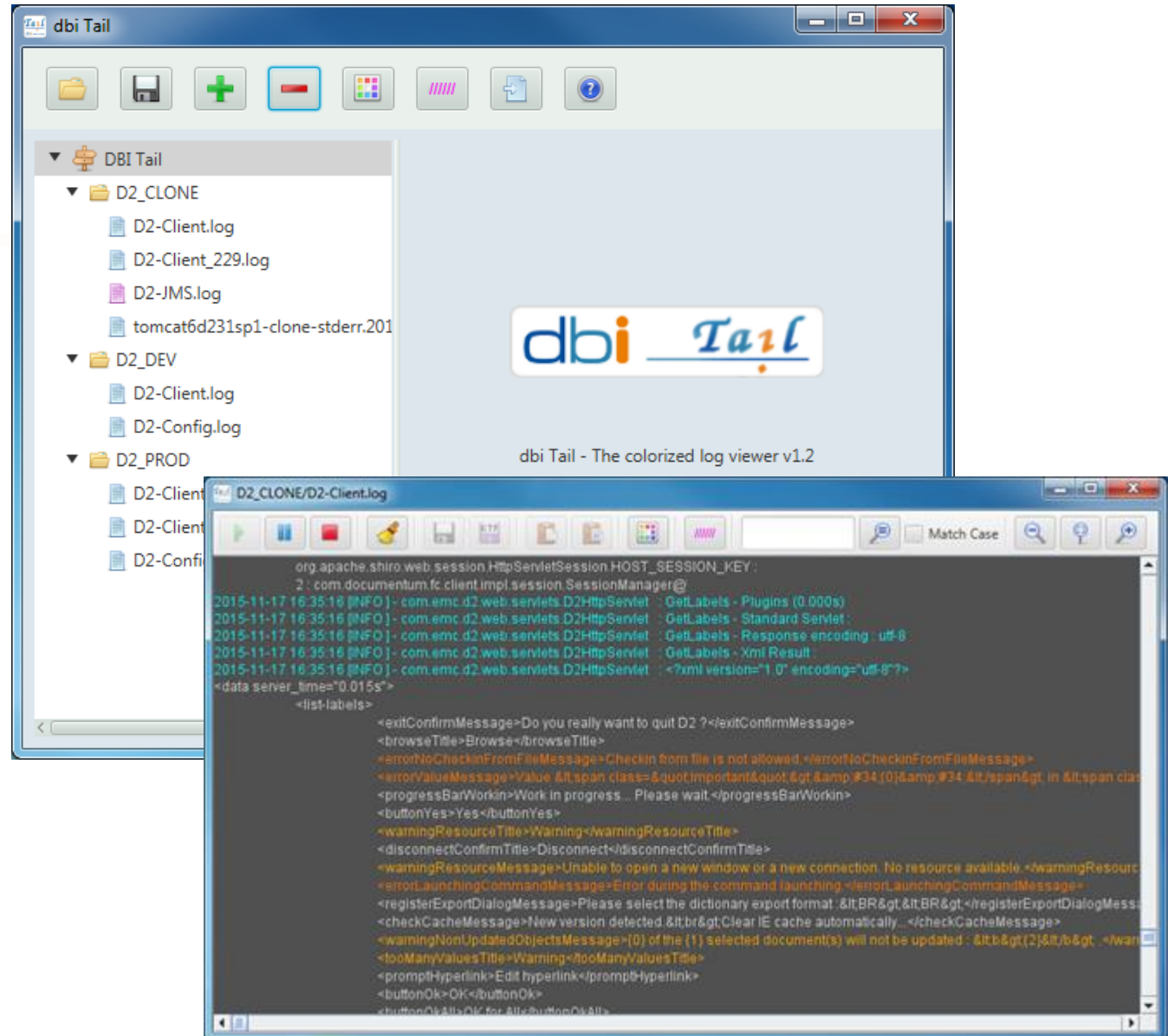# dbi Tail User Manual

Created by Philippe Schweitzer

Visit GitHub page

dbi Tail – The colorized log viewer v1.2.1

Released under Apache v2 License

dbi Tail
The colorized log viewer

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)

dbi Tail
Requirements / troubleshooting and recommendations
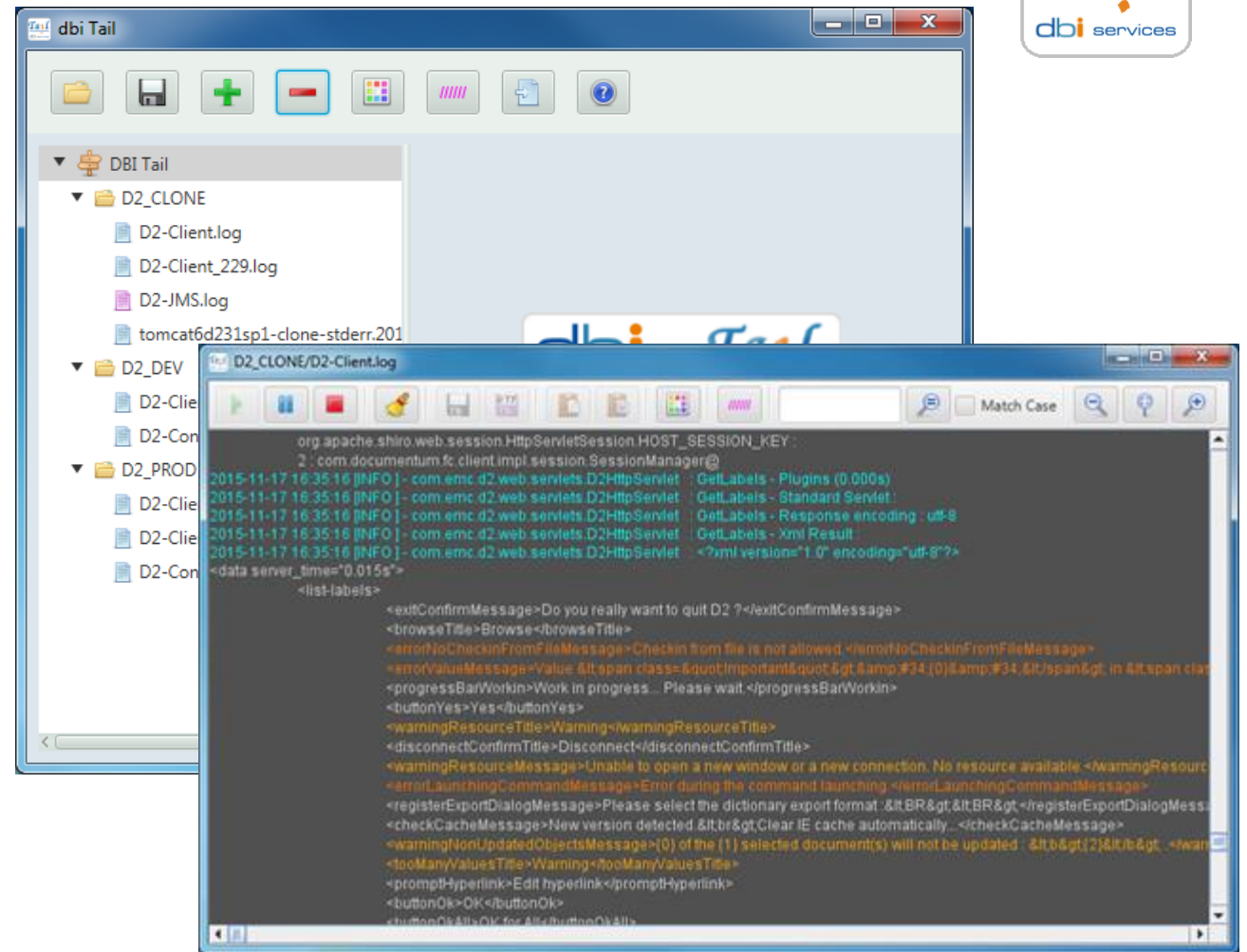
Requires java 8.0_60 or higher

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, or to use SSH.

dbi Tail
Overview

> " Tool bar " serves for common actions

> " Organization area " allows to put configured files in a tree form organization

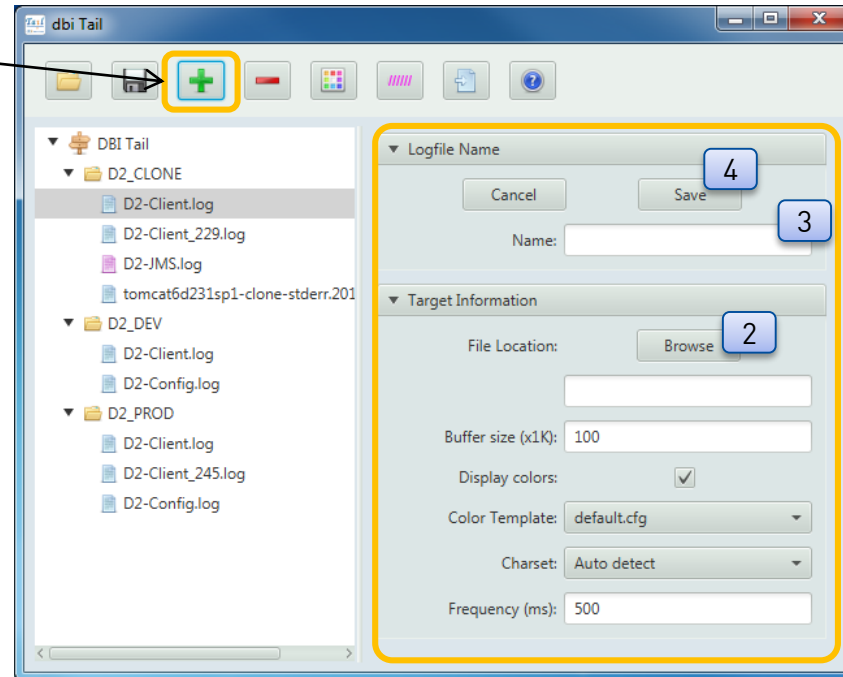> " Configuration area " allows to configure files to parse
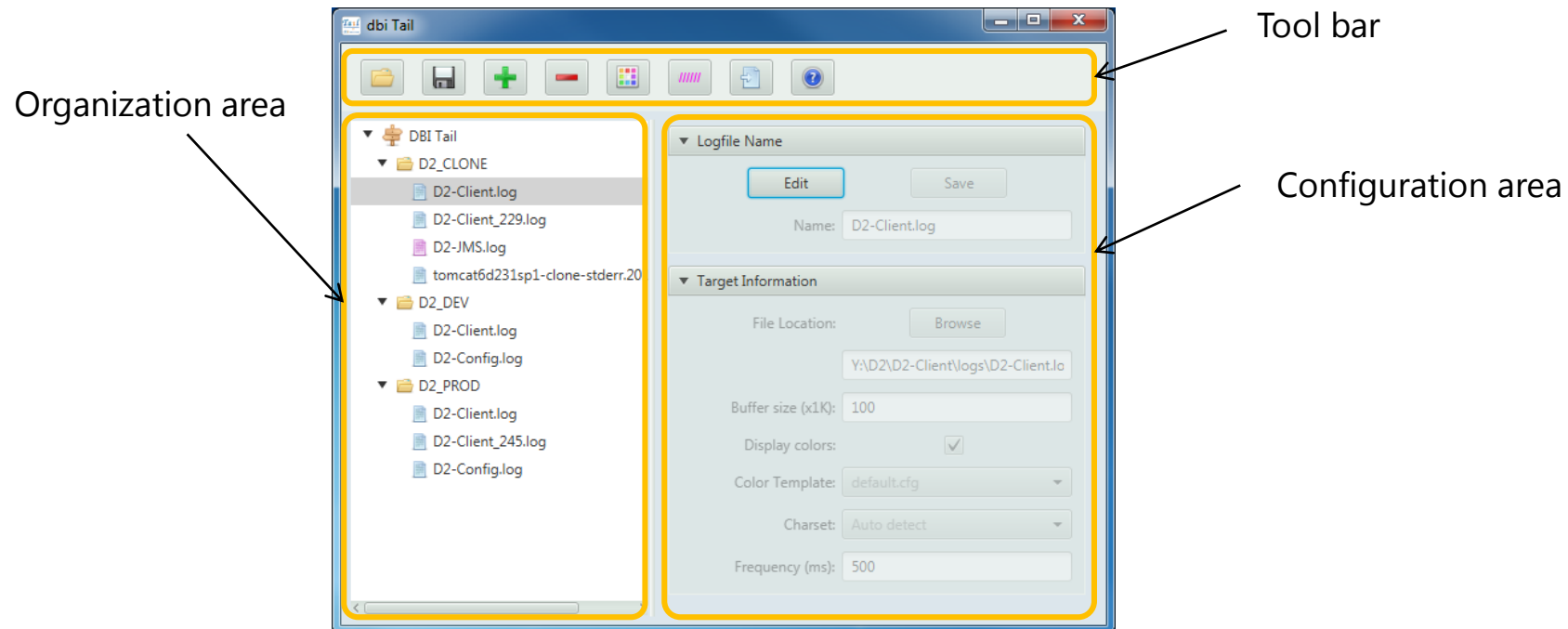
dbi Tail
Add new local file

