muCommander

# Project:
# Breadcrumb bar for muCommander

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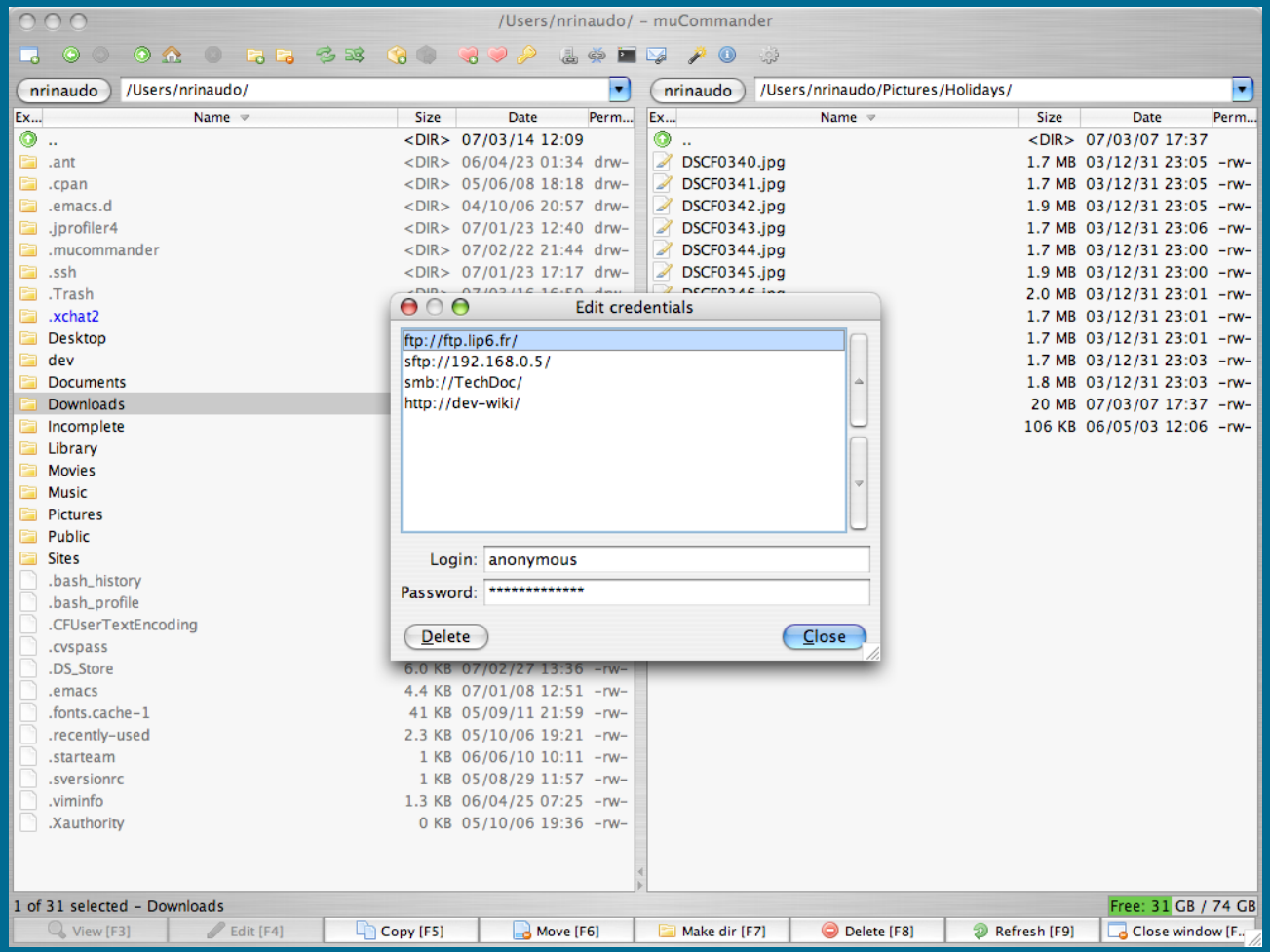
# muCommander (reminder)

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

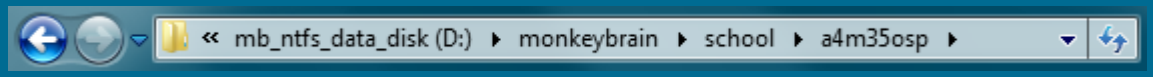
- ✓ lightweigth, cross-platform file manager featuring a Norton Commander style interface (dual-pane)
- ✓ runs on any system with Java support (Mac OS X, Windows, Linux, *BSD, Solaris, ...)
- ✓ free software (GPL)

