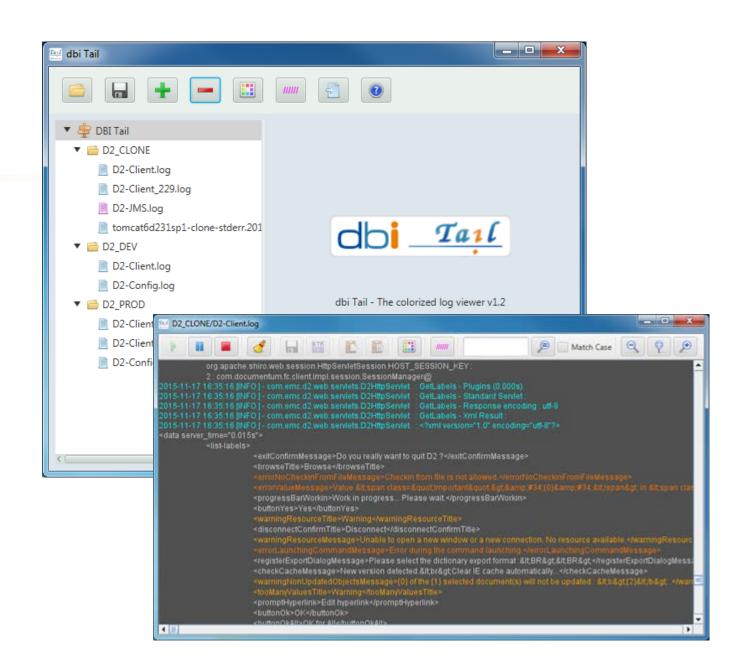
#### Infrastructure at your Service.

#### dbi Tail User Manual

Created by <a href="Philippe Schweitzer">Philippe Schweitzer</a>
Visit <a href="GitHub page">GitHub page</a>

dbi Tail – The colorized log viewer v1.1

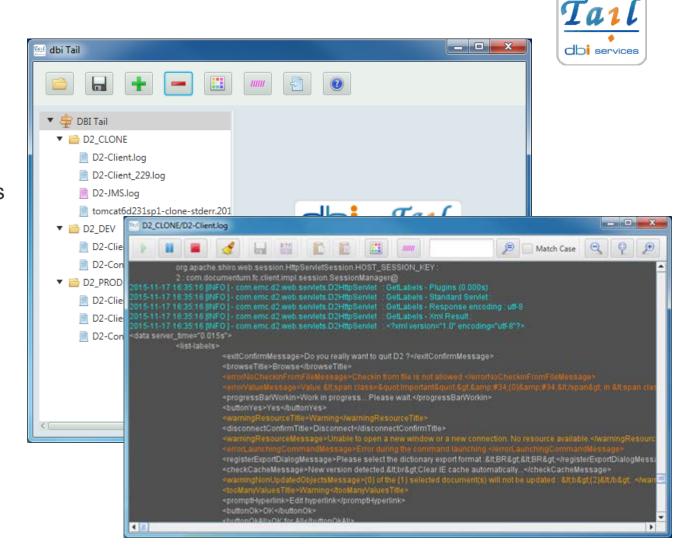
Released under Apache v2 License



## 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.

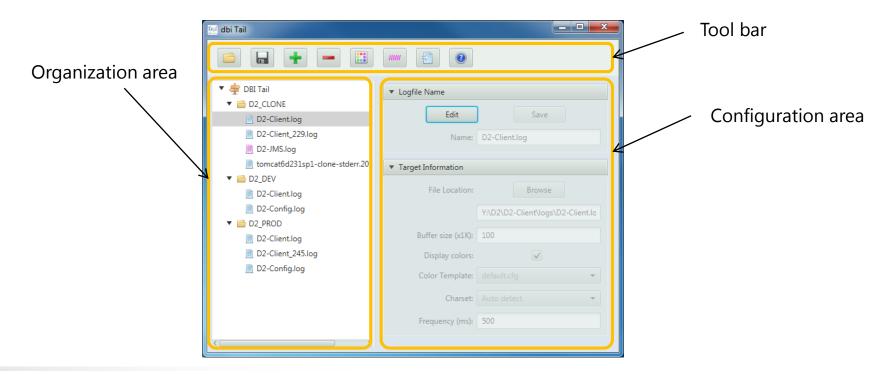
If you want to view log files from there, it is recommended to open a Read-Only shared folder over the network, or to use SSH.



