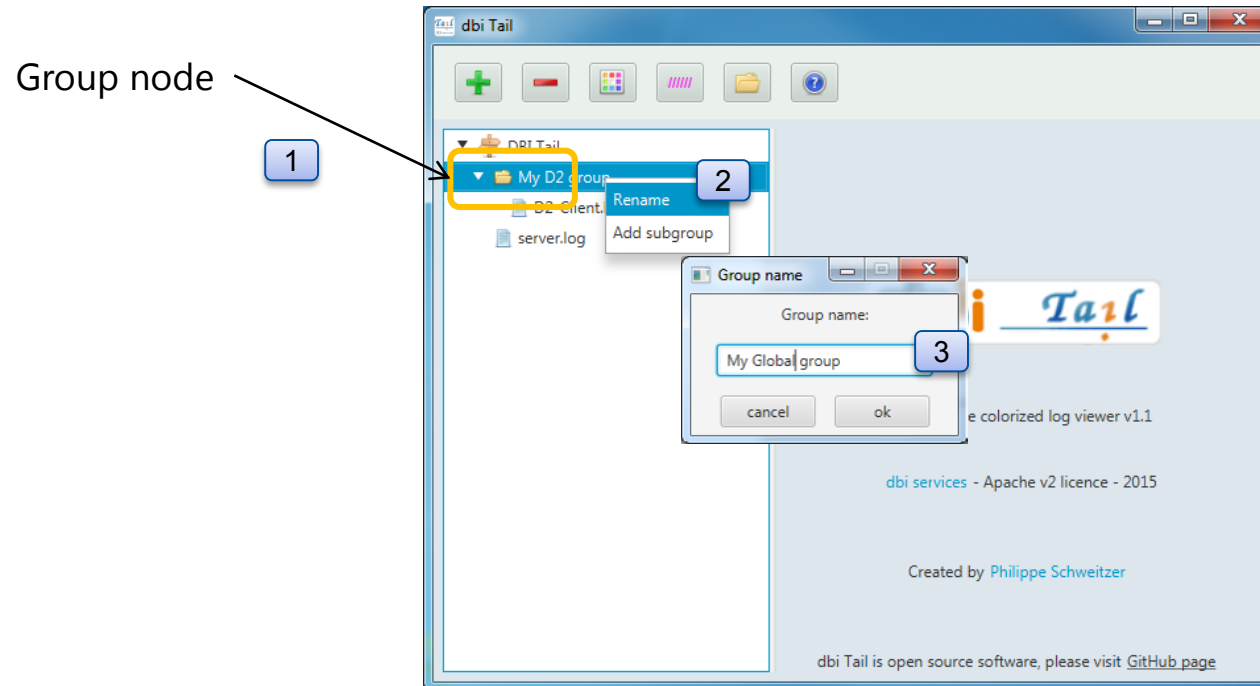


# dbi Tail

## Organize files in groups – Group rename



- > 1: Right click on root node of the tree “ DBI Tail ”
- > 2: Click on “Rename”. A popup opens.
- > 3: Enter new name of sub group and click “ OK ”. Group name if changed appears in tree



