



muCommander

Project:
**Breadcrumb bar
for
muCommander**

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muCommander (description)

*"I have found jesus. He came to me in the form of muCommander.,,
-- a happy user*

- ✓ **lightweighth, cross-platform file manager featuring a Norton Commander style interface (dual-pane)**
- ✓ **runs on any system with Java support (Mac OS X, Windows, Linux, *BSD, Solaris, ...)**
- ✓ **free software (GPL)**



muCommander (ohloh analysis)

-  mostly written in Java (95%)
-  mature, well-established code base
-  well-commented source code
-  decreasing year-over-year development activity



muCommander (preview)

The screenshot displays the muCommander file manager interface. The main window shows a file list for the directory `/Users/nrinaudo/Pictures/Holidays/`. The list includes several JPEG files (DSCF0340.jpg to DSCF0345.jpg) and a directory listing. A sidebar on the left shows the file system tree, with `Downloads` selected. An `Edit credentials` dialog box is open in the foreground, showing a list of protocols: `ftp://ftp.lip6.fr/`, `sftp://192.168.0.5/`, `smb://TechDoc/`, and `http://dev-wiki/`. The `Login` field is set to `anonymous` and the `Password` field is masked with asterisks. The dialog has `Delete` and `Close` buttons.

| Ex... | Name | Size | Date | Perm... |
|--------|---------------------|--------|----------------|---------|
| <DIR> | .. | | 07/03/14 12:09 | |
| <DIR> | .ant | | 06/04/23 01:34 | drw- |
| <DIR> | .cpan | | 05/06/08 18:18 | drw- |
| <DIR> | .emacs.d | | 04/10/06 20:57 | drw- |
| <DIR> | .jprofiler4 | | 07/01/23 12:40 | drw- |
| <DIR> | .mucommander | | 07/02/22 21:44 | drw- |
| <DIR> | .ssh | | 07/01/23 17:17 | drw- |
| <DIR> | .Trash | | | |
| <DIR> | .xchat2 | | | |
| <DIR> | Desktop | | | |
| <DIR> | dev | | | |
| <DIR> | Documents | | | |
| <DIR> | Downloads | | | |
| <DIR> | Incomplete | | | |
| <DIR> | Library | | | |
| <DIR> | Movies | | | |
| <DIR> | Music | | | |
| <DIR> | Pictures | | | |
| <DIR> | Public | | | |
| <DIR> | Sites | | | |
| <FILE> | .bash_history | 6.0 KB | 07/02/27 13:36 | -rw- |
| <FILE> | .bash_profile | 4.4 KB | 07/01/08 12:51 | -rw- |
| <FILE> | .CFUserTextEncoding | 41 KB | 05/09/11 21:59 | -rw- |
| <FILE> | .cvspass | 2.3 KB | 05/10/06 19:21 | -rw- |
| <FILE> | .DS_Store | 1 KB | 06/06/10 10:11 | -rw- |
| <FILE> | .emacs | 1 KB | 05/08/29 11:57 | -rw- |
| <FILE> | .fonts.cache-1 | 1.3 KB | 06/04/25 07:25 | -rw- |
| <FILE> | .recently-used | 0 KB | 05/10/06 19:36 | -rw- |
| <FILE> | .starteam | | | |
| <FILE> | .sversionrc | | | |
| <FILE> | .viminfo | | | |
| <FILE> | .Xauthority | | | |

1 of 31 selected - Downloads

Free: 31 GB / 74 GB

View [F3] Edit [F4] Copy [F5] Move [F6] Make dir [F7] Delete [F8] Refresh [F9] Close window [F..]



muCommander (features)

- ✓ virtual filesystem with support for local volumes, FTP, SFTP, SMB, NFS, HTTP, Amazon S3, Hadoop HDFS and Bonjour
- ✓ quickly copy, move, rename files, create directories, email files...
- ✓ browse, create and uncompress ZIP, RAR, 7z, TAR, GZip, BZip2, ISO/NRG, AR/Deb and LST archives
- ✓ ZIP files can be modified on-the-fly, without having to recompress the whole archive
- ✓ highly configurable (themes)
- ✓ available in 23 languages



muCommander (how to contribute?)

- ✓ for Java developers there is a lot of issues/custom queries (tickets) that are worth fixing/implementing
- ✓ anyone can submit a patch for a new feature/bug fix, then, developers decide whether it will be committed as it is (or after minor adjustments) or will be refused – write access to the repository has to be earned!
- ✓ a non-java developer may contribute by:
 - ✓ making/maintaining documentation
 - ✓ reporting an issue/submitting a new feature request
 - ✓ doing an artwork (icons, images, ...)
 - ✓ making translations



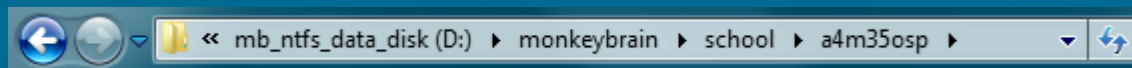
muCommander (project/team)

- ✓ **the muCommander sources are kept in an SVN repository**
 - ✓ svn checkout <https://svn.mucommander.com/mucommander> mucommander (read-only)
- ✓ **the [trac] is used as an issue tracking system, it is also the center of the muCommander community and is intended for users and contributors alike.**
 - ✓ muCommander[trac]: <http://trac.mucommander.com/>
- ✓ **the development team communicates through an IRC channel, forums, and emails**
 - ✓ IRC channel: <irc://irc.freenode.net/mucommander>
 - ✓ Forums: <http://www.mucommander.com/forums/>
 - ✓ developers mailing-list: <http://groups.google.com/group/mucommander-dev>

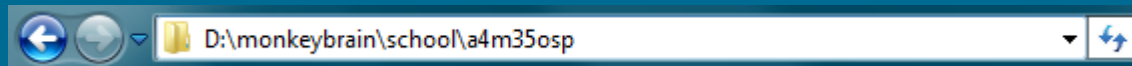


muCommander (breadcrumb bar)

- ✓ the goal of my assignment is to implement (location-based) breadcrumb bar, which is going to replace existing (plane) location text field



- ✓ one of objectives is to sustain the former functionality of the location text field (the bar has to be editable)



-- snapshots of a location-based breadcrumb bar in Windows 7



muCommander (sources)

Thank you for your attention!

✓ **muCommander's homepage**

<http://www.mucommander.com/>

✓ **developer's quickstart guide**

<http://www.mucommander.com/wiki/QuickStartGuide>

✓ **muCommander's FAQ**

<http://www.mucommander.com/wiki/FAQ>