### 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

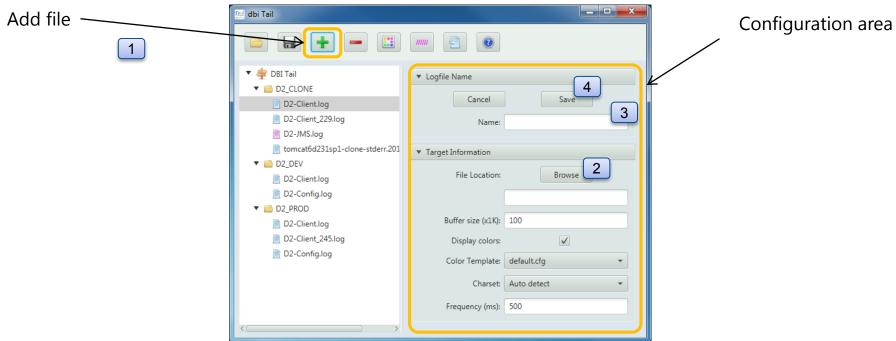




### dbi Tail Add new local file



- > 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

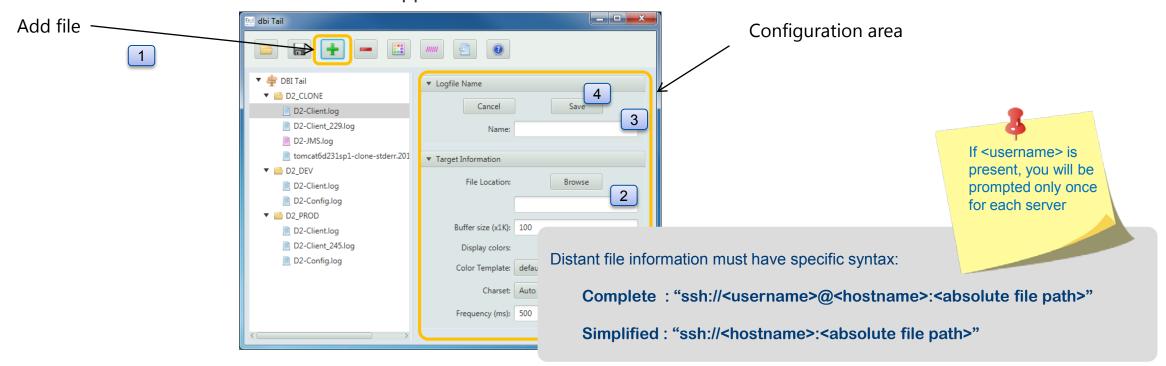




#### dbi Tail Add new remote SSH file



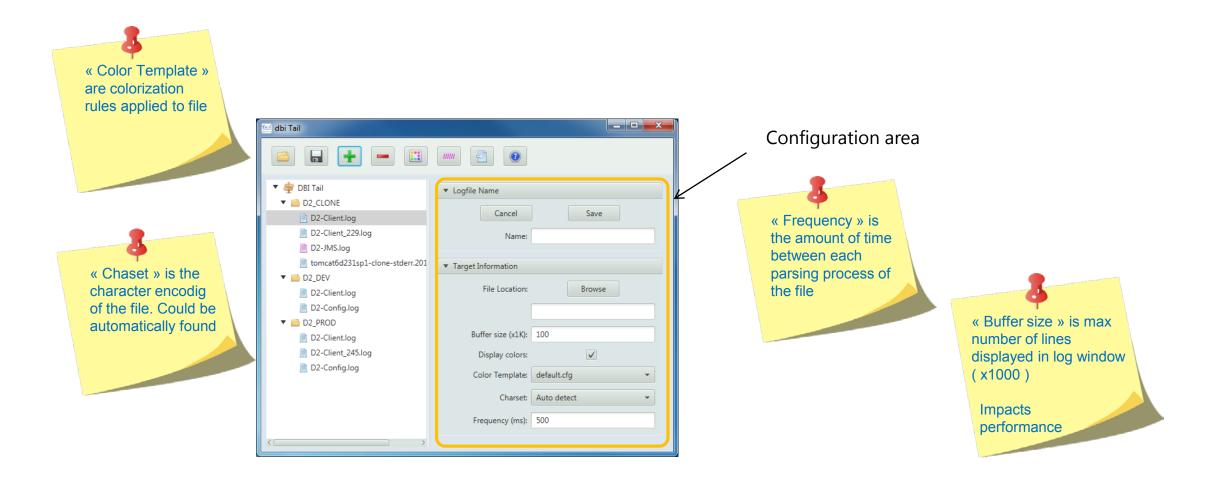
- > 1: Click on "Add file " button
- > 2: Enter distant file information
- > 3: Adjust name of file that will appear in file organization tree later on
- > 4: Click "Save ". New file will appear in tree