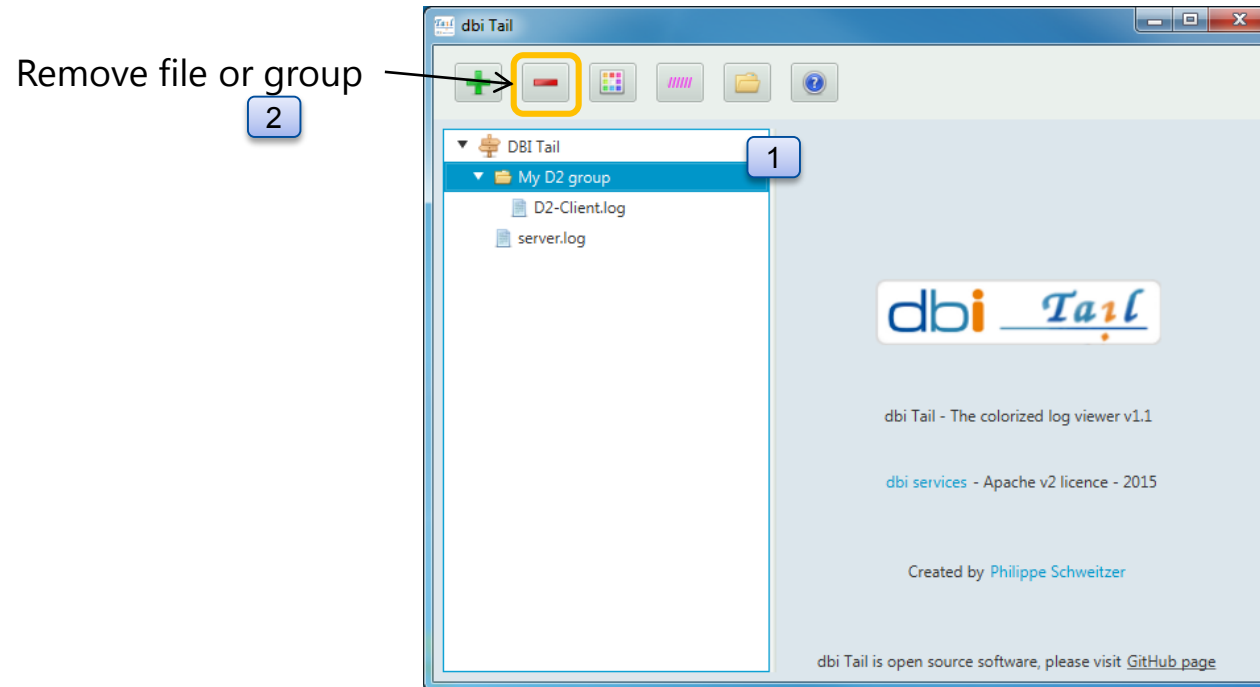


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## Remove one file or group



- > 1: Select one file or group
- > 2: Click “ Remove file ” button

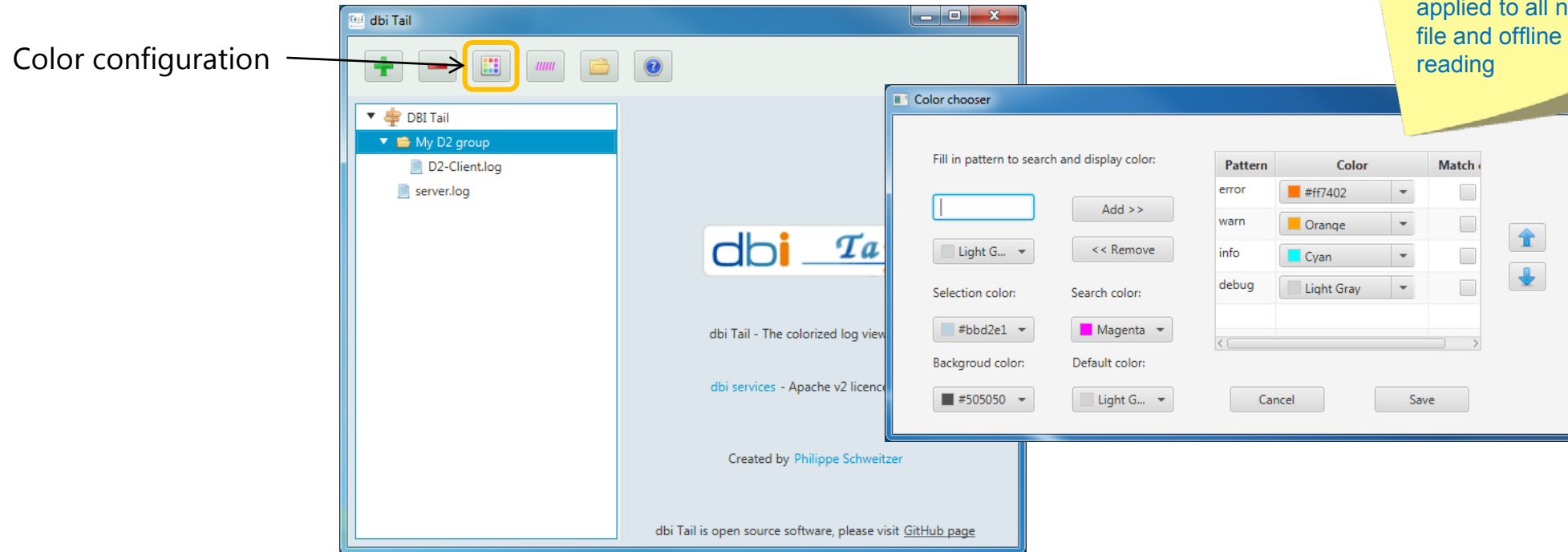


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## Default color configuration overview

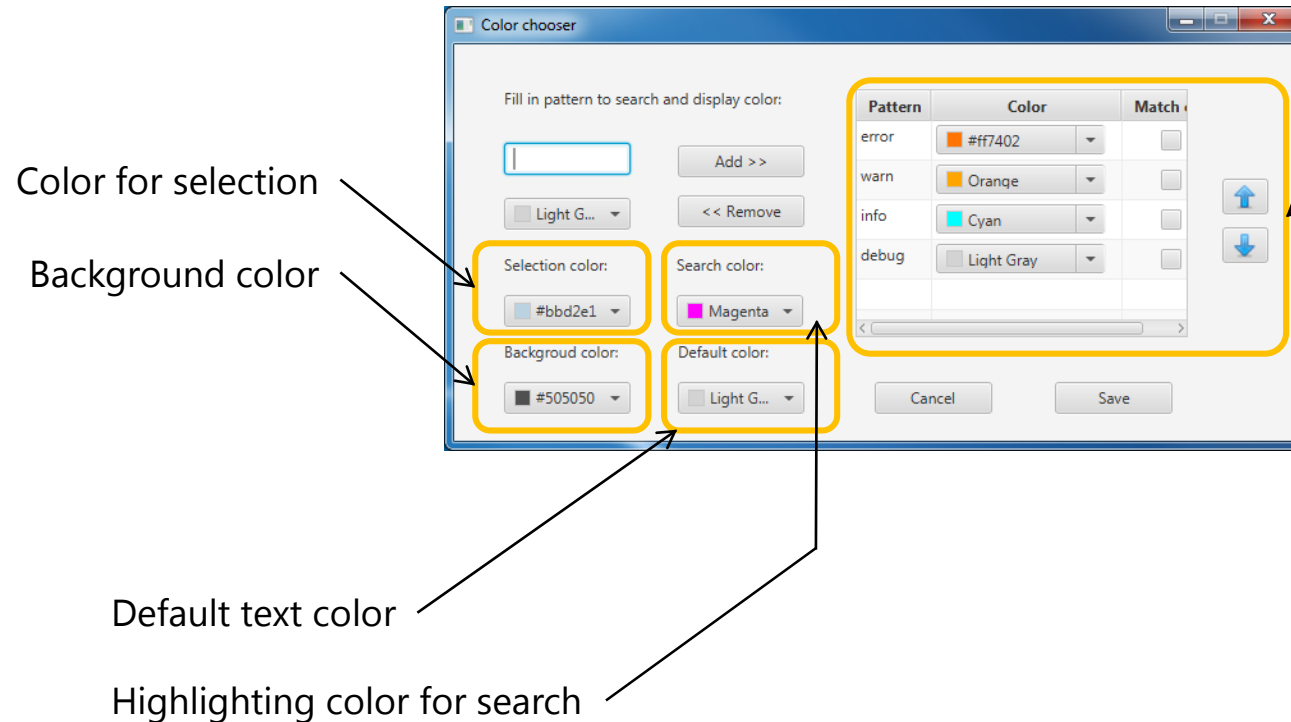


- > 1: Click on “ Choose default colors ” button. Color configuration window opens



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## Color configuration overview



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

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## Color configuration – Pattern management



Pattern

Pattern associated color

Add pattern to list

Pattern order configuration

« Match case » is for case sensitivity check

Remove pattern from list

Pattern	Color	Match
error	#ff7402	<input type="checkbox"/>
warn	Orange	<input type="checkbox"/>
info	Cyan	<input type="checkbox"/>
debug	Light Gray	<input type="checkbox"/>
select	#b3e6b3	<input checked="" type="checkbox"/>