> 1: Click on " Add file " button

> 2: Select file in filesystem 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
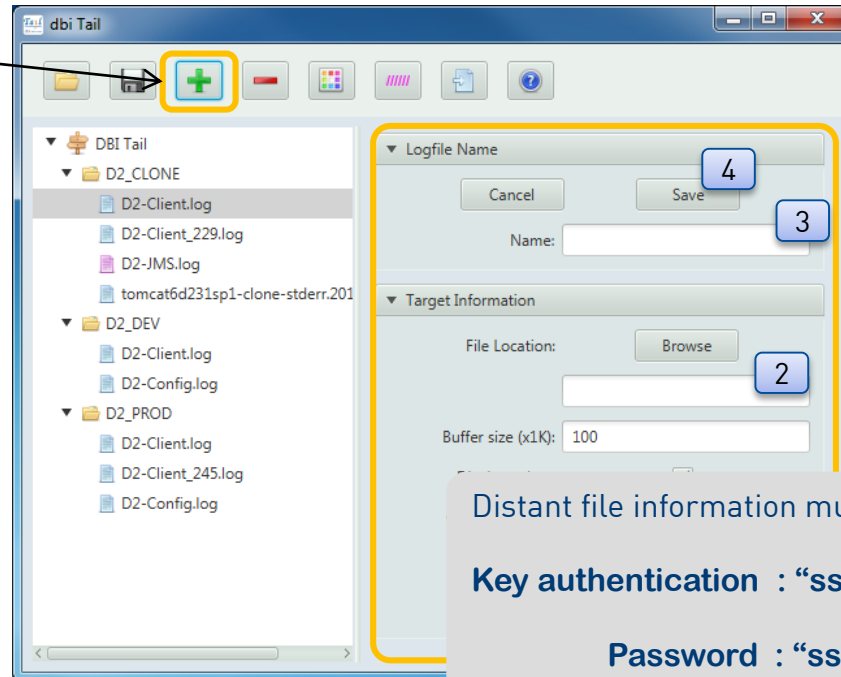
Add file

Configuration area

dbi Tail
Add new remote SSH file

> 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

Configuration area

1

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:

Key authentication : "ssh://<username>:<sshKeyPath>@<hostname>:<absolute file path>"

Password : "ssh://<username>@<hostname>:<absolute file path>"

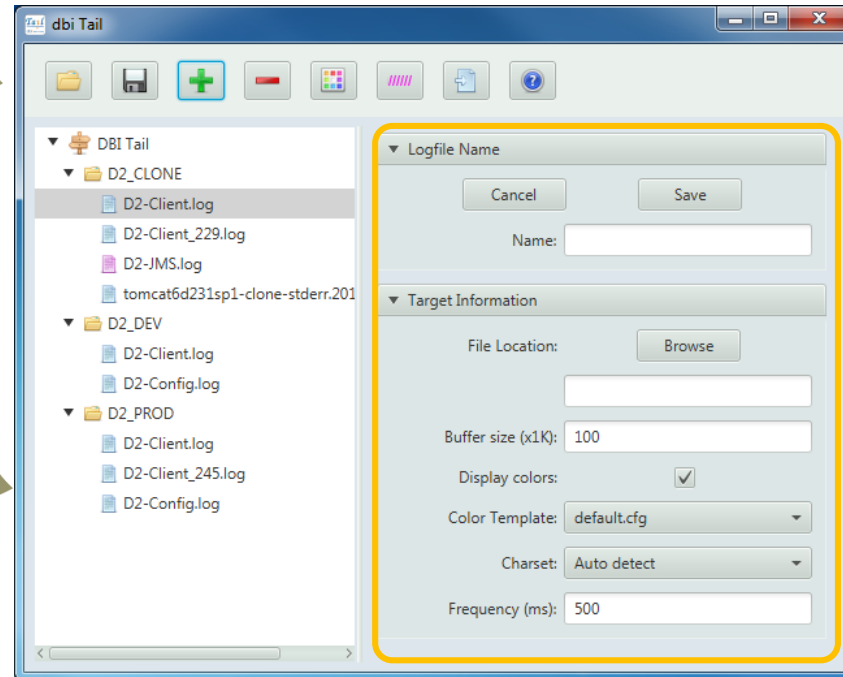**User/password** : "ssh://<hostname>:<absolute file path>"

dbi Tail
Advanced file configuration

« Color Template » are colorization rules applied to file

« Chaset » is the character encodig of the file. Could be automatically found

dbi Tail

DBI Tail
D2_CLONE
D2-Client.log
D2-Client_229.log
D2-JMS.log
tomcat6d231sp1-clone-stderr.201
D2_DEV
D2-Client.log
D2-Config.log
D2_PROD
D2-Client.log
D2-Client_245.log
D2-Config.log

Logfile Name

Cancel   Save

Name:

Target Information

File Location: Browse

Buffer size (x1K):   100

Display colors: ✓

Color Template: default.cfg

Charset: Auto detect

Frequency (ms):   500

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)
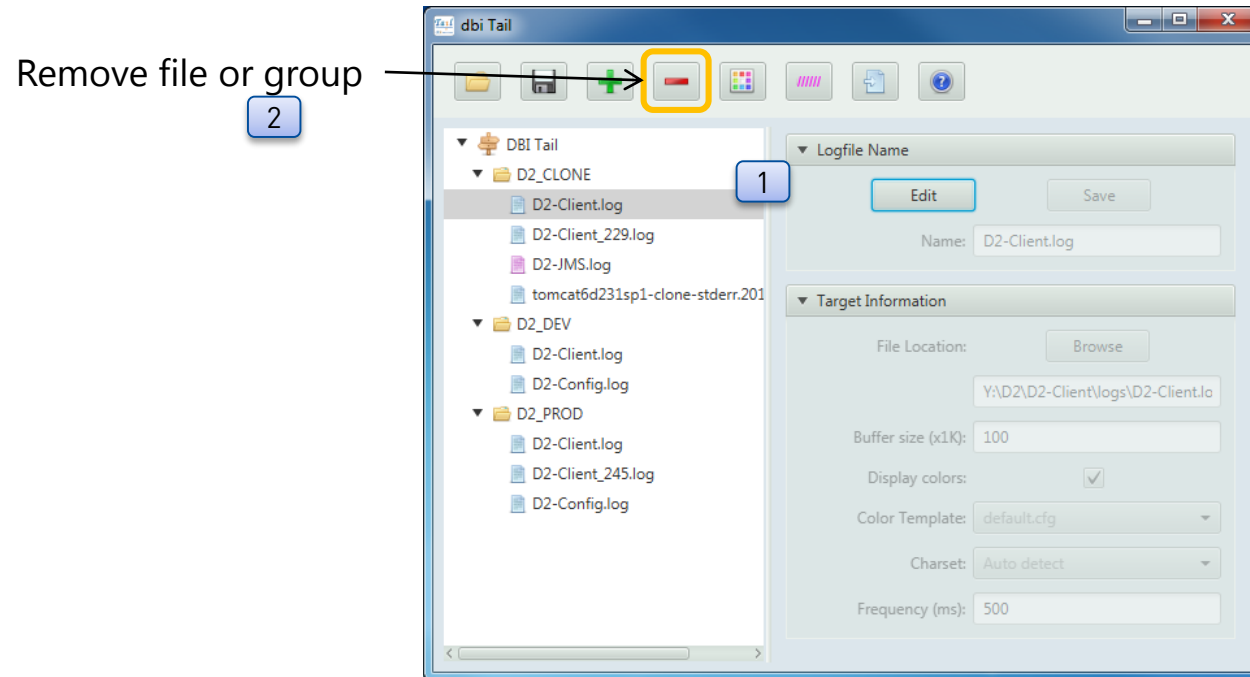
Impacts performance