# dbi Tail Advanced file configuration



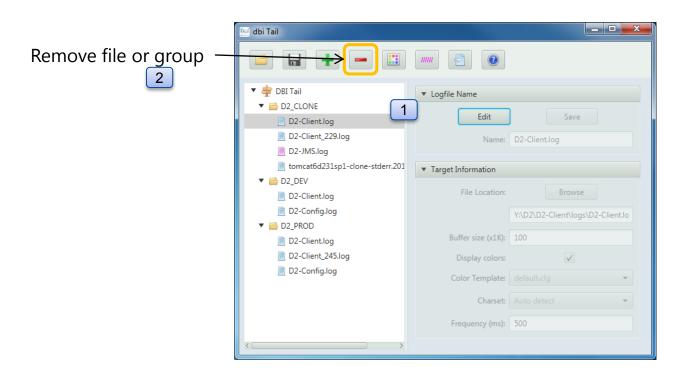




## dbi Tail Remove one file or group

Tall dbi services

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

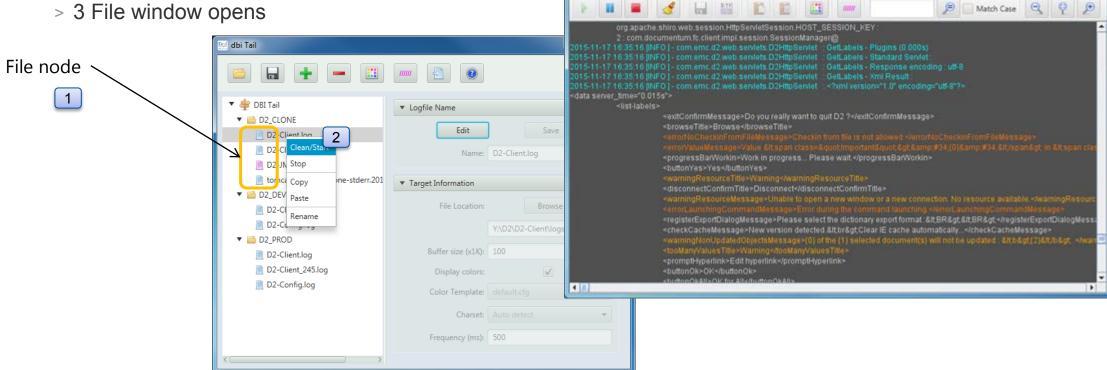




### dbi Tail File processing



- > 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



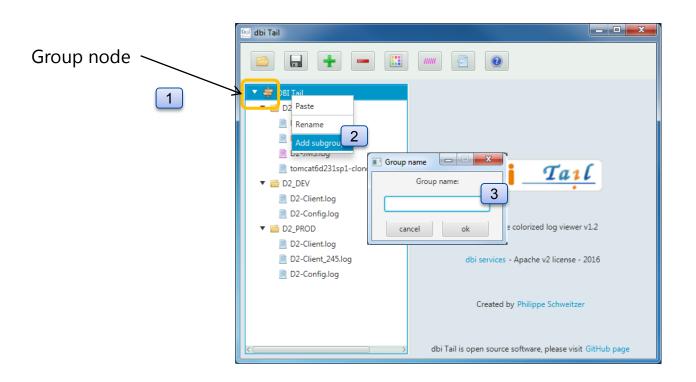
D2\_CLONE/D2-Client.log

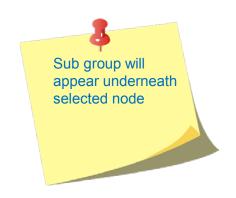


#### Organize files in groups – Group creation



- > 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



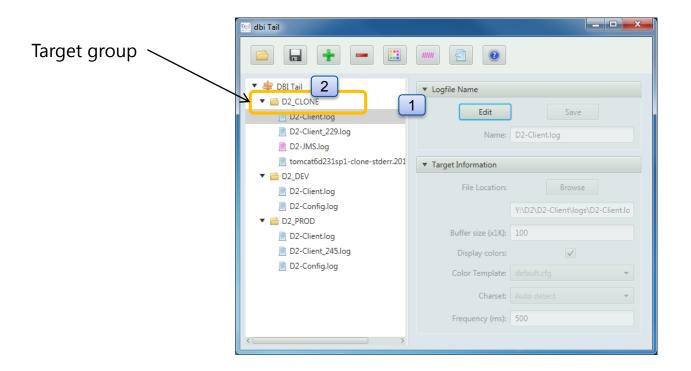




#### Organize files in groups – File or group move



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