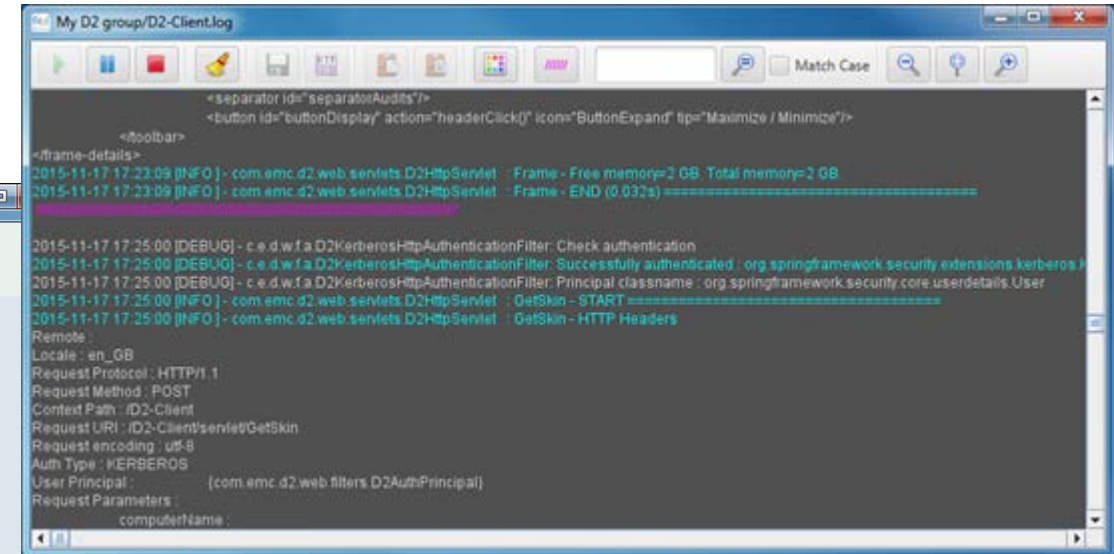
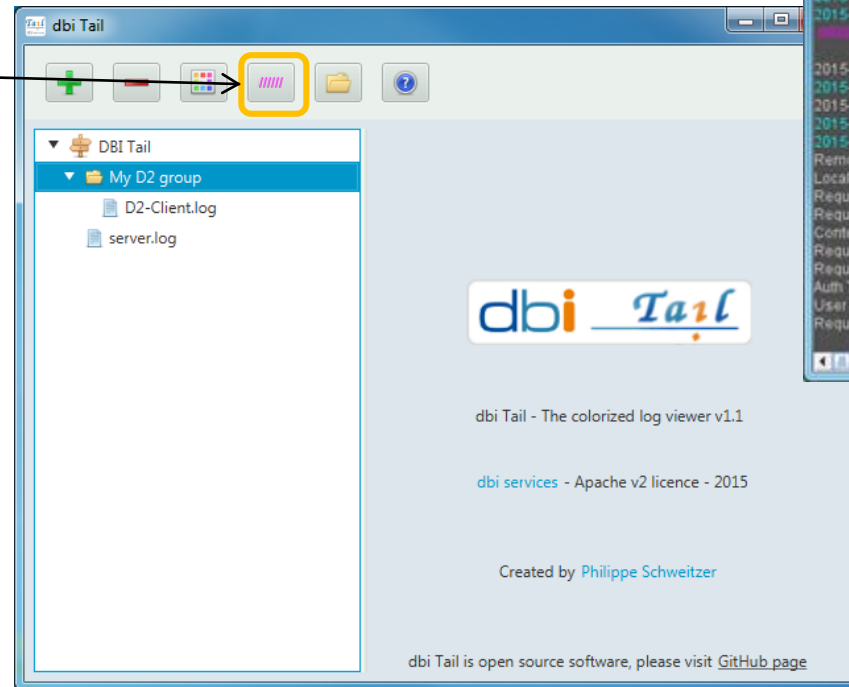
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## Insert line



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

Insert line



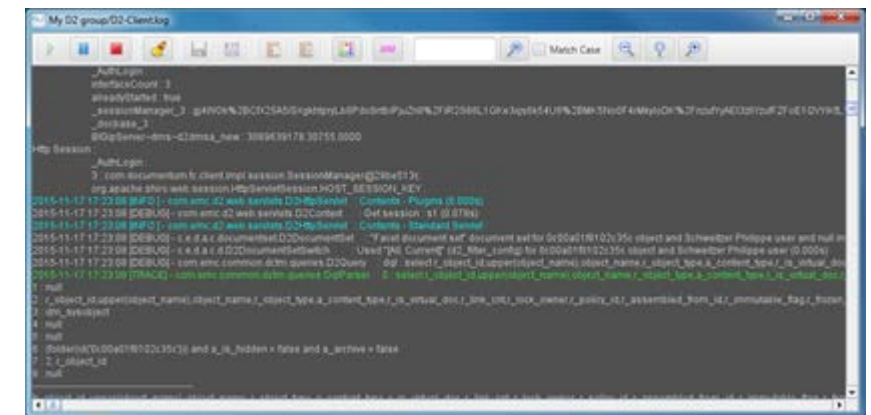
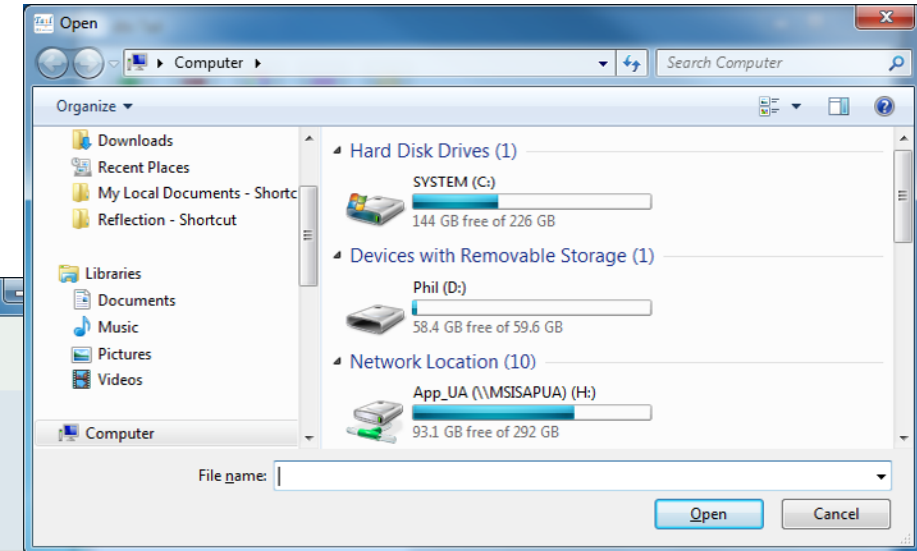
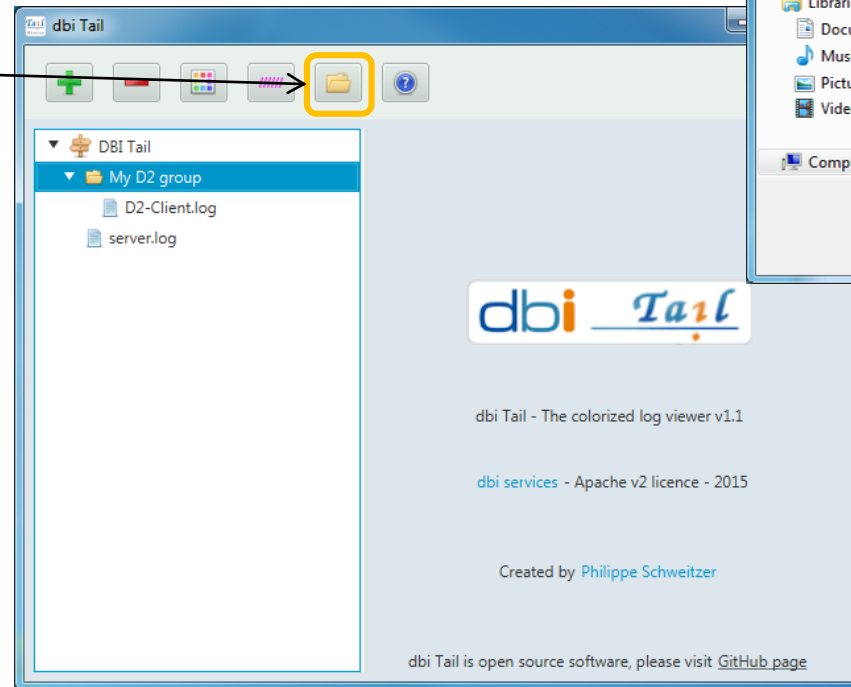
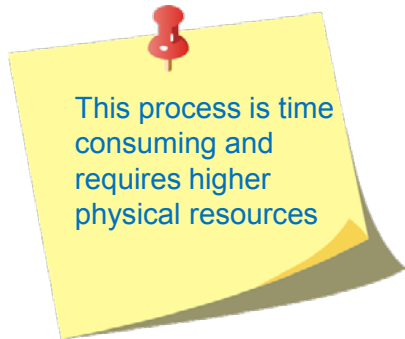
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## Open offline file



