

LOG FILE READER 2.0 > HELP > 1. INSTALL



1. Install

- Copy to a server. We recommend that you place the file in the root of the Notes data directory
- Sign the database (From the Administrator client or from Domino Designer)
- Set the ACL. The default ACL allows everybody to read the log files - you might want to limit this to your Notes developers and administrators. Notice: restricted files can only be read by Unrestricted Developer and Administrators (specified on the server document in the Domino Directory). More info on restricted files in the config.xml section (next page)

Requirements

- Log File Reader 2.0 needs a 8.5.3 server.
- From Log File Reader 2.5 you will need a 9.x Domino server

Notice: The [Admin] gives access to some additional views and a create button (to create help documents) in the Notes client. You don't need this, it's intended for my use only.

LOG FILE READER 2.0 > HELP > 2. SETUP



2. Setup

Log File Reader 2.0 can read any text or xml file on the server. From release 2.5 you can also read any Notes database.

The **Config.xml** file defines which menus/files that will be accessible in the Log File Reader web interface

You must/should edit this file to match your needs. The is located under 'Resources, Files' in the Domino Designer

Building the menu

The menu is build with <item>'s in two levels, where the first level defines the tabs:

```
<menu>
  <item name="Tab 1">
    <item name="menu entry 1"></item>
    <item name="menu entry 2"></item>
  </item>
</menu>
```

Restricting the menu

You can apply a *restricted="true"* attribute to the menu items

```
<item name="menu entry" restricted=true></item>
```

This will secure that only Unrestricted Developers and Administrators can see this item - no matter which access they might have in the ACL. These are defined on the server document in the Domino Directory.

Notice: If you do not restrict the items, then any user with read access (e.g. Anonymous) to the Log File Reader will be able to read all the log files on the server.

Adding action

If you want something to happen when a menu is selected, then you must add an <action>

Link actions

A simple action that just opens an url link:

```
<action type="link" url="http://www.xpages.dk" />
```

Filereader action

With the filereader action, you can read any text or xml file on the server
The filereader supports 3 types:

```
<action type="filereader" filetype="text"> ... </action>
<action type="filereader" filetype="xml"> ... </action>
<action type="filereader" filetype="log"> ... </action>
```

All filereader actions must include a filename

```
<filename
encodinf="utf-8">[data]\domino\workspace\logs\trace-log-*.xml</filename>
```

The filename can contain a wildcard (*) to include all matching files
and/or be prefixed with

- [data] for the Domino Data library
- [program] is the Domino program library
- [config] is the path where the notes.ini is located

The encoding attribute is optional

Filters

Filereader type "text" and "log" can include filters

Each line is matched against a Regular Expression and style is applied

- applyto="line": The first match wins and is applied to the entire line
- applyto="selection": the styles will be applied to the selection only

```
<filters>
  <filter applyto="line" color="darkred" visible="true" name="jvm" >
    (?i)JVM</filter>
  <filter applyto="line" color="darkblue" visible="true" name=
    "http" >(i)HTTP</filter>
  <filter applyto="selection" color="gray" visible="true" name=
    "datetime" >[0-9]{2}-[0-9]{2}-[0-9]{4}( [0-9]{2}:[0-9]{2}:[0-9]{2}\s)</
    filter>
</filters>
```

The filter can apply the following styles (to the surrounding tag)

- color: css color code
- background: css color code
- bold: [true/false]
- visible: [true/false] - what is the default visibility for the selection
- class: add a css classname to the selection. Define the style class in the custom.css file (Under Resources, Style Sheets in Domino Designer)

xml

xml files can be transformed to html with a xslt file. You can point to a custom file by adding a <transform> tag

```
<transform>Trace_Viewer.xml</transform>
```

log

The filereader type "log" will read the content of the **EventList** field in the specified database

The default config.xml file (version 2.0)



config.xml



3. Use

Open the Log file reader in a browser, e.g.
<http://www.yourdomain.com/logfilereader.nsf>

LOG FILE READER 2.0 > HELP > 4. LICENSES

4. Licenses

The **Log File Reader** is released under the [Apache 2.0 license](#):

```
Copyright 2013 majkilde.dk
```

```
Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at
```

```
http://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.
```

Log File Reader **includes** the following resources

Apache Commons [Lang](#) and [IO](#)

```
Released under the Apache License, Version 2.0
```

```
http://www.apache.org/licenses/
```

[jQuery](#)

```
jQuery is provided under the MIT license
```

```
http://jquery.org/license/
```

[TableSorter](#)

```
Dual licensed (just pick!) under MIT or GPL licenses.
```



5. Known issues

Printing problems from Notes

The dark background color in the Notes views might look nice - but Lotus Notes can't print the white text ...

LOG FILE READER 2.0 > HELP > 6. NEW FEATURES



6. New features

Release 2.0

- Can read any text file on the server
- Files can be downloaded on the client
- Better file browser (files are sorted by date)
- Browse all .jar files in the Ext folder on the server - or download them for closer inspection
- Improved UI (wider screen, easier scrolling)
- Custom filters: e.g. highlight error/warning messages or hide the time/dates
- Better security. The default Log File Reader can be used by Anonymous users - but restricted files can only be viewed by Administrators & Developers specified on the server document in the Domino directory
- You can customize the Log File Reader by editing the Config.xml file
 - Add more files
 - Use a custom xslt file to transform xml files to more readable html
 - Specify file encoding, e.g. utf-8 to support other languages
 - Define your own filters

Release 2.5 (soon)

- Can read any nsf file, e.g. the OpenNTF log file or your own custom log file