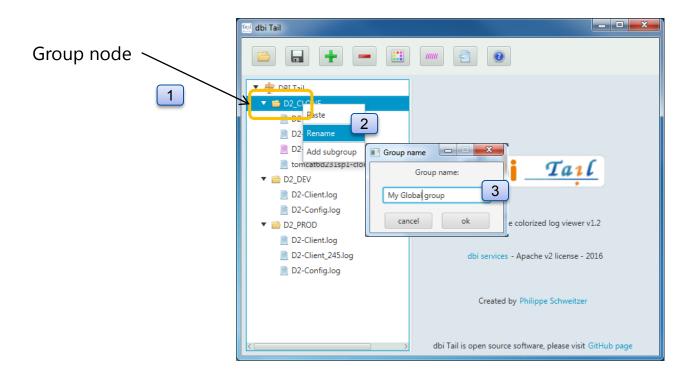




#### Organize files in groups – Group rename



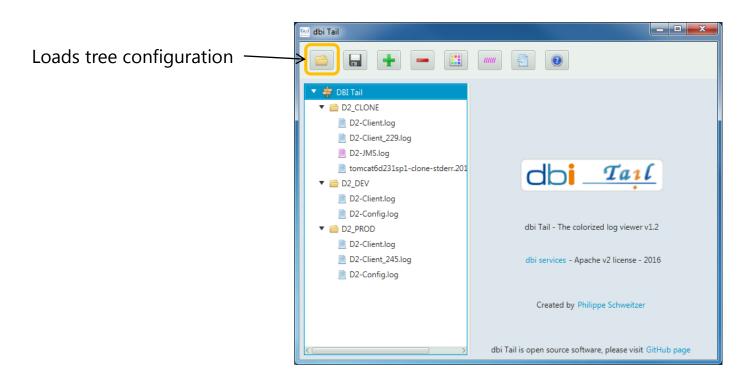
- > 1: Right click on a group node of the tree
- > 2: Click on "Rename". A popup opens.
- > 3: Enter new name of sub group and click "OK". Group name if changed appears in tree





## dbi Tail Organization tree loading



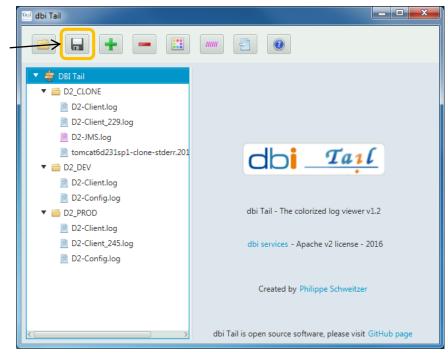




## dbi Tail Organization tree saving



Saves as new tree configuration

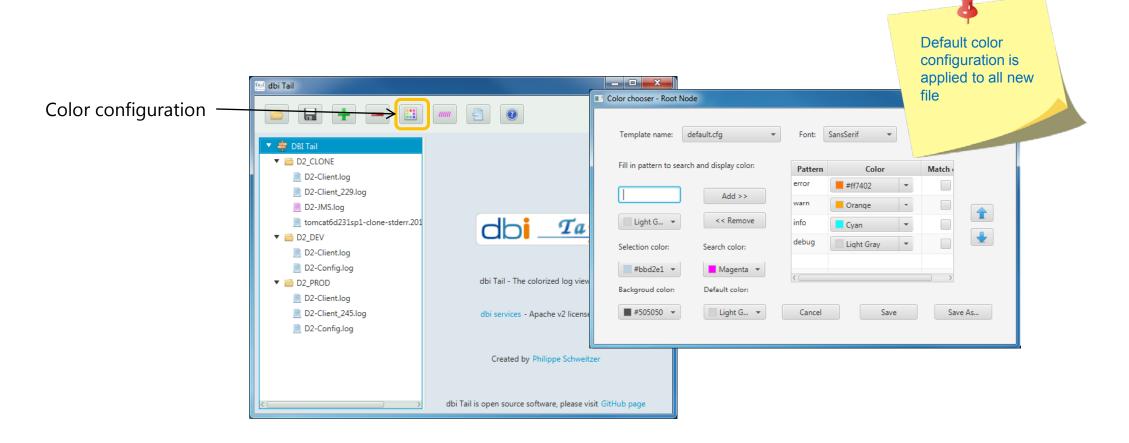




### Default color configuration overview



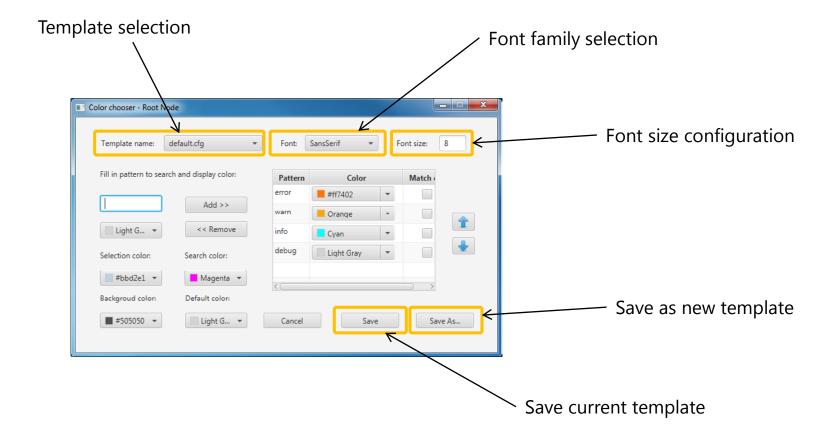
> 1: Click on "Choose default colors" button. Color configuration window opens