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

Open Saved File





# dbi Tail

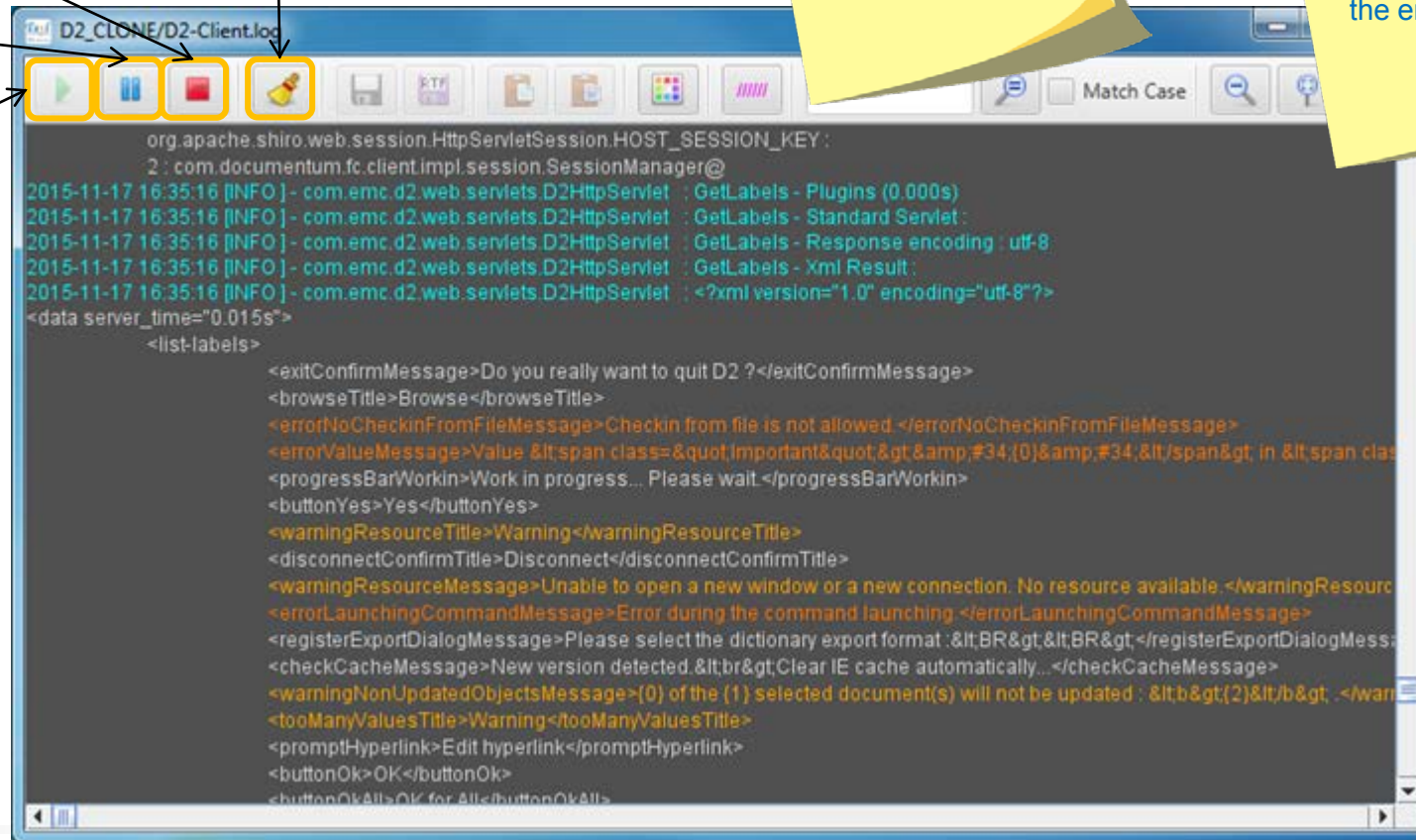
## File window controls



- « Stop » control
- « Pause » control
- « Start » control
- « Clear » control

« Pause » control will restart reading file where it has been paused

« Stop » control will restart reading at the end of the file



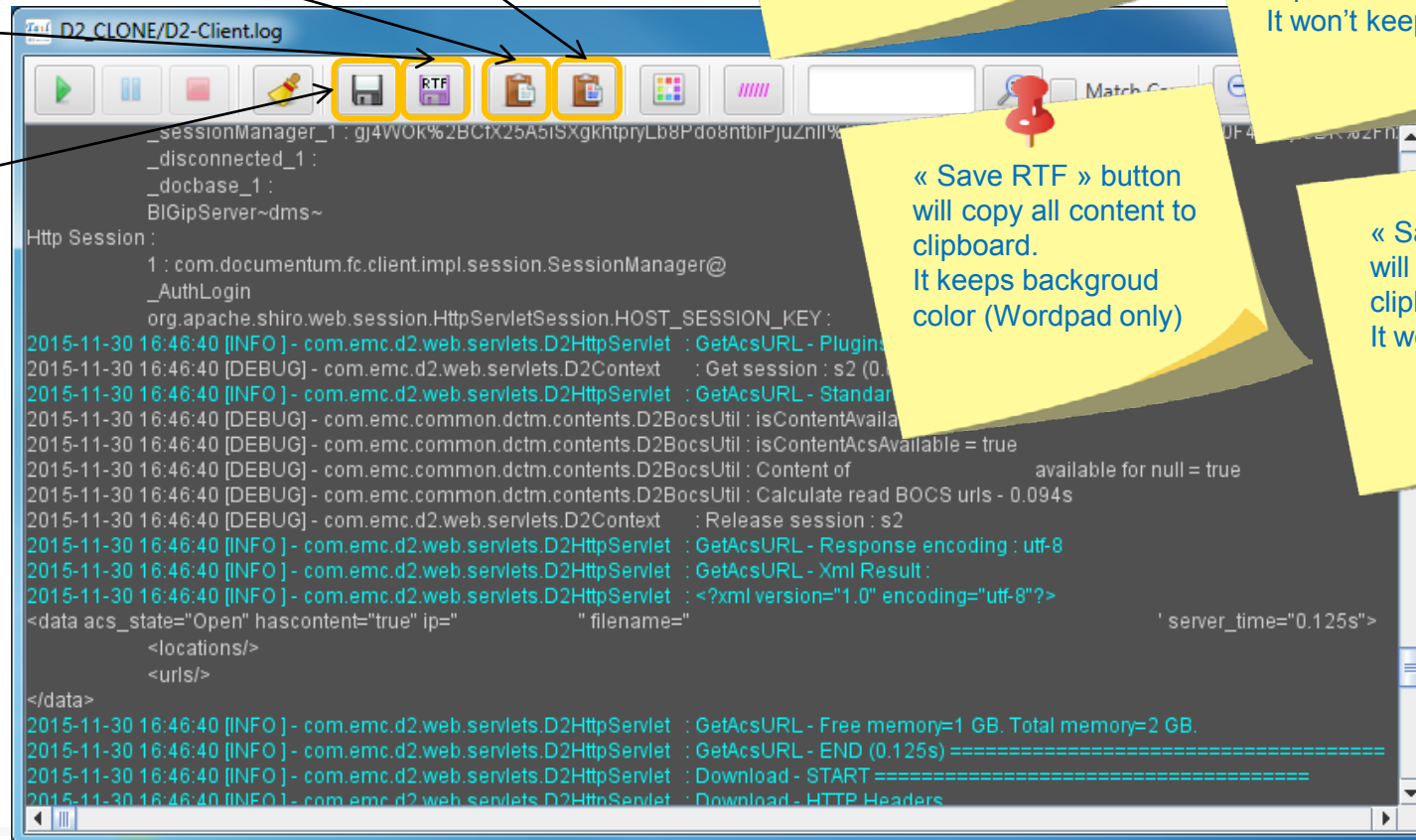
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## File window content save



- « Copy text » control
- « Save RTF » control