dbi Tail
Remove one file or group

> 1: Select one file or group

> 2: Click " Remove file " button
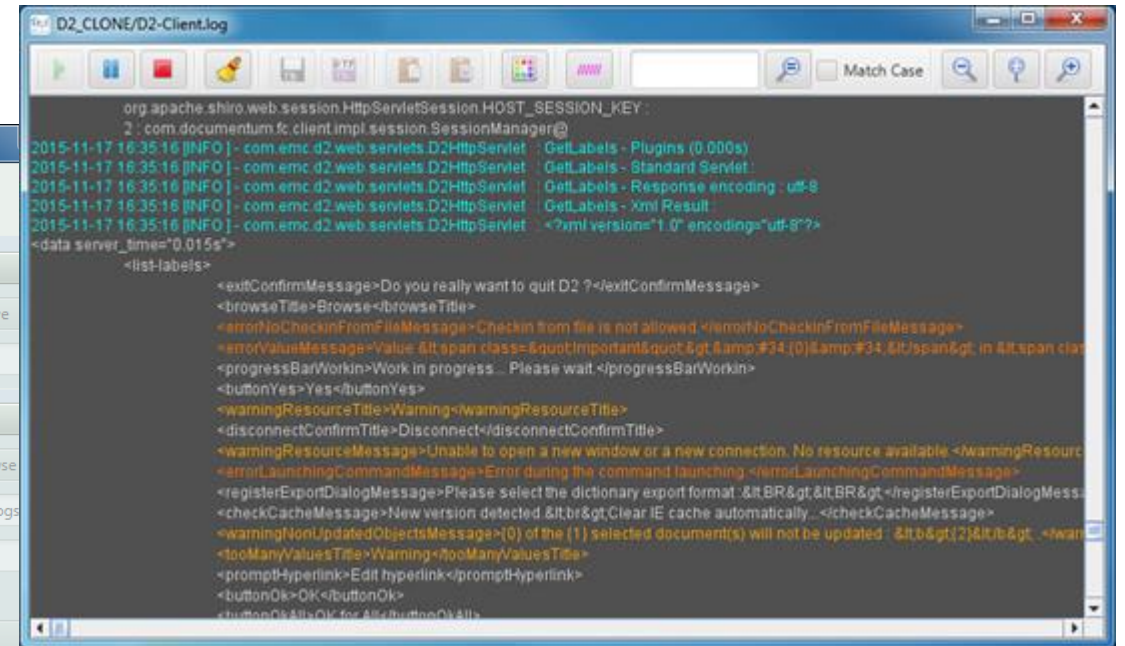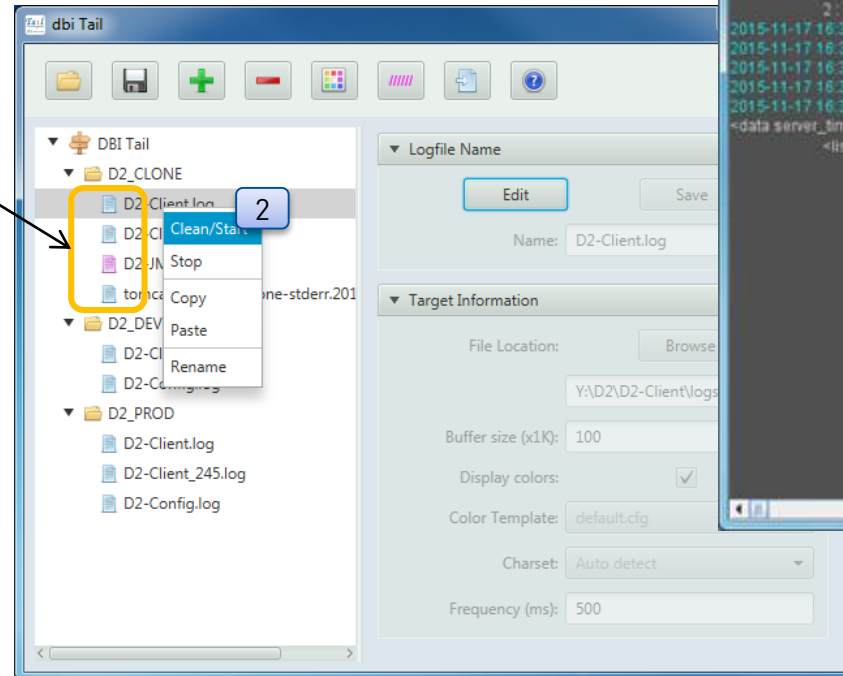
DBI Tail User Manual

dbi Tail
File processing

> 1: Double click on a file node

> 1: OR Right click on a file node
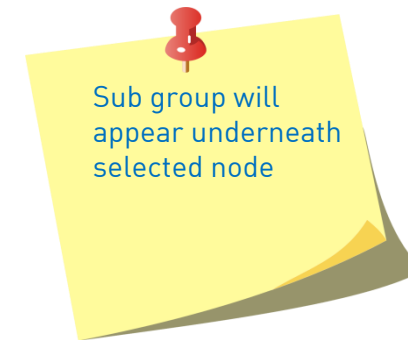
> 2: Click on "Clean/Start" menu.

> 3 File window opens

File node

1

dbi Tail
Organize files in groups – Group creation
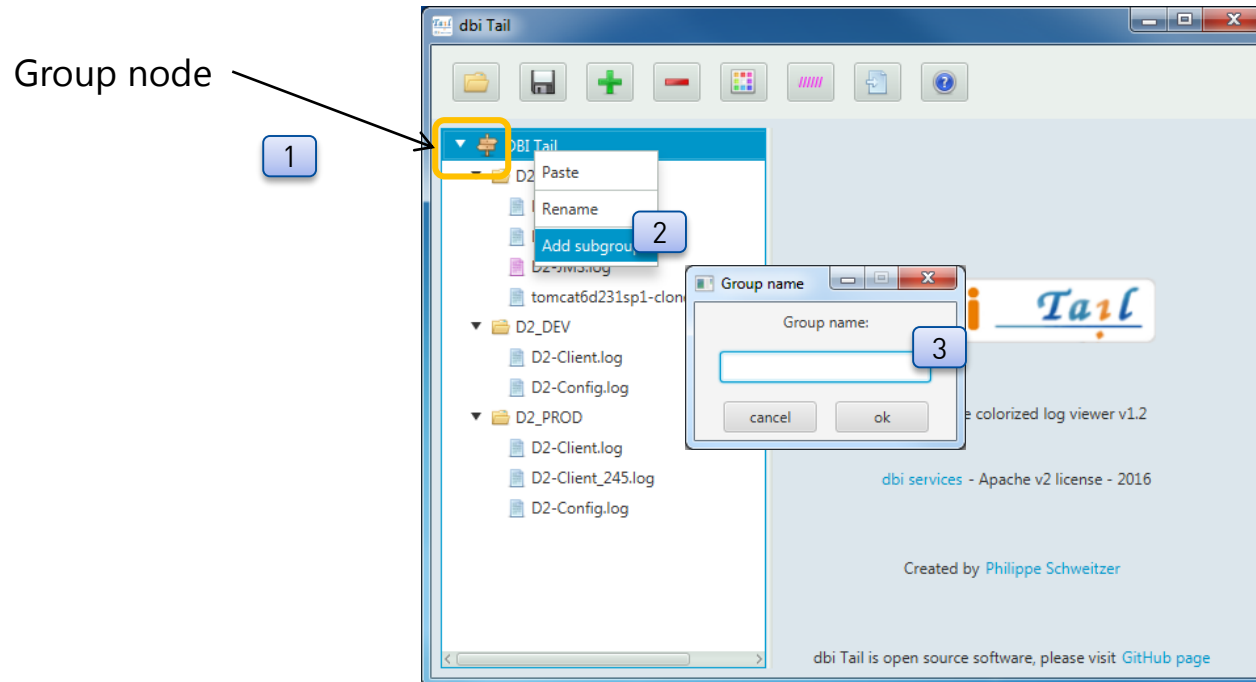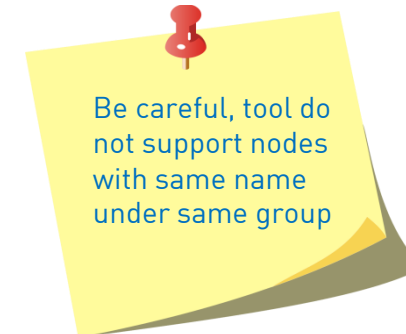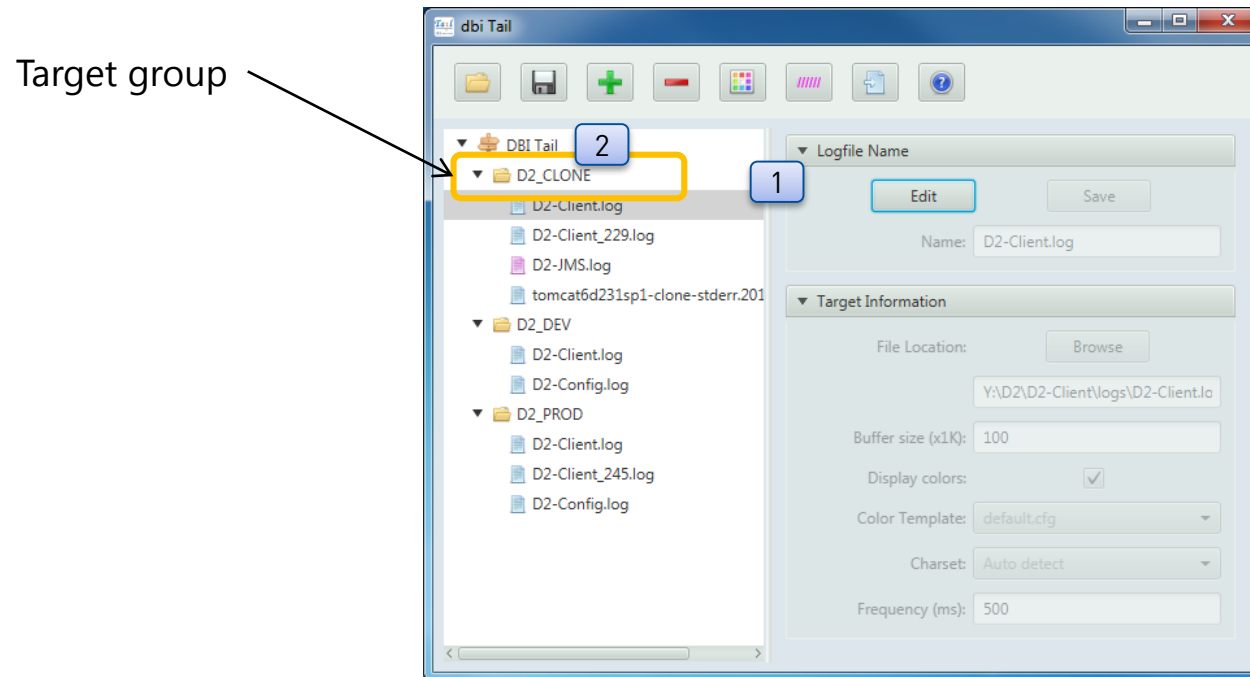
> 1: Right click on a group node of the tree

> 2: Click on "Add subgroup ". A popup opens.