# dbi Tail Color configuration (1)

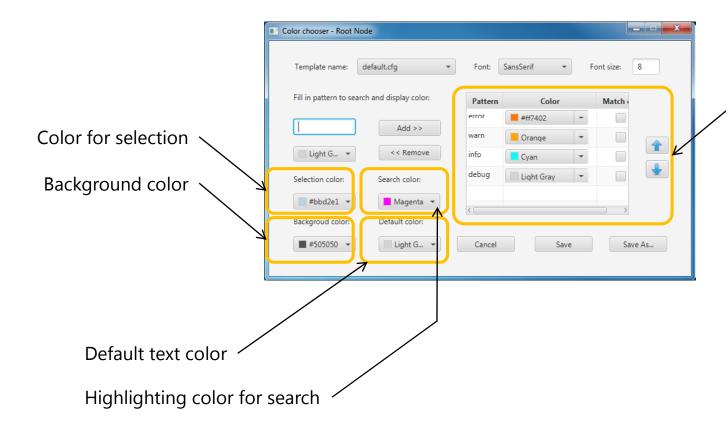






# dbi Tail Color configuration (2)



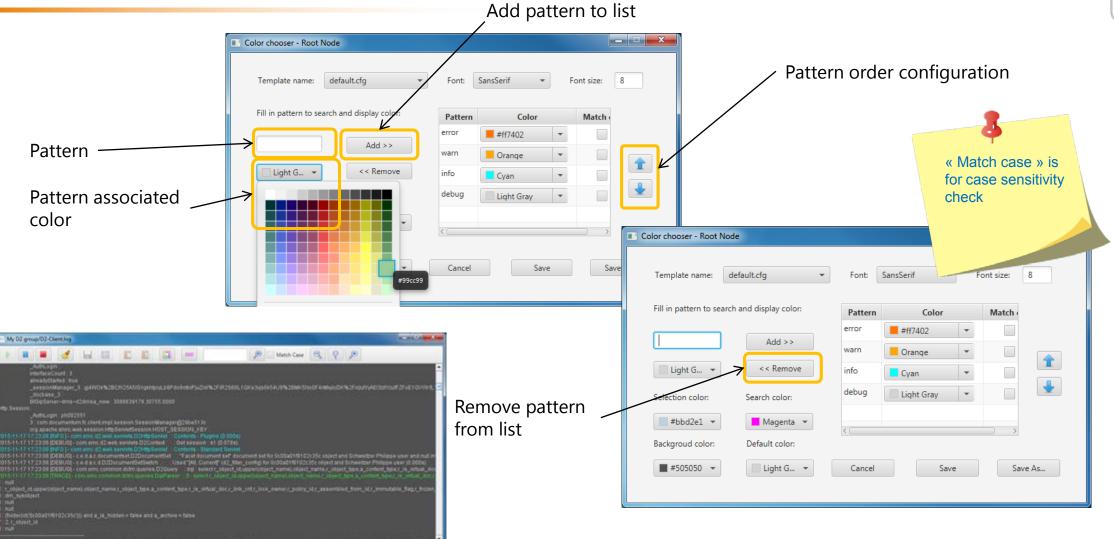


- Pattern color configuration
- Patterns can be configured with specific color
- Color selection while parsing file is made from top to bottom of the pattern color list
- If one "top" pattern matches, all next patterns will be ignored for colorization
- If no pattern matches with current line, default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