- « Save text » control
- « Copy RTF » control

Process must be stopped or paused to allow saving



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

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

« Save RTF » button will copy all content to clipboard. It keeps background color (Wordpad only)

« Save text » button will copy all content to clipboard. It won't keep any color



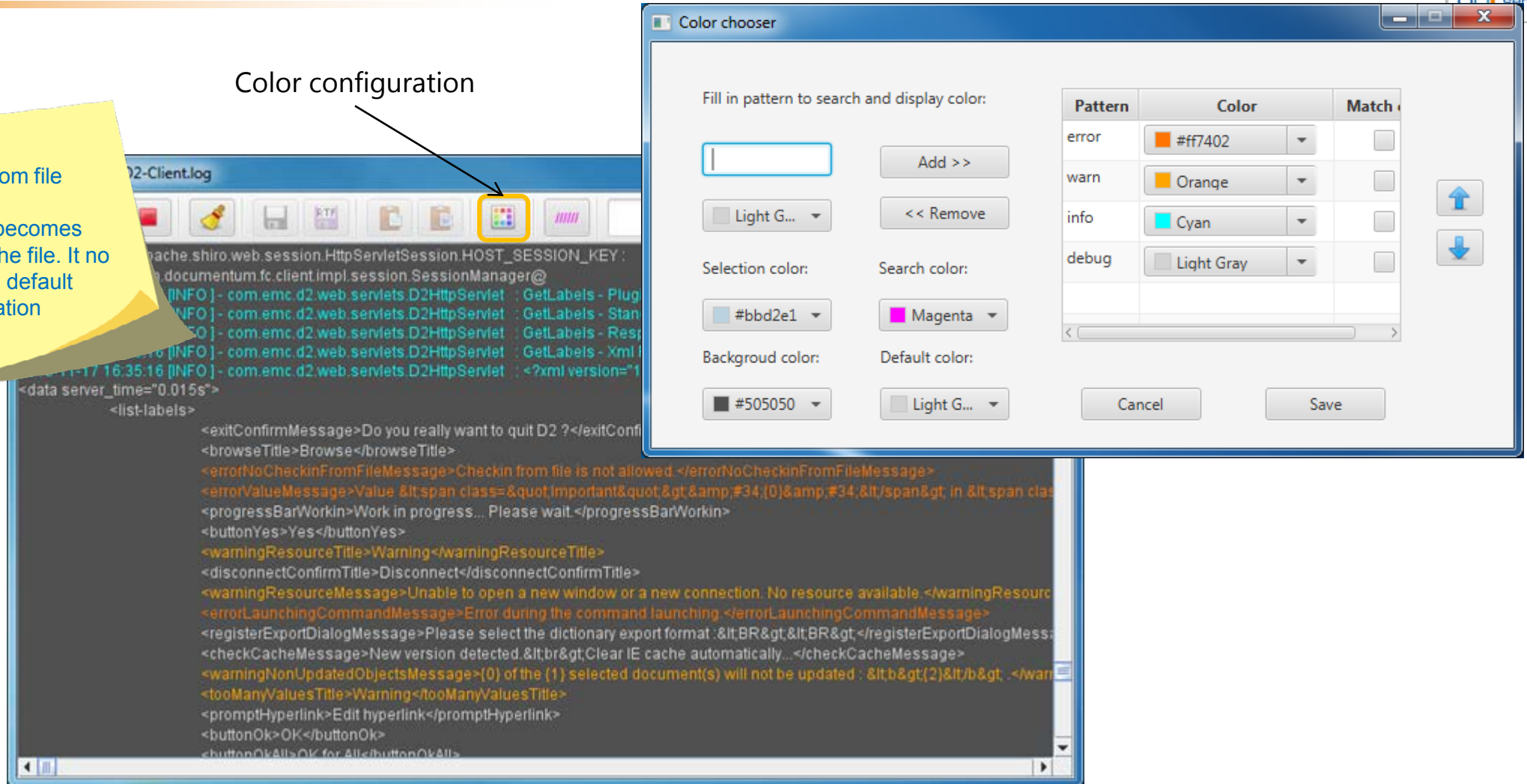
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## File window color management