> 3: Enter name of sub group and click " OK ". New sub group appears in tree

Group node

Sub group will appear underneath selected node

dbi Tail
Organize files in groups – File or group move

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

Target group

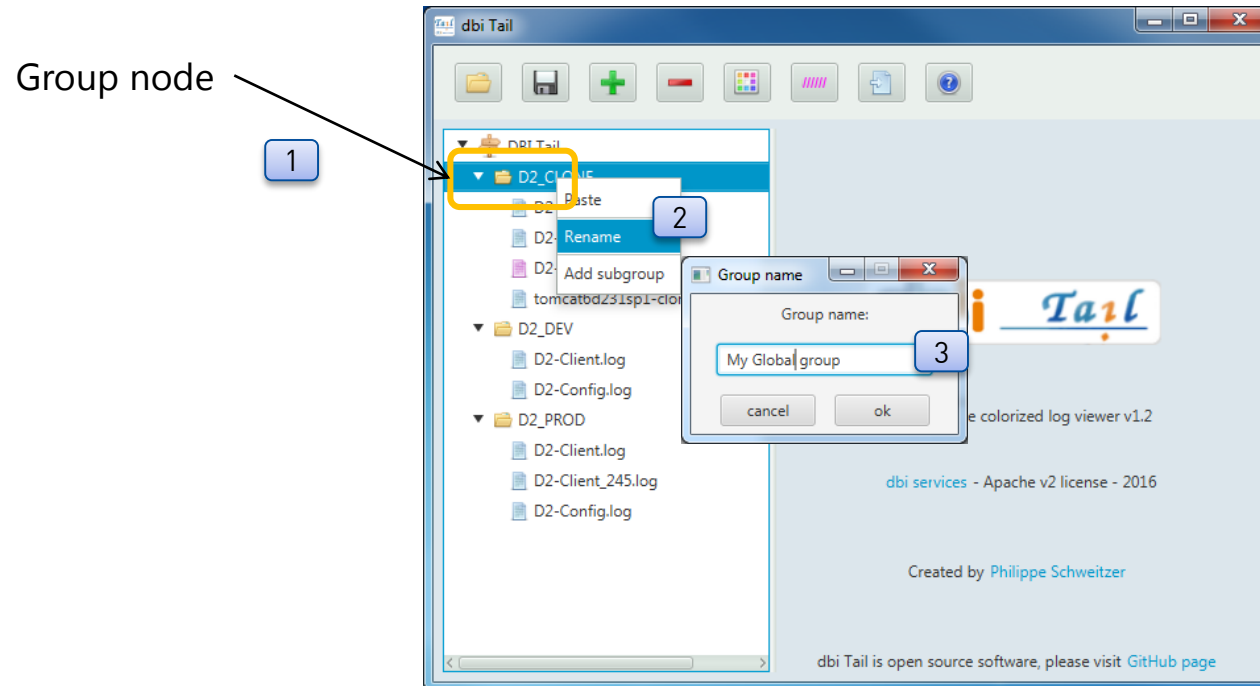Be careful, tool do not support nodes with same name under same group

dbi Tail
Organize files in groups – Group rename

> 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
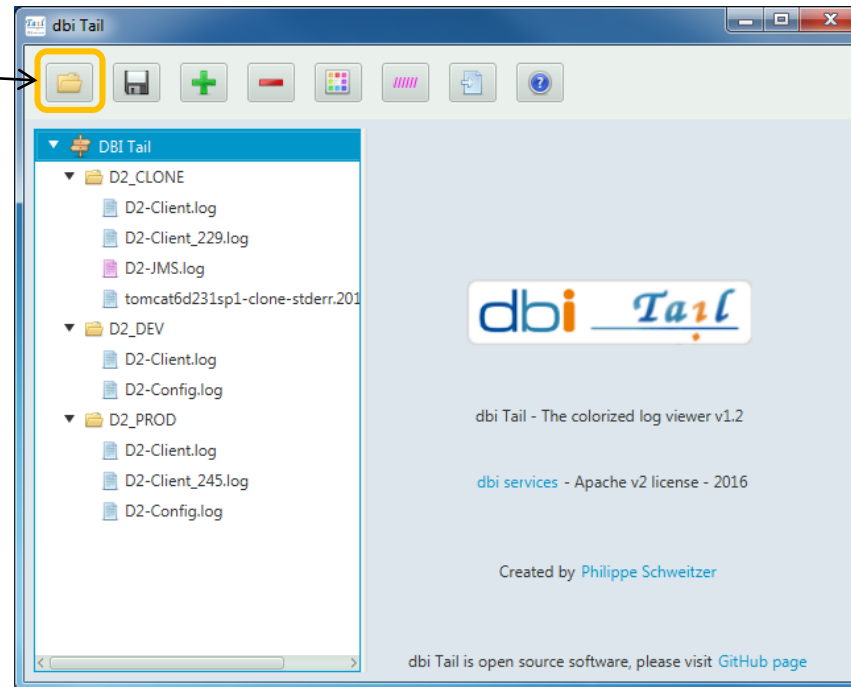
Group node

dbi Tail
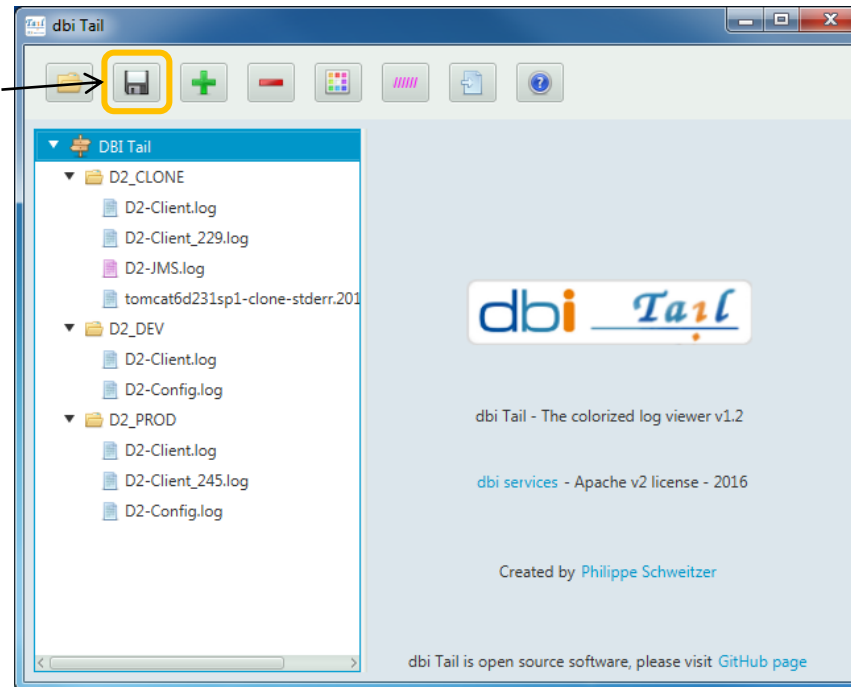## Organization tree loading

Loads tree configuration

dbi Tail
Organization tree saving
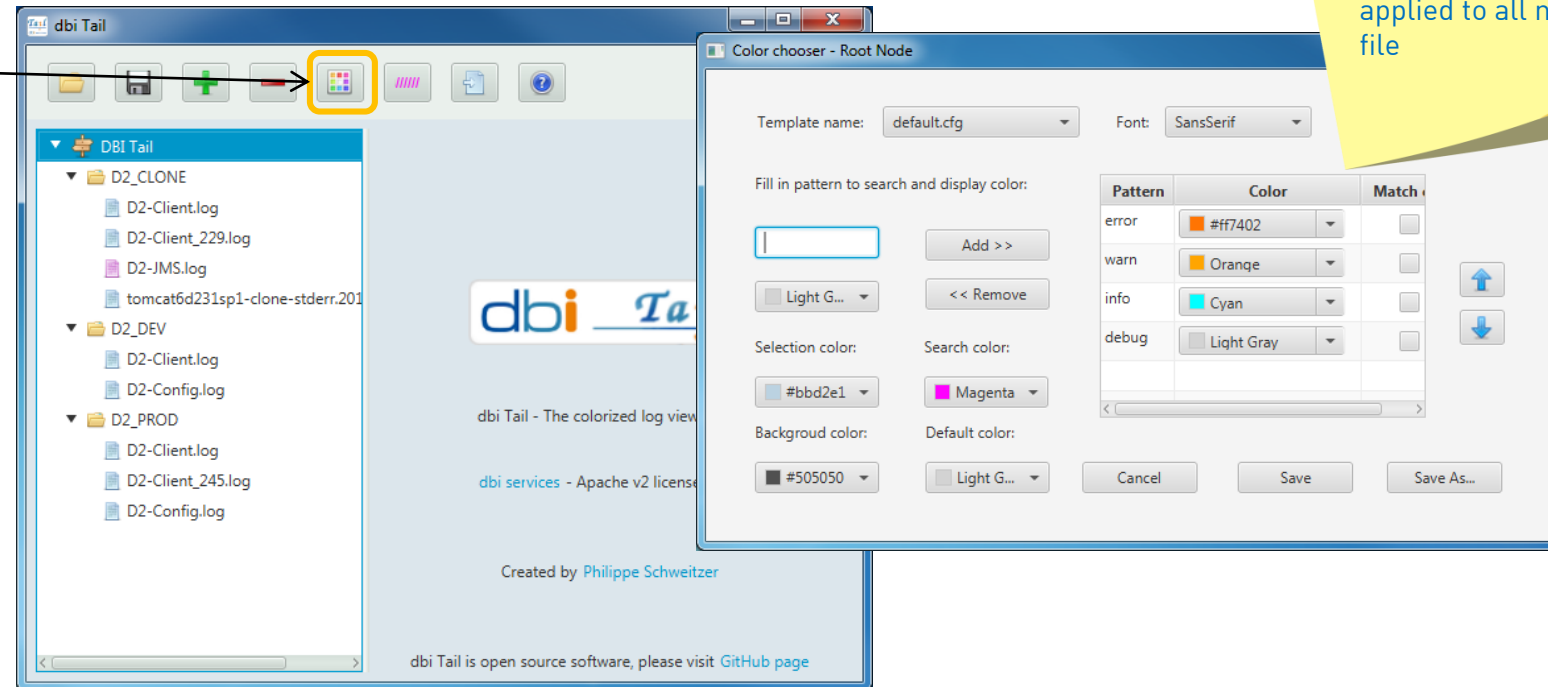
Saves as new tree configuration →

dbi Tail
Default color configuration overview

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

Color configuration

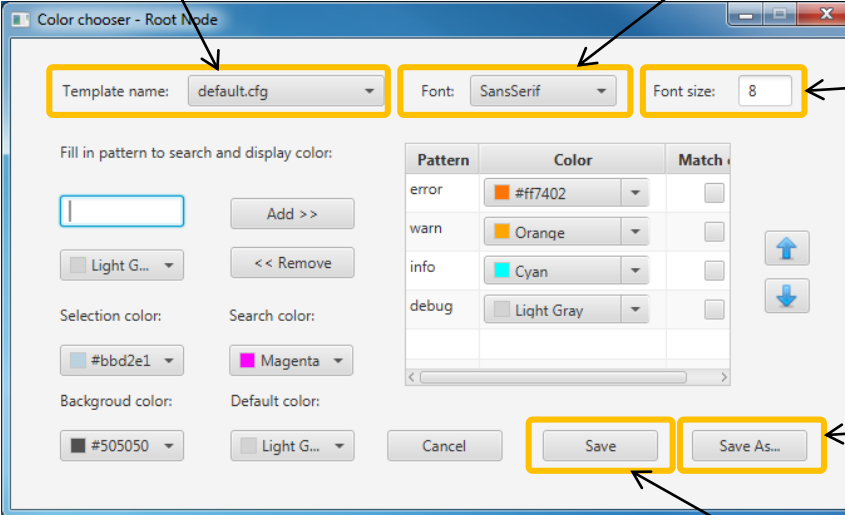Default color configuration is applied to all new file

dbi Tail
Color configuration (1)