# muCommander (preview)

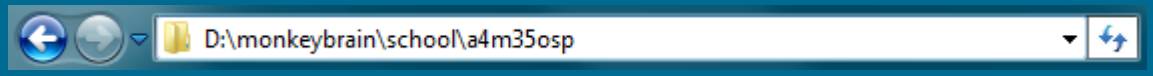


# muCommander (breadcrumb bar)

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




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




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

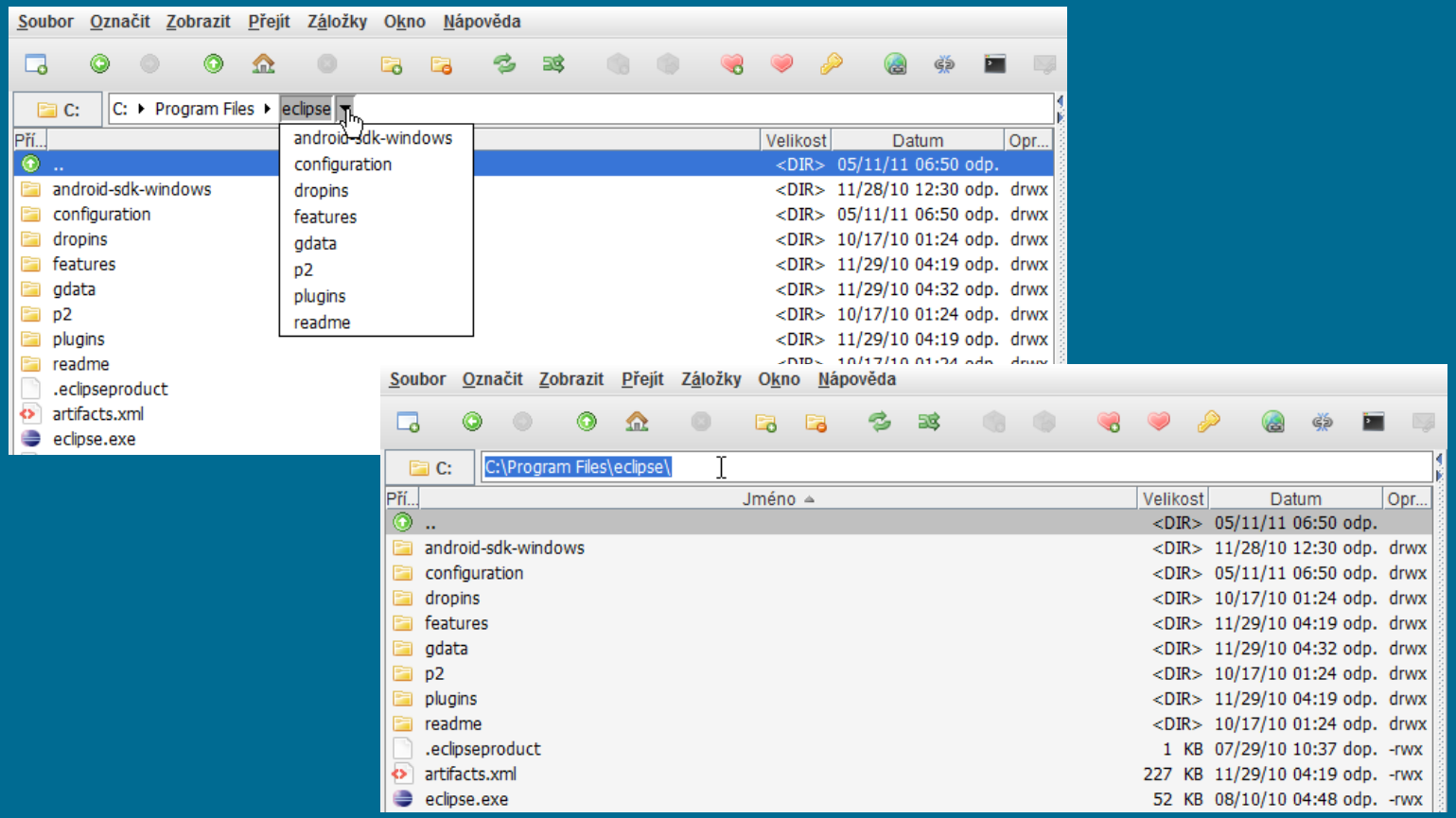
# muCommander (what has been done)

- ✓ Selfstanding, reliable and reusable BreadcrumbBar component, implemented in standard Java MVC architecture (model-delegate).
- ✓ Use the implemented BreadcrumbBar to create a location bar that would meet the team expectations.
- ✓ Study muCommander APIs mainly connected with file processing.
- ✓ Results: 6 components coded in 4800 LOCs (33% comments).

# muCommander (project review)

- ✓ My breadcrumb bar implementation has been succesful and it has been accepted by Maxence (head developer).
- ✓ Testing of the integration of the location breadcrumb bar into the muCommander has been done by Maxence himself, who keeps feeding me with a new and improving suggestions (and this process hasn't stopped...)
- ✓ Now the LocationBreadcrumbBar Component is making its way to the next release of muCommander.
- ✓ Next comes a small preview of my work...

# muCommander (breadcrumb location bar)



# muCommander (team cooperation)

- The most of the communication was done through emails
  - I basically communicated only with Maxence, who led the way the breadcrumb bar should follow.
  - Bulk mails may have been sent to mucommander-dev@googlegroups.com which I did not used, cause all of the information I needed it I got from Maxence.
- There is an IRC channel irc://irc.freenode.net/mucommander that is used to exchange hints and share knowledge with whoever is currently connected, and there is almost always someone (not counting the bot called ChainChomp)

# muCommander (team cooperation)

- ✓ I have no idea what bad to point out about the project. Frankly, everything went great for me.
- ✓ It's been absolutly great to participate on such a complex application in such a way that always, when someone opens (a new version of) muCommander, there will be my piece of work improving the user's experience.

# 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