Color configuration

Once saved from file window, color configuration becomes individual for the file. It no longer will use default color configuration



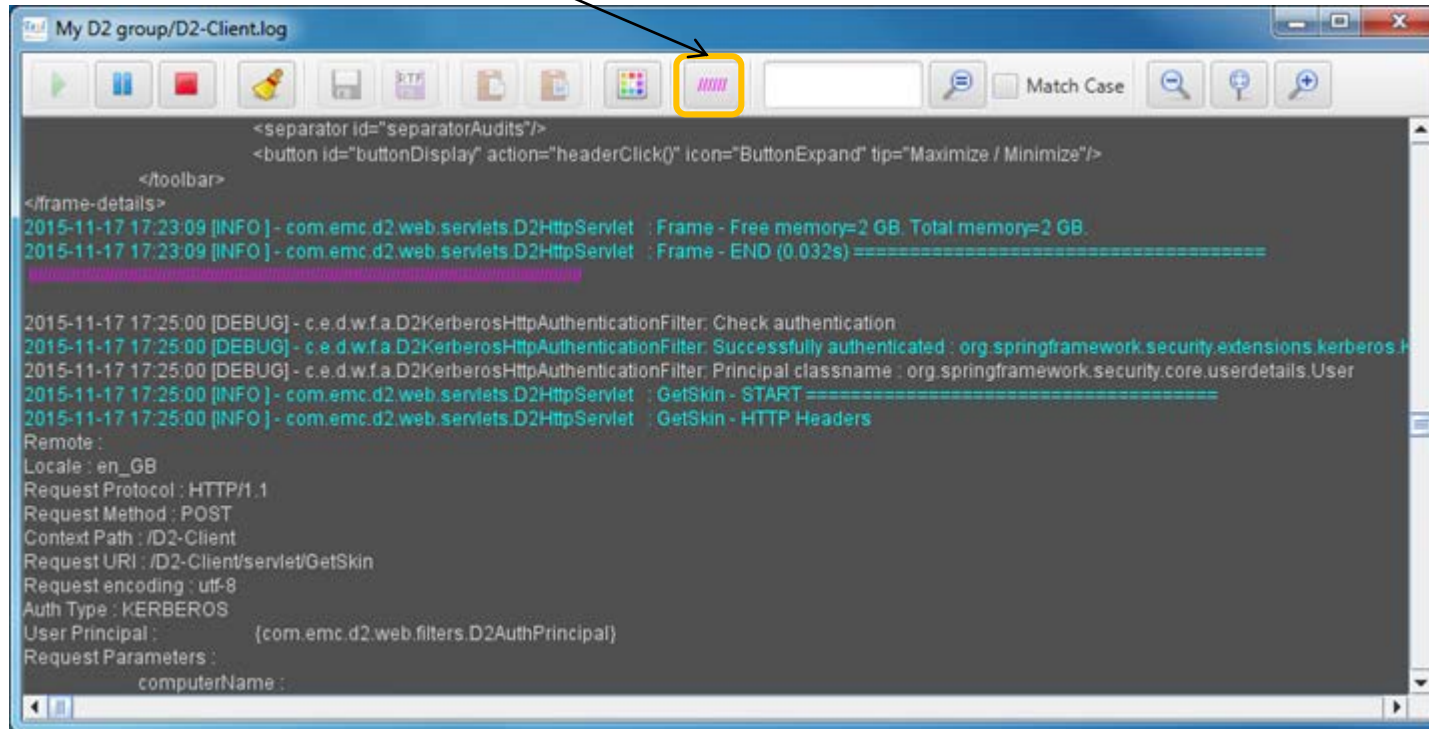
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## File window Insert Line