Template selection

Font family selection

Font size configuration

Save as new template

Save current template

dbi Tail
Color configuration (2)
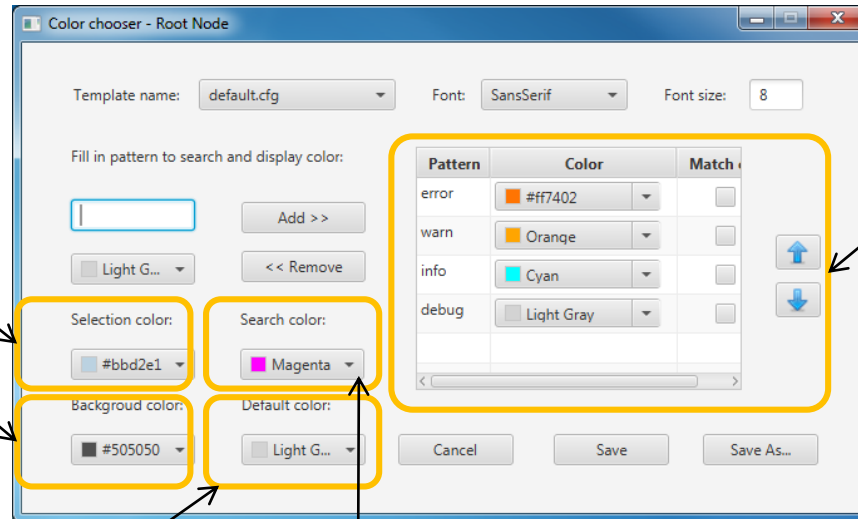
Color for selection

Background color

Default text color

Highlighting color for search

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

dbi Tail
Color configuration – Pattern management

Add pattern to list

Pattern

Pattern associated color

Pattern order configuration

« Match case » is for case sensitivity check

Remove pattern from list

dbi Tail
Insert line

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

Insert line

dbi Tail
Open offline file

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

Open Saved File

This process is time consuming and requires higher physical resources
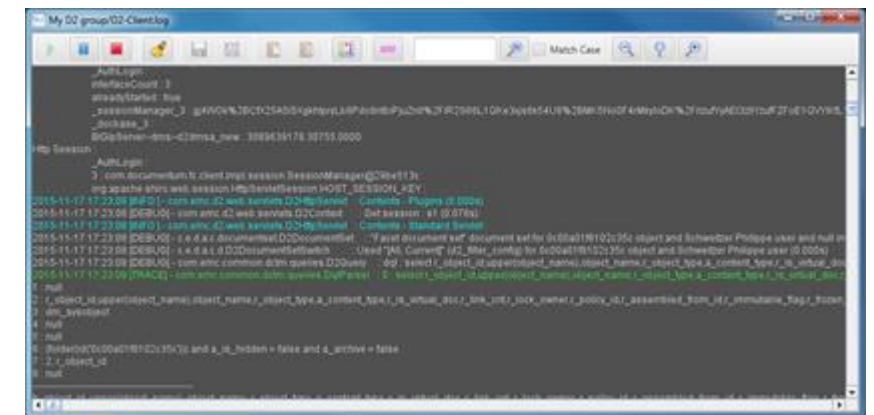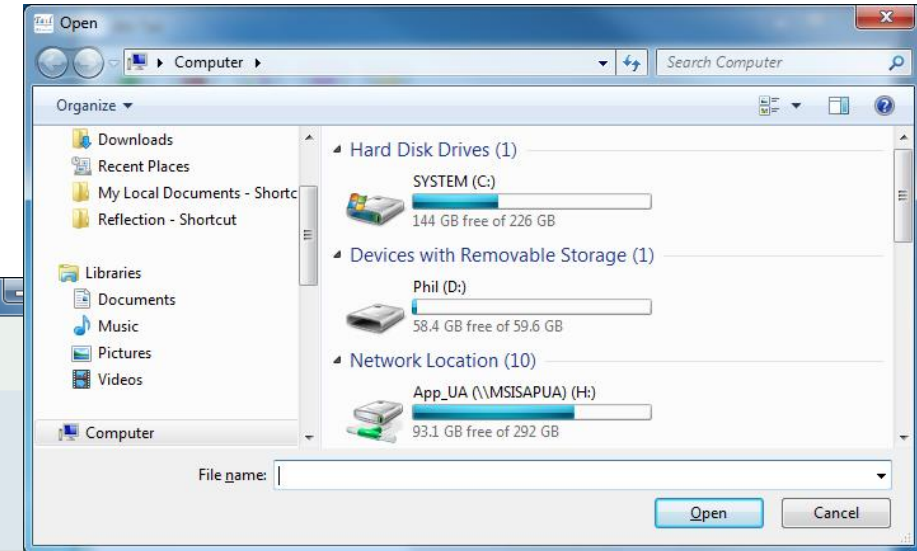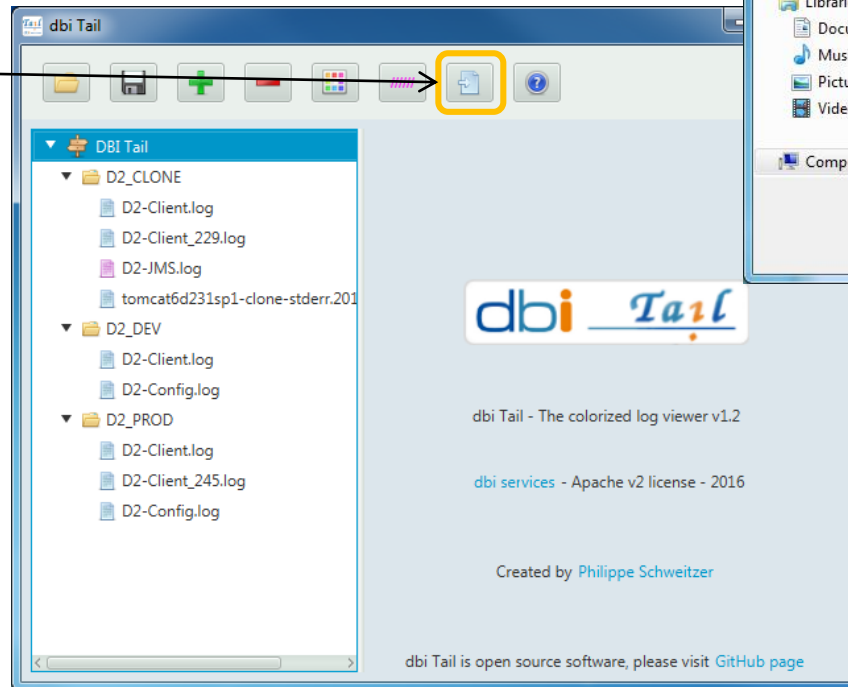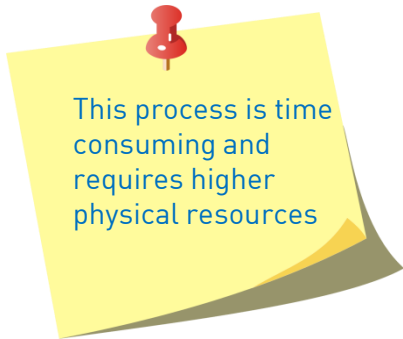
dbi Tail
File window controls

« Clear » control

« Stop » control

« Pause » control

« Start » control

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

« Stop » control will restart reading at the end of the file
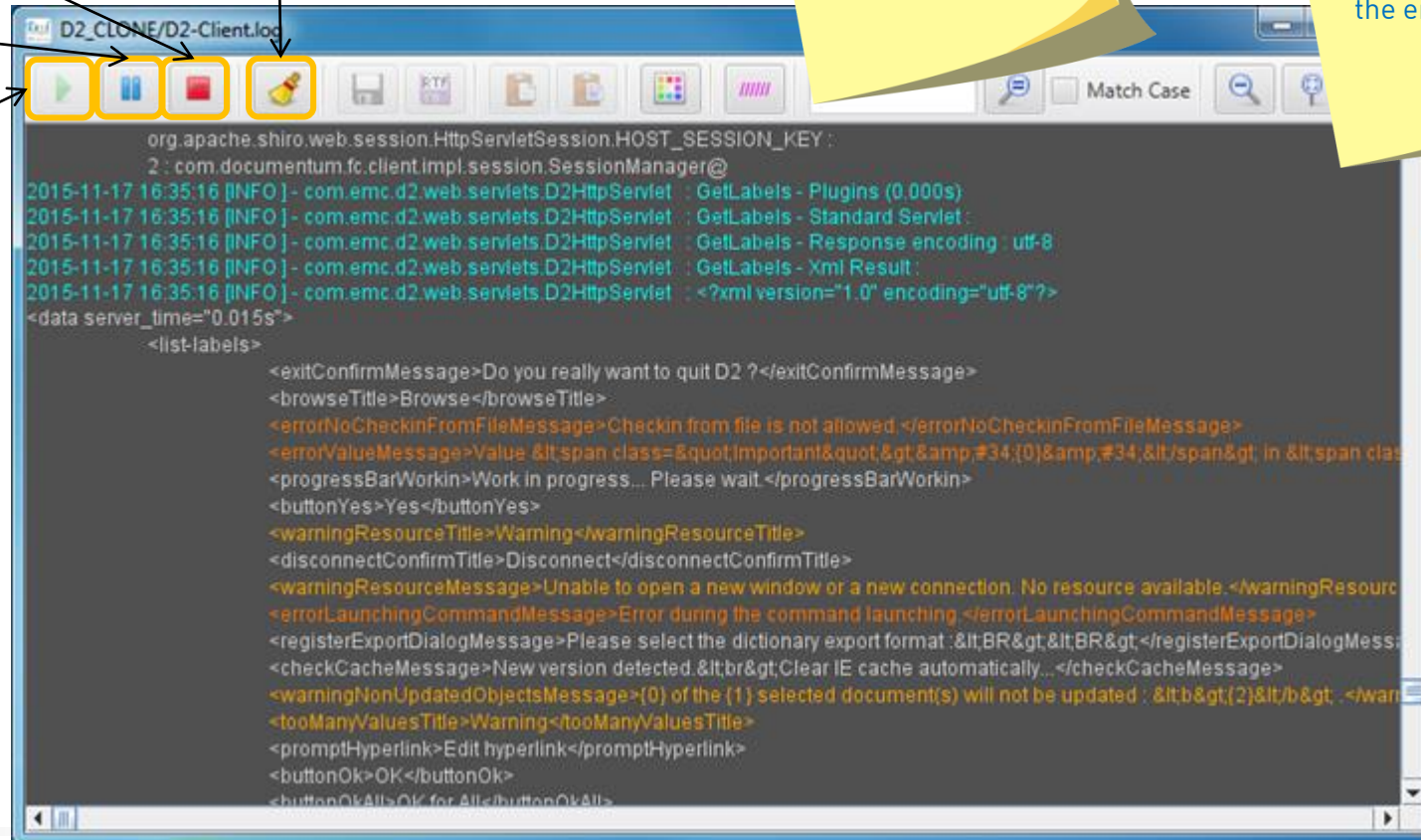
dbi Tail
File window content save