#### Color configuration – Pattern management





**DBI Tail User Manual** 

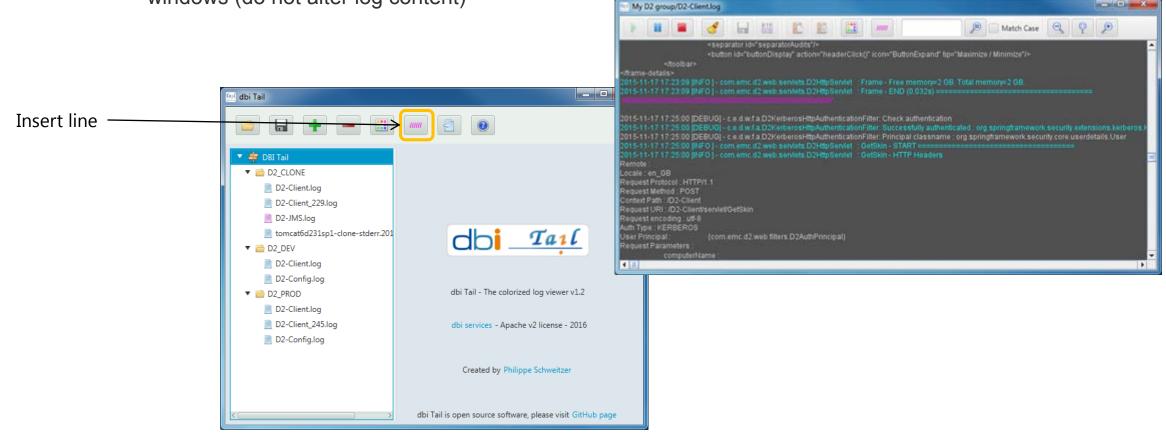


### dbi Tail Insert line



> Inserts a breaking line simultaneously inside all file

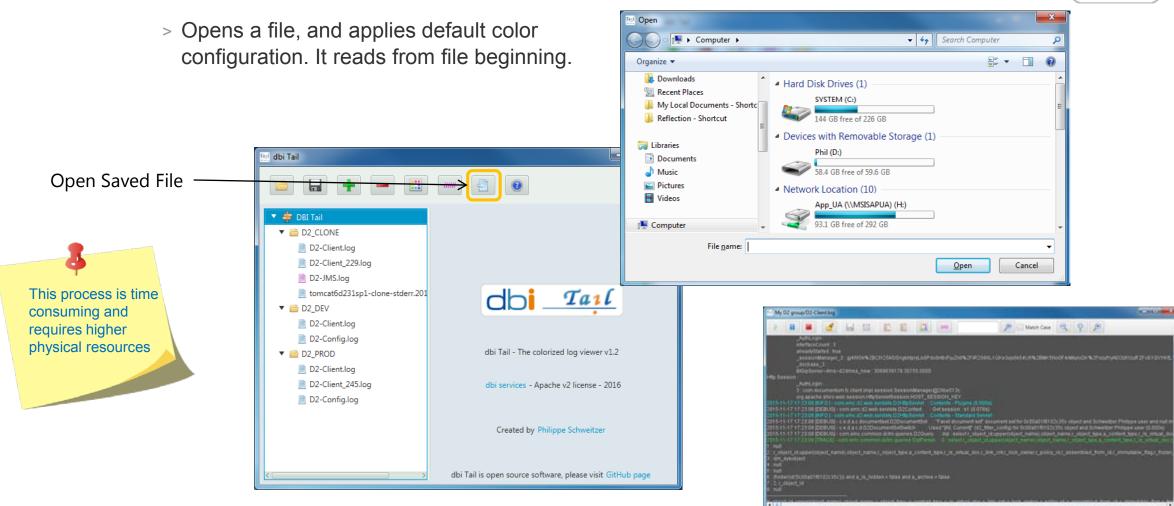
windows (do not alter log content)