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

Insert Line



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

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## File window Search

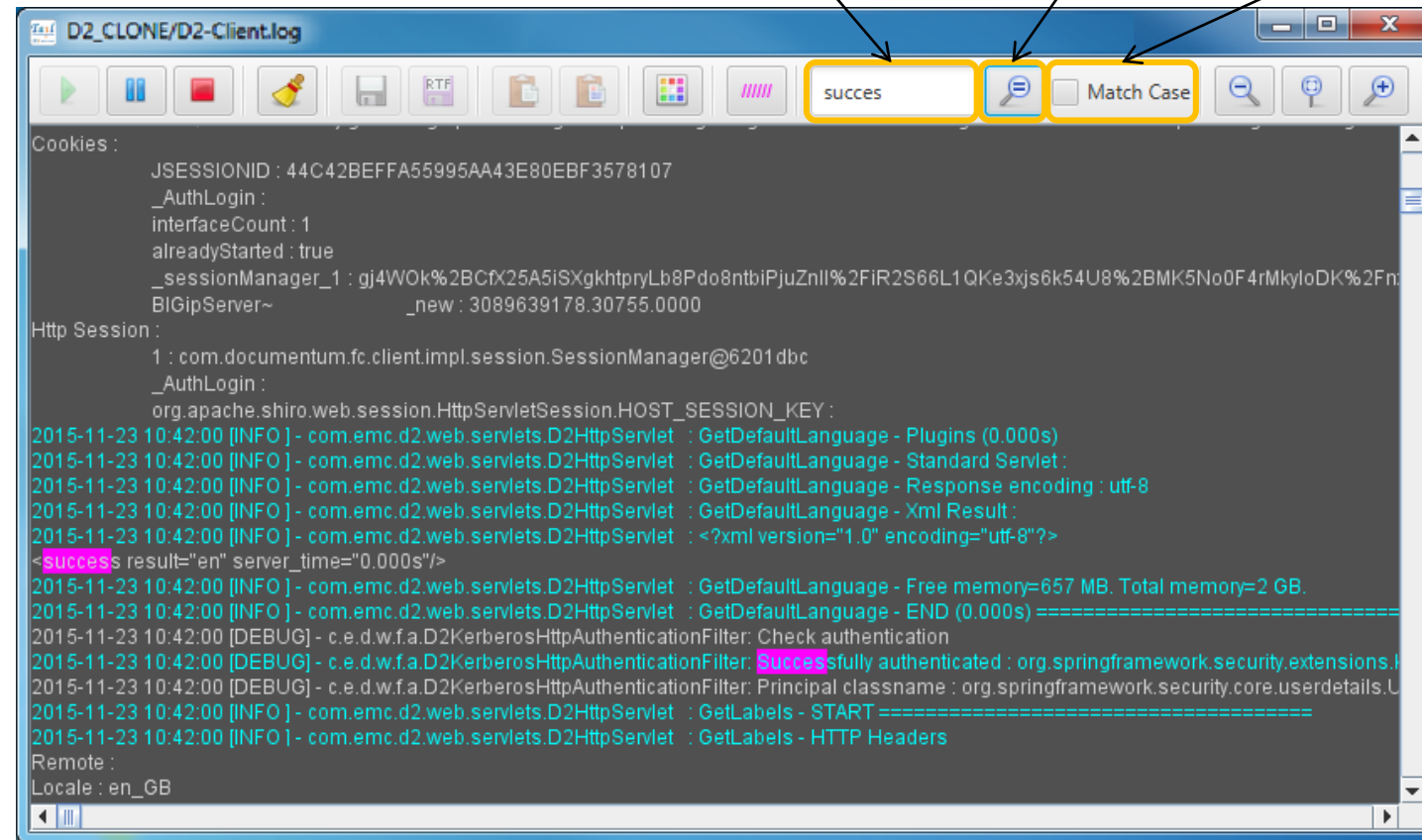


- > Search and highlight matching content

Content to search

« Search » button

Case sensitivity



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## File window Zoom

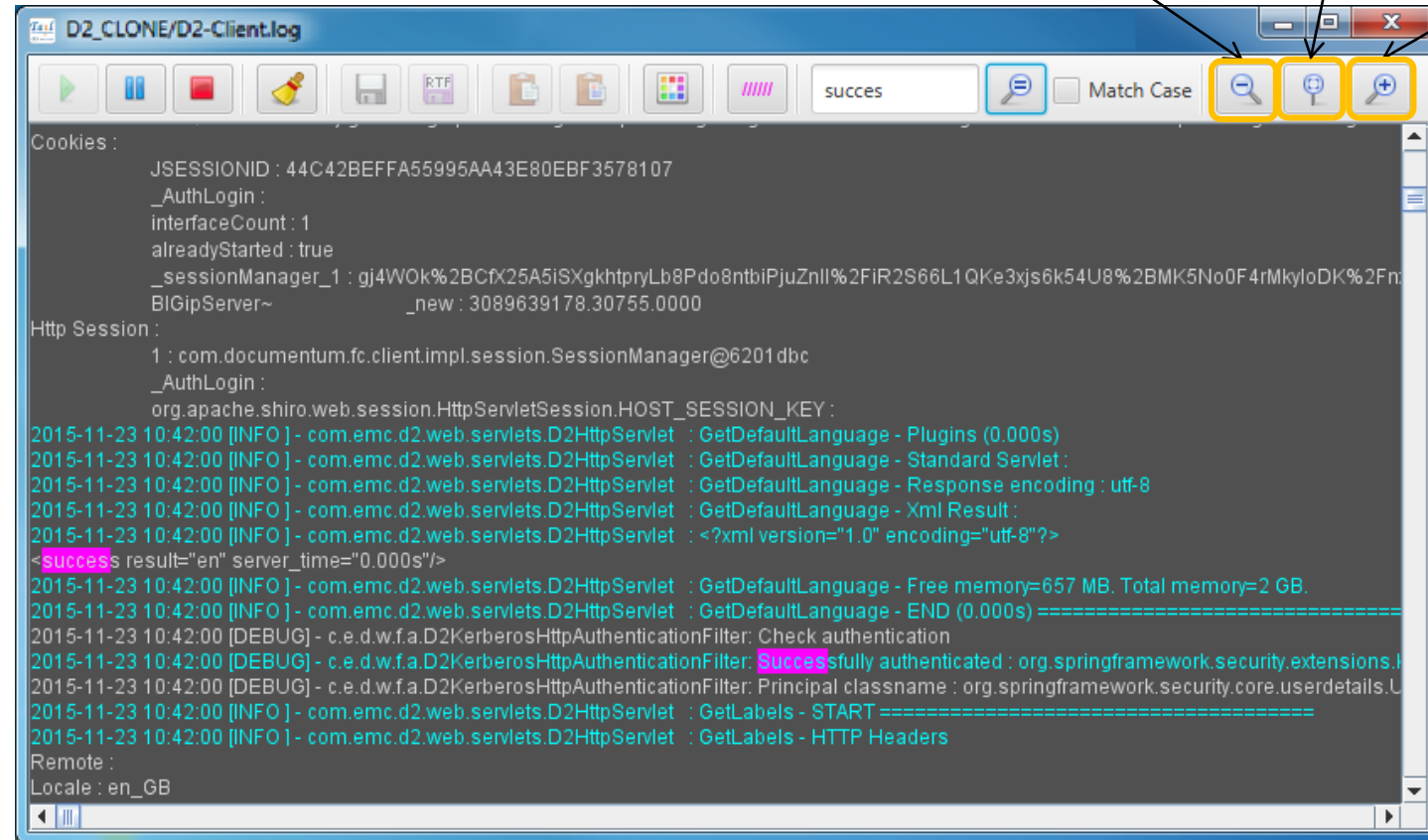


> Graphical zoom of file window content

Zoom-out

Reset zoom

Zoom-in





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## Command line start / File window only