« Copy RTF » control

« Copy text » control

« Save RTF » control

« Save text » control

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

Process must be stopped or paused to allow saving

D2_CLONE/D2-Client.log

```
                    _sessionManager_1 : gj4WOk%2BCfX25A5ISXgkhtpryLb8Pdo8ntbiPjuZnll%
                    _disconnected_1 :
                    _docbase_1 :
                    BIGipServer~dms~
Http Session :
        1 : com.documentum.fc.client.impl.session.SessionManager@
        _AuthLogin
        org.apache.shiro.web.session.HttpServletSession.HOST_SESSION_KEY :
2015-11-30 16:46:40 [INFO ] - com.emc.d2.web.servlets.D2HttpServlet   : GetAcsURL - Plugins
2015-11-30 16:46:40 [DEBUG] - com.emc.d2.web.servlets.D2Context       : Get session : s2 (0.
2015-11-30 16:46:40 [INFO ] - com.emc.d2.web.servlets.D2HttpServlet   : GetAcsURL - Standar
2015-11-30 16:46:40 [DEBUG] - com.emc.common.dctm.contents.D2BocsUtil : isContentAvaila
2015-11-30 16:46:40 [DEBUG] - com.emc.common.dctm.contents.D2BocsUtil : isContentAcsAvailable = true
2015-11-30 16:46:40 [DEBUG] - com.emc.common.dctm.contents.D2BocsUtil : Content of              available for null = true
2015-11-30 16:46:40 [DEBUG] - com.emc.common.dctm.contents.D2BocsUtil : Calculate read BOCS urls - 0.094s
2015-11-30 16:46:40 [DEBUG] - com.emc.d2.web.servlets.D2Context       : Release session : s2
2015-11-30 16:46:40 [INFO ] - com.emc.d2.web.servlets.D2HttpServlet   : GetAcsURL - Response encoding : utf-8
2015-11-30 16:46:40 [INFO ] - com.emc.d2.web.servlets.D2HttpServlet   : GetAcsURL - Xml Result :
2015-11-30 16:46:40 [INFO ] - com.emc.d2.web.servlets.D2HttpServlet   : <?xml version="1.0" encoding="utf-8"?>
<data acs_state="Open" hascontent="true" ip="              " filename="                    ' server_time="0.125s">
        <locations/>
        <urls/>
</data>
2015-11-30 16:46:40 [INFO ] - com.emc.d2.web.servlets.D2HttpServlet   : GetAcsURL - Free memory=1 GB. Total memory=2 GB.
2015-11-30 16:46:40 [INFO ] - com.emc.d2.web.servlets.D2HttpServlet   : GetAcsURL - END (0.125s) ===================================
2015-11-30 16:46:40 [INFO ] - com.emc.d2.web.servlets.D2HttpServlet   : Download - START =====================================
2015-11-30 16:46:40 [INFO ] - com.emc.d2.web.servlets.D2HttpServlet   : Download - HTTP Headers
```

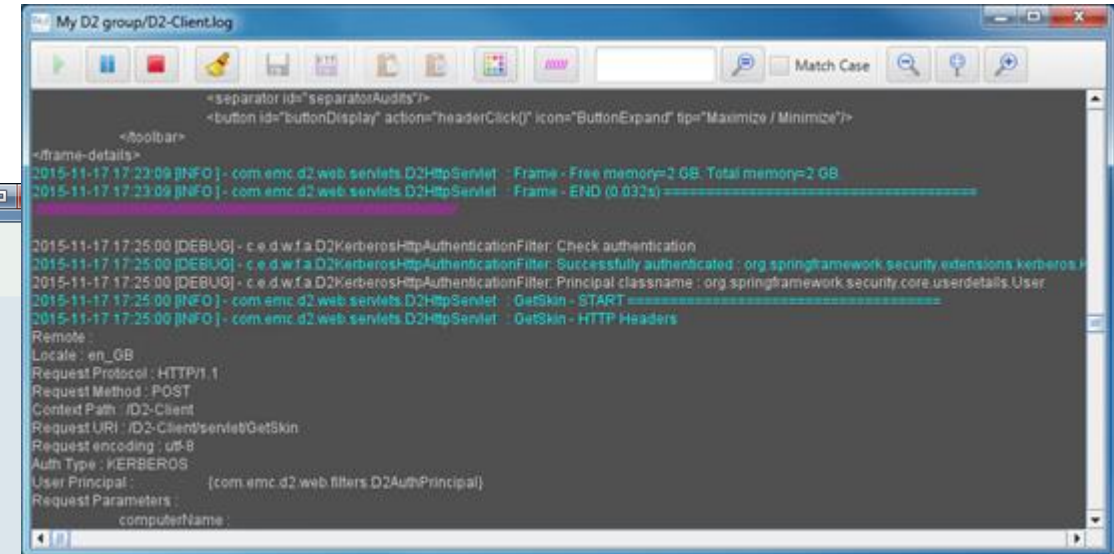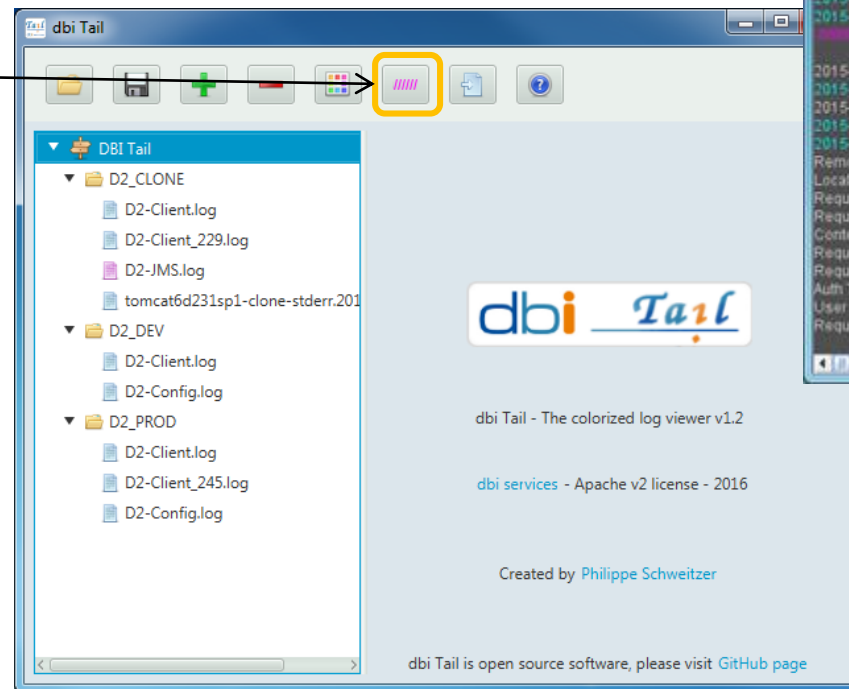# dbi Tail
File window color management