### dbi Tail Open offline file

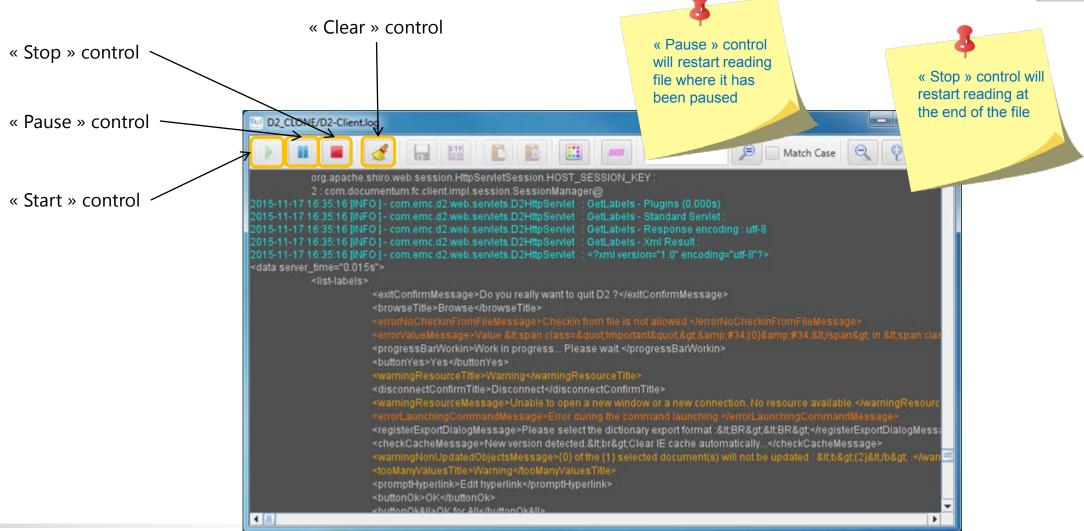






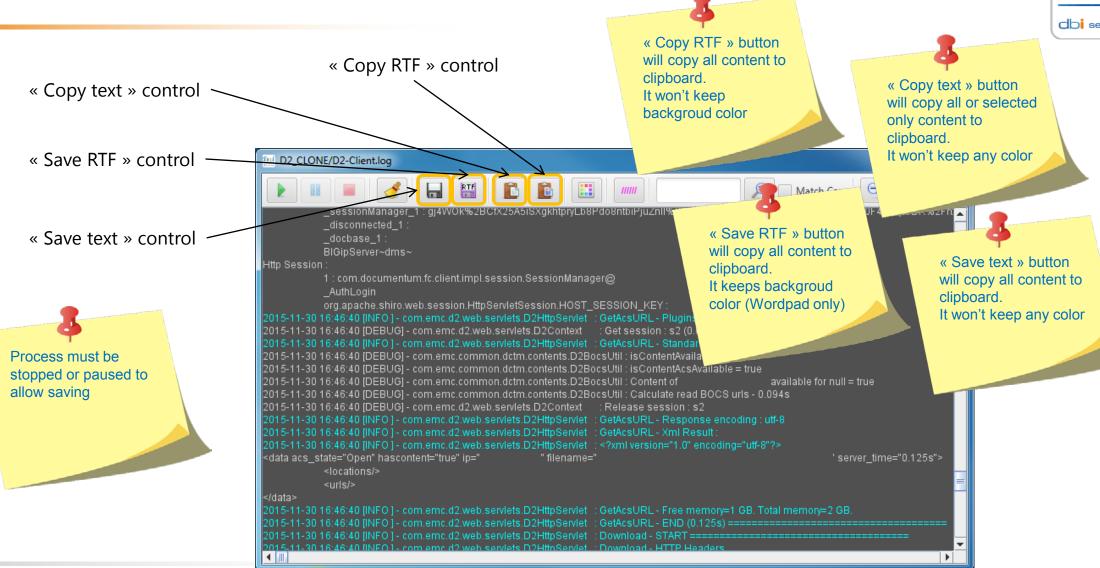
## dbi Tail File window controls





### dbi Tail File window content save

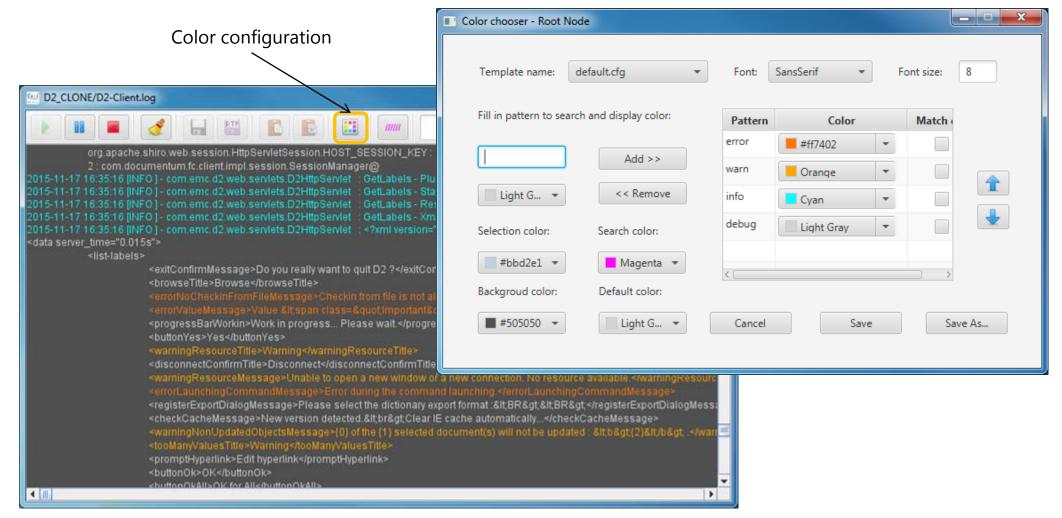






### dbi Tail File window color management



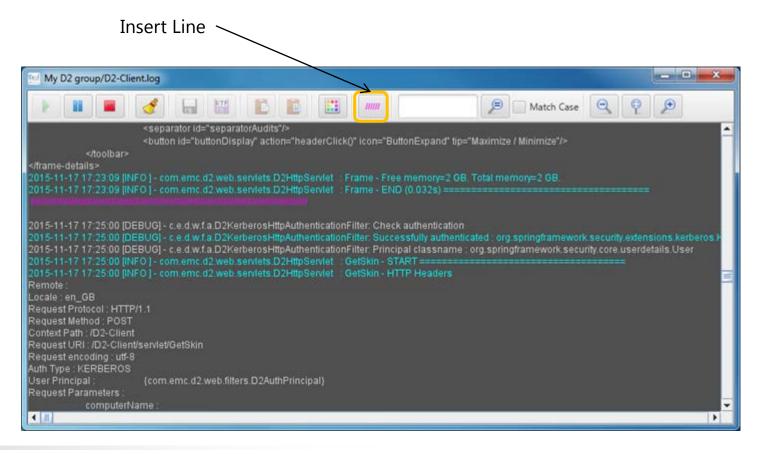


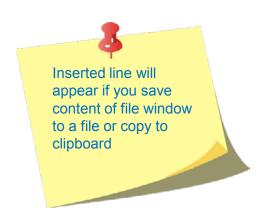


### dbi Tail File window Insert Line



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







#### dbi Tail File window Search



> Search and highlight matching content Content to search « Search» button Case sensitivity D2\_CLONE/D2-Client.log JSESSIONID: 44C42BEFFA55995AA43E80EBF3578107 \_AuthLogin interfaceCount: 1 alreadyStarted : true sessionManager 1 : gj4WOk%2BCfX25A5iSXgkhtpryLb8Pdo8ntbiPjuZnII%2FiR2S66L1QKe3xjs6k54U8%2BMK5No0F4rMkyloDK%2Fn BIGipServer~ \_new: 3089639178.30755.0000 Http Session org.apache.shiro.web.session.HttpServletSession.HOST\_SESSION\_KEY 2015-11-23 10:42:00 [INFO] - com.emc.d2.web.servlets.D2HttpServlet \_: GetDefaultLanguage - Plugins (0.000s) 2015-11-23 10:42:00 [INFO] - com.emc.d2.web.serviets.D2HttpServiet :GetDefaultLanguage - Xml Result: 2015-11-23 10:42:00 [INFO] - com.emc.d2.web.servlets.D2HttpServlet : <?xml version="1.0" encoding="utf-8"?> success result="en" server time="0.000s"/> 2015-11-23 10:42:00 [INFO] - com.emc.d2.web.servlets.D2HttpServlet : GetDefaultLanguage - Free memory=657 MB. Total memory=2 GB. 2015-11-23 10:42:00 [INFO ] - com.emc.d2.web.servlets.D2HttpServlet : GetDefaultLanguage - END (0.000s) = 2015-11-23 10:42:00 [DEBUG] - c.e.d.w.f.a.D2KerberosHttpAuthenticationFilter: Check authentication 2015-11-23 10:42:00 [DEBUG] - c.e.d.w.f.a.D2KerberosHttpAuthenticationFilter: Successfully authenticated : org.springframework.security.extension 2015-11-23 10:42:00 [DEBUG] - c.e.d.w.f.a.D2KerberosHttpAuthenticationFilter: Principal classname : org.springframework.security.core.userdetails. 2015-11-23 10:42:00 [INFO] - com.emc.d2.web.servlets.D2HttpServlet : GetLabels - HTTP Headers Remote: Locale : en\_GB