It is possible to invoke start of a tail session from command line

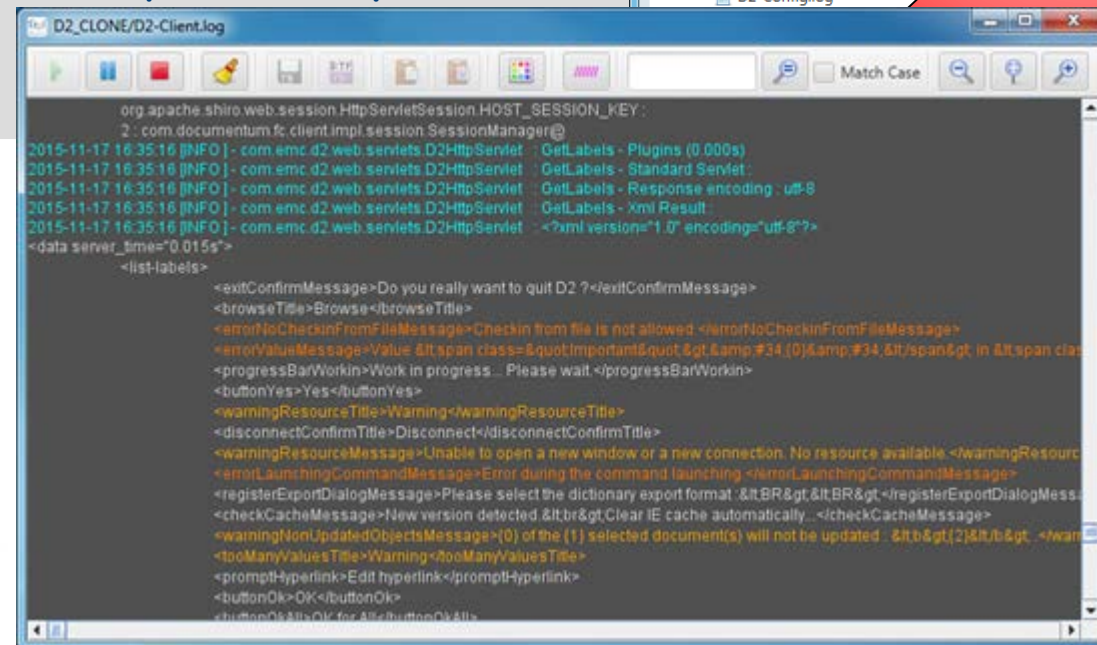
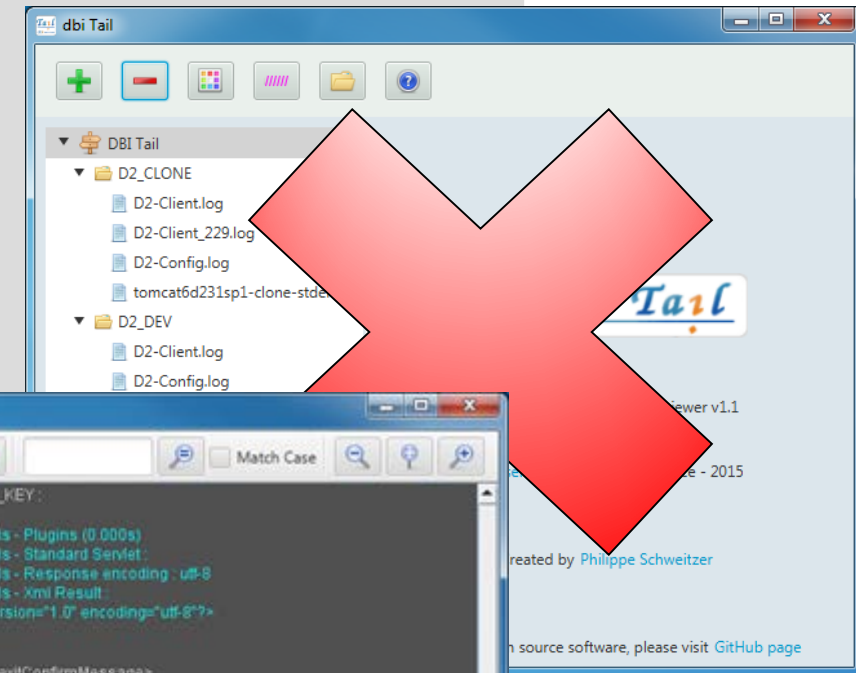
-> it will open File window for each file passed in argument

-> 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 " >>

<< dbiTail.bat C:\<path to log file1> ... >>



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## Default configurations



DBI tail allows to change some default configurations. They can be setup inside “[tail.properties](#)” file, under “[etc](#)” folder

Logging level, which appears in java output console ([trace](#), [debug](#), [info](#), [warning](#), [error](#), [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`

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## Color configurations reset



Reset default color configuration

Locate in folder “etc”, and delete “color.cfg” file

Reset individual files color configuration

**ALL:** Locate in folder “etc”, and delete all “\*.cfg” files with an UUID name,  
like: “3ae30ab7-a68e-4ce1-801b-1d9e680cb8ae.cfg”

**ONE:** Locate in folder “etc”, file “tree.cfg”. Open “tree.cfg” and locate color file name associated with log file having an UUID name, like: “3ae30ab7-a68e-4ce1-801b-1d9e680cb8ae.cfg”, then delete the color file

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## License details



DBI Tail is released under Apache v2 License

DBI Tail uses one library that is not part of Java standard platform.

- “[juniversalchardet](#)” is a Java port of 'universalchardet', that is the encoding detector library of Mozilla, released under MOZILLA PUBLIC LICENSE v1.1

DBI Tail uses icons that are not part of Java standard platform.

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