Color configuration

dbi Tail
File window Insert Line

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

Insert Line

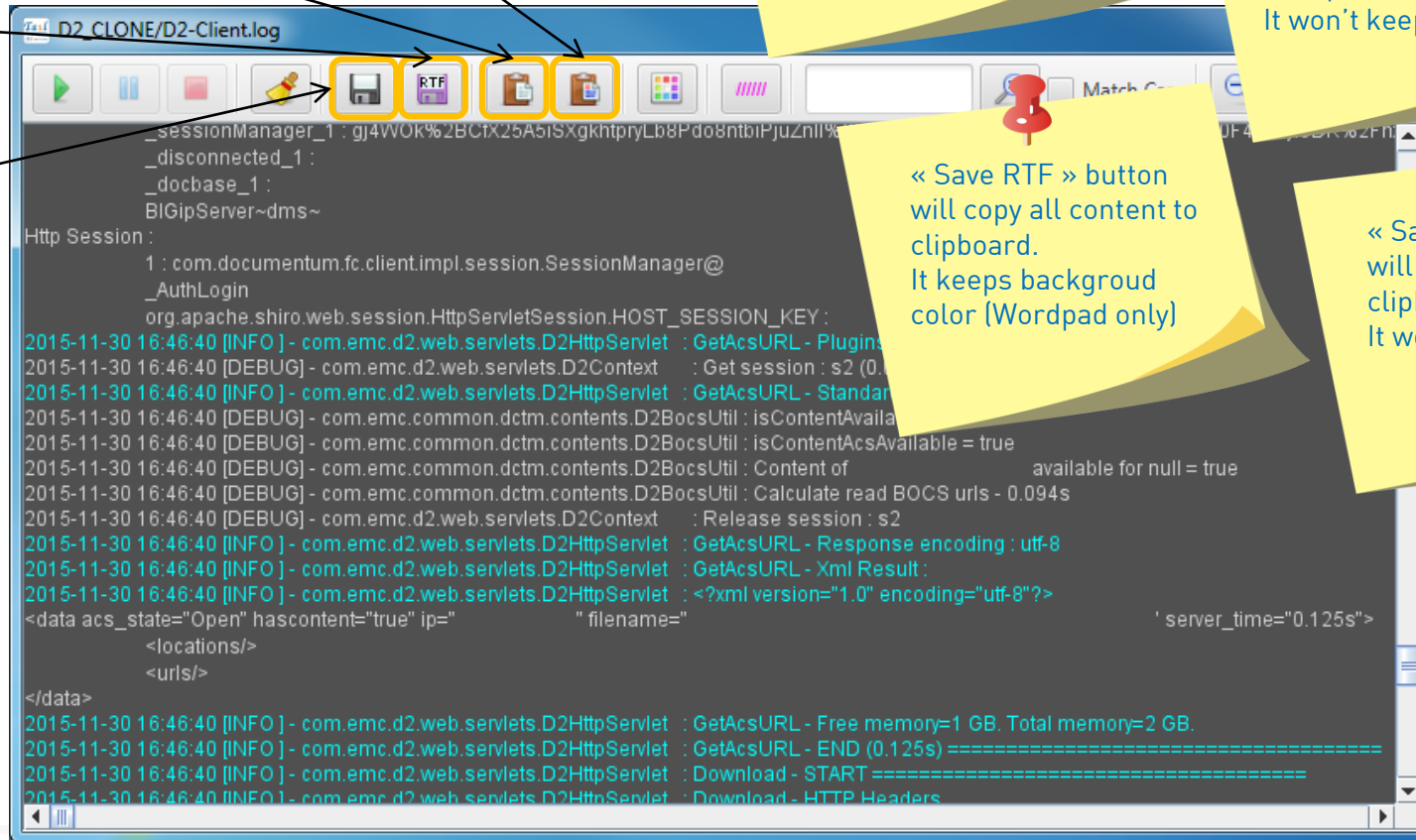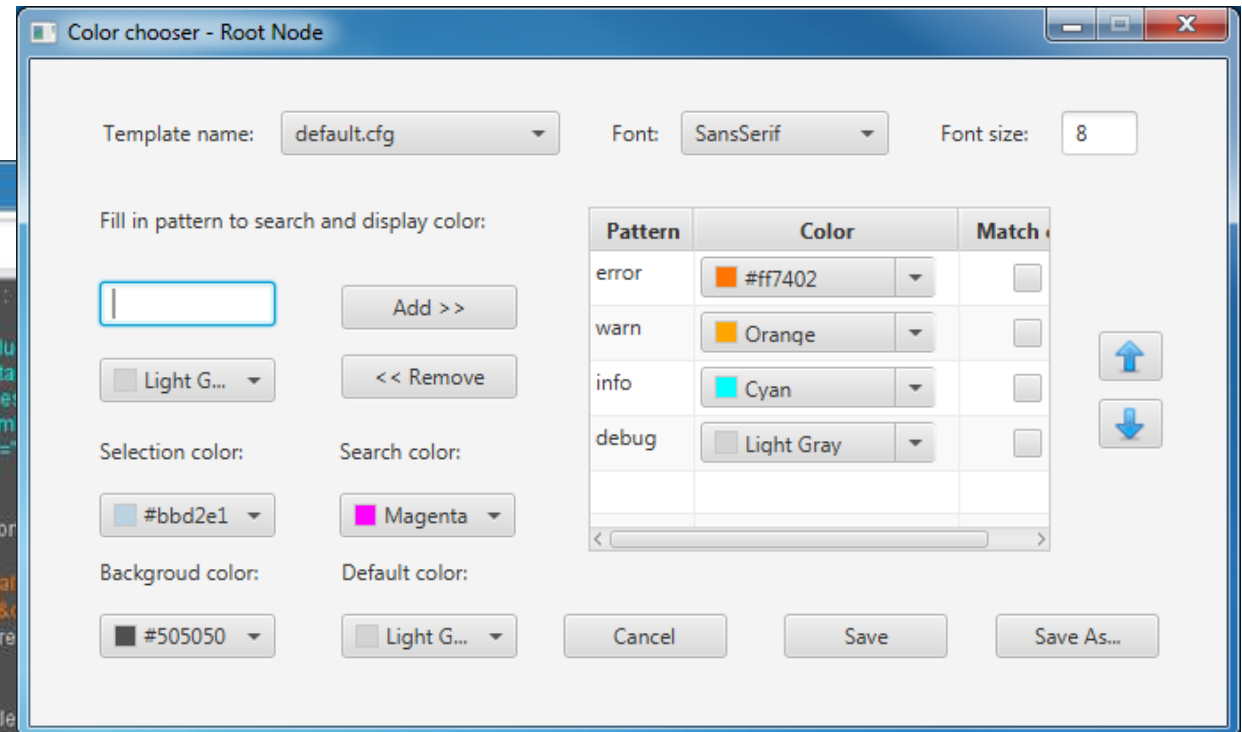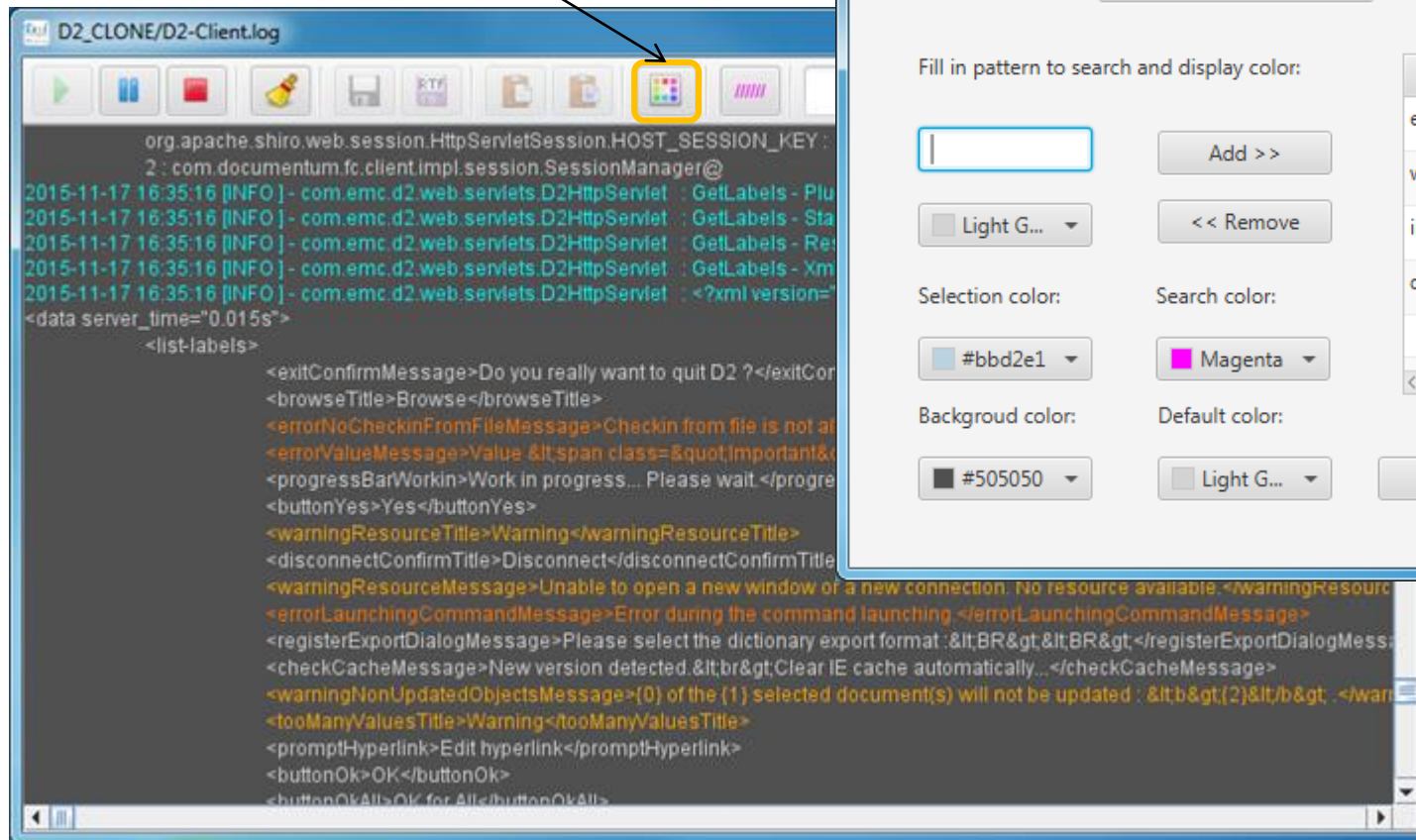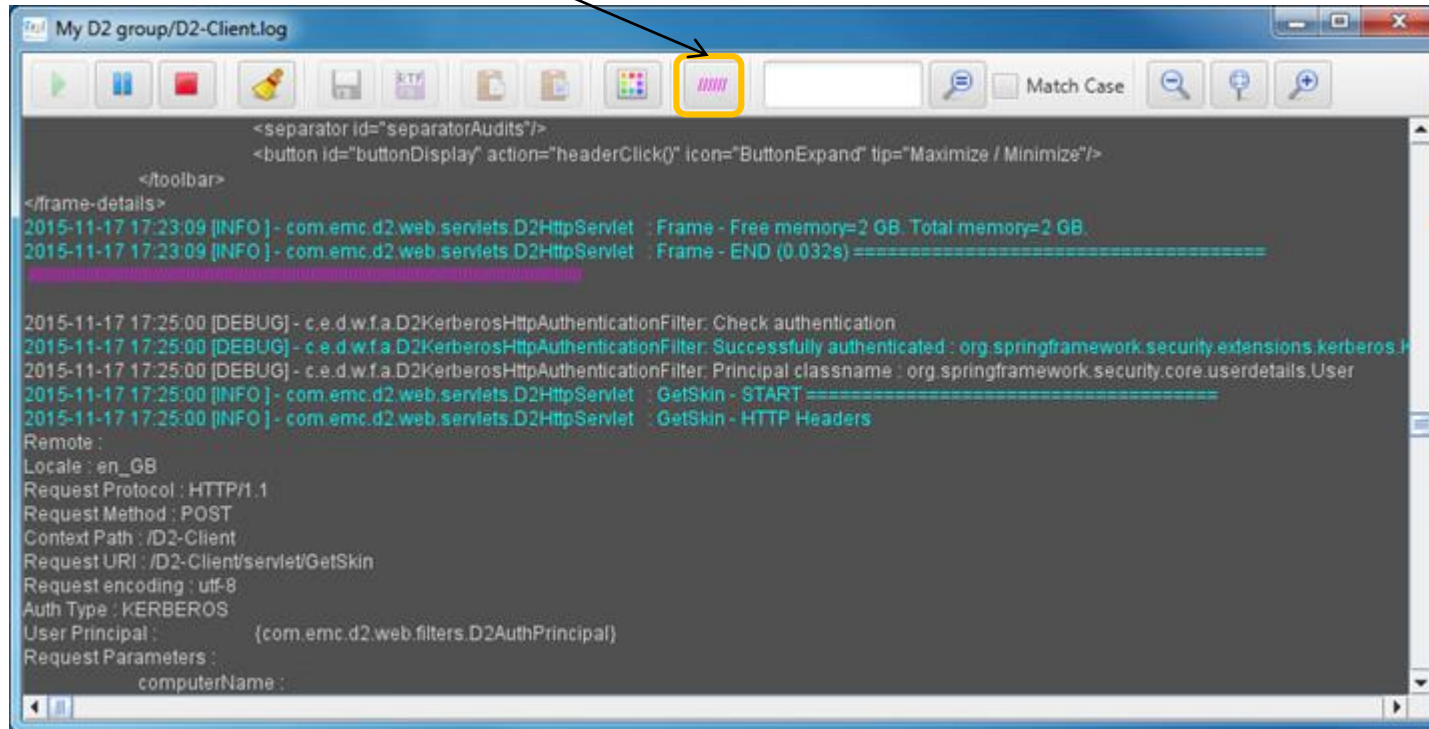Inserted line will appear if you save content of file window to a file or copy to clipboard
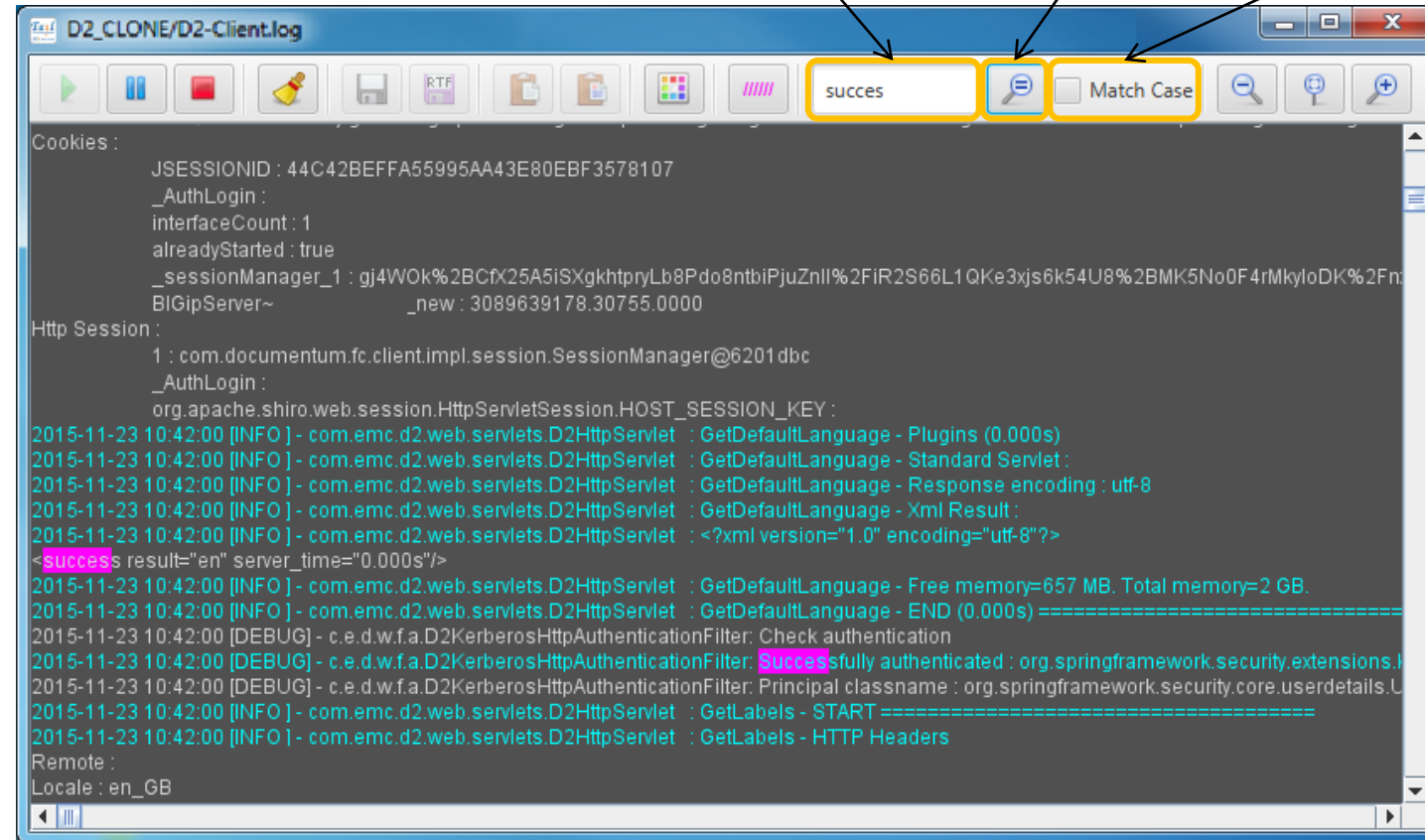
dbi Tail
File window Search