**4** III

#### dbi Tail File window Zoom



> Graphical zoom of file window content Reset zoom Zoom-in Zoom-out D2\_CLONE/D2-Client.log Match Case JSESSIONID: 44C42BEFFA55995AA43E80EBF3578107 \_AuthLogin : interfaceCount: 1 alreadyStarted : true sessionManager 1 : gj4WOk%2BCfX25A5iSXgkhtpryLb8Pdo8ntbiPjuZnII%2FiR2S66L1QKe3xjs6k54U8%2BMK5No0F4rMkyloDK%2Fn BIGipServer~ new: 3089639178.30755.0000 Http Session 1 : com.documentum.fc.client.impl.session.SessionManager@6201dbc org.apache.shiro.web.session.HttpServletSession.HOST\_SESSION\_KEY 015-11-23 10:42:00 [INFO] - com.emc.d2.web.servlets.D2HttpServlet :: GetDefaultLanguage - Plugins (0.000s) 015-11-23 10:42:00 [INFO] - com.emc.d2.web.servlets.D2HttpServlet : GetDefaultLanguage - Response encoding : utf-8 : 2015-11-23 10:42:00 [INFO] - com.emc.d2.web.serviets.D2HttpServiet : GetDefaultLanguage - Xml Result 2015-11-23 10:42:00 [INFO] - com.emc.d2.web.servlets.D2HttpServlet ::<?xml version="1.0" encoding="utf-8"?> success result="en" server time="0.000s"/> 2015-11-23 10:42:00 [INFO ] - com.emc.d2.web.servlets.D2HttpServlet : GetDefaultLanguage - Free memory=657 MB. Total memory=2 GB. 2015-11-23 10:42:00 [INFO ] - com.emc.d2.web.servlets.D2HttpServlet :GetDefaultLanguage - END (0.000s) == 2015-11-23 10:42:00 [DEBUG] - c.e.d.w.f.a.D2KerberosHttpAuthenticationFilter: Check authentication 2015-11-23 10:42:00 [DEBUG] - c.e.d.w.f.a.D2KerberosHttpAuthenticationFilter: Successfully authenticated : org.springframework.security.extensions 2015-11-23 10:42:00 [DEBUG] - c.e.d.w.f.a.D2KerberosHttpAuthenticationFilter: Principal classname : org.springframework.security.core.userdetails. 2015-11-23 10:42:00 [INFO] - com.emc.d2.web.servlets.D2HttpServlet : GetLabels - HTTP Headers Remote: Locale : en\_GB



## dbi Tail Command line start / File window only



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

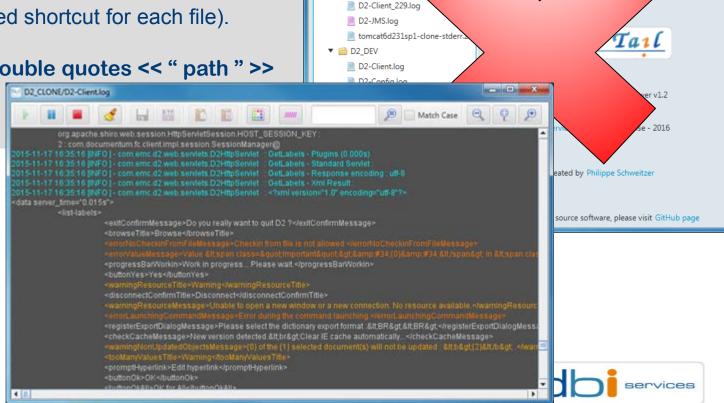
- -> it will open File window for each file passed in argument
- -> it will not open main window

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

▼ 

DBI Tail

D2\_CLONE

D2\_Client.log

## 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