> Search and highlight matching content

Content to search   « Search» button   Case sensitivity
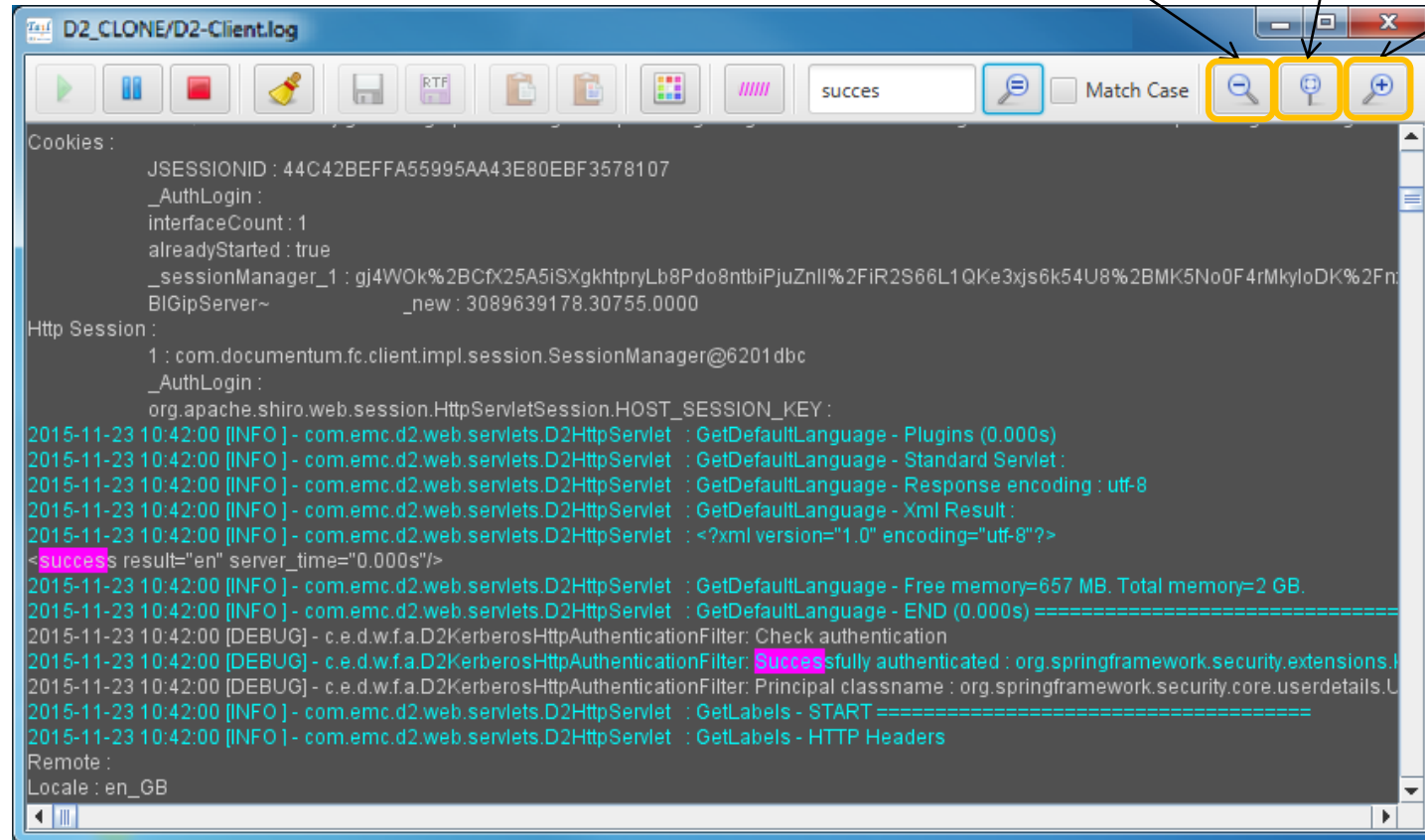
dbi Tail
File window Zoom

> Graphical zoom of file window content

Zoom-out   Reset zoom   Zoom-in

dbi Tail
Command line start / File window only

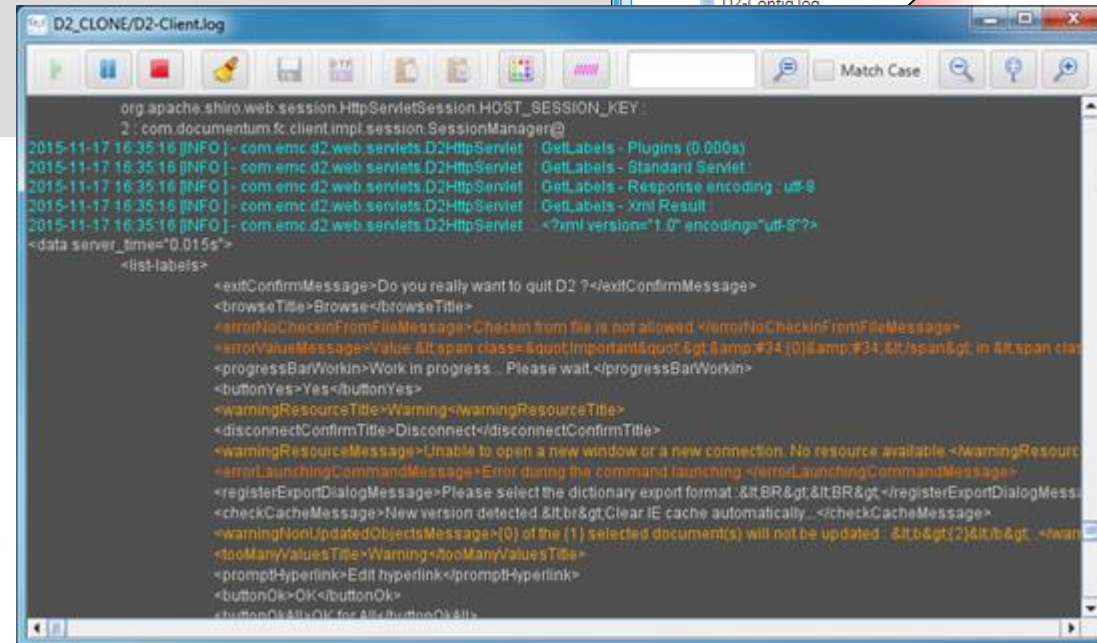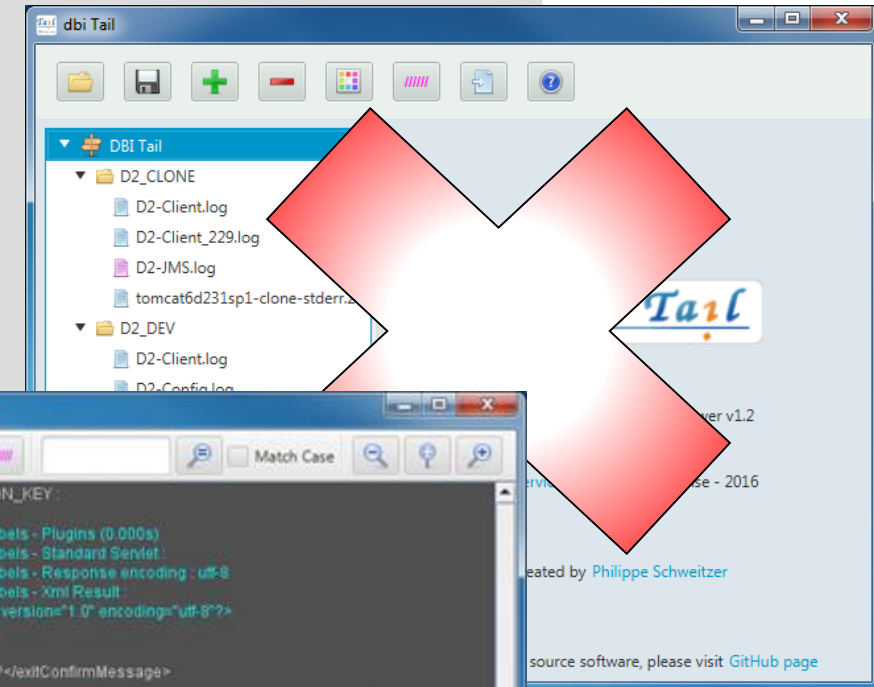It is possible to invoke start of a tail session from command line

-> 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> ... >>

dbi Tail
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

Default color template
    tail.defaultColorConfiguration = default.cfg

Default tree configuration
    tail.defaultTreerConfiguration = default.tree

dbi Tail
Color configurations reset

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

dbi Tail
License details

DBI Tail is released under Apache v2 License

DBI Tail 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

DBI Tail uses icons that are not part of Java standard platform.
     - "Fugue Icons" under a Creative Commons Attribution 3.0 License