27.02.2012

GITK

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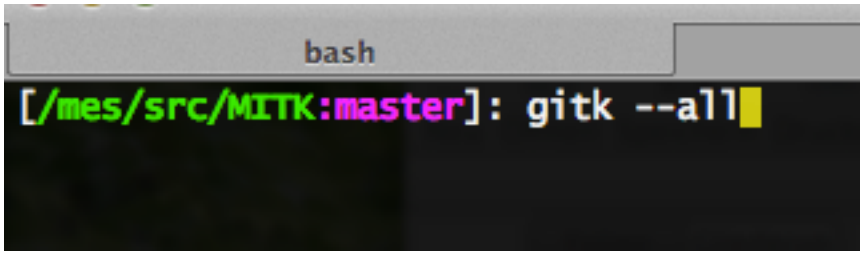
Main Objectives

Visualization & control

Traceability of changes

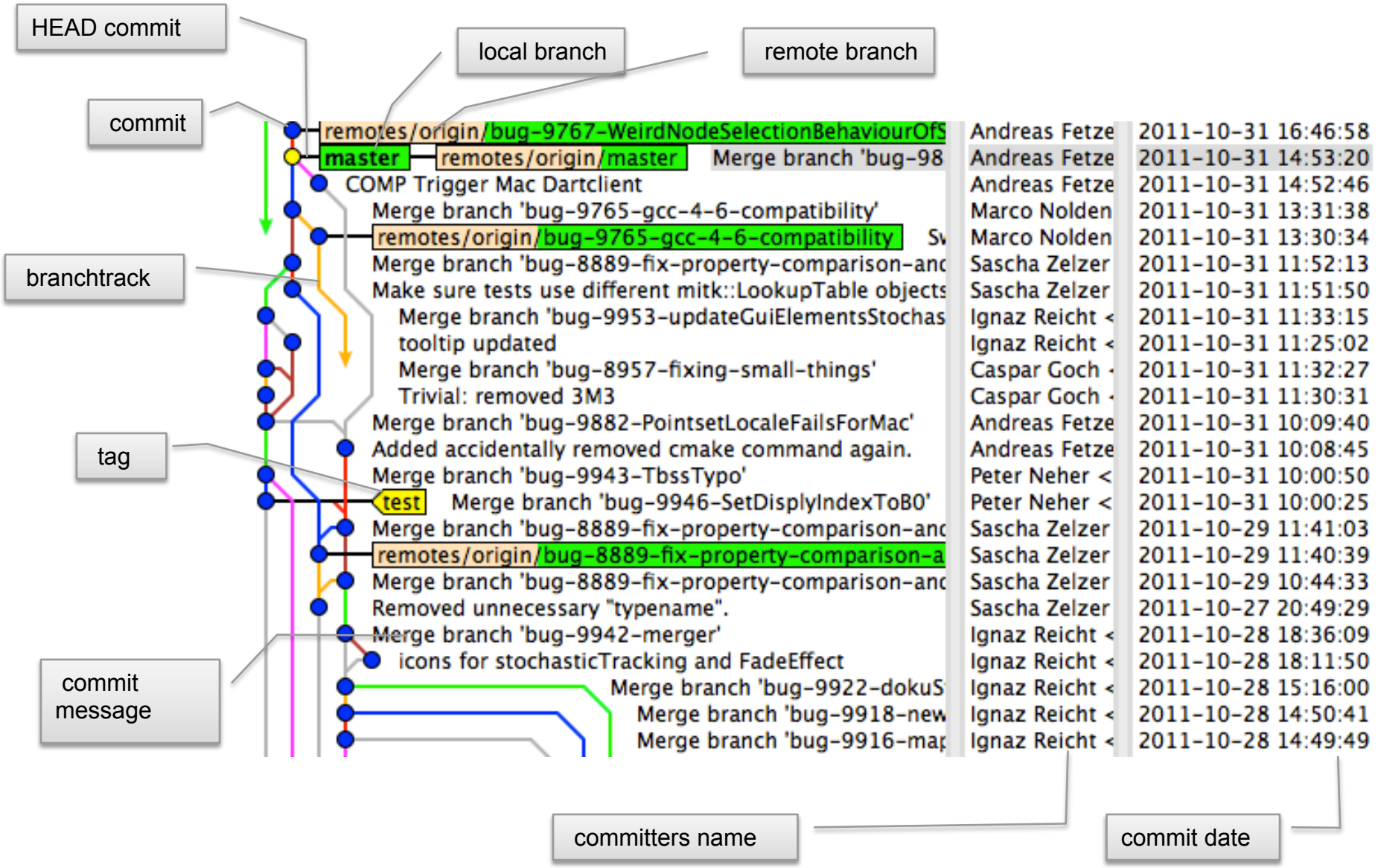
Knowing the commands – helps learn to use command-line tools more easy

Open gitk

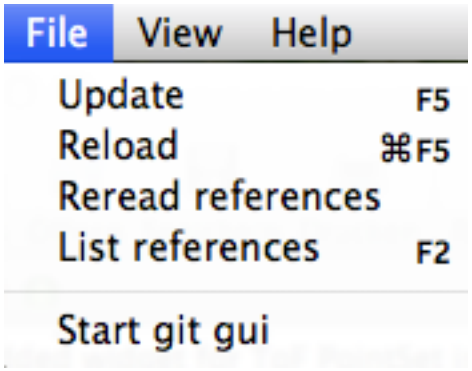


- **--all**
  - gitk --all to see all branches
- **--since=<date> & --until=<date>**
  - gitk --since="2 days go"

Legend (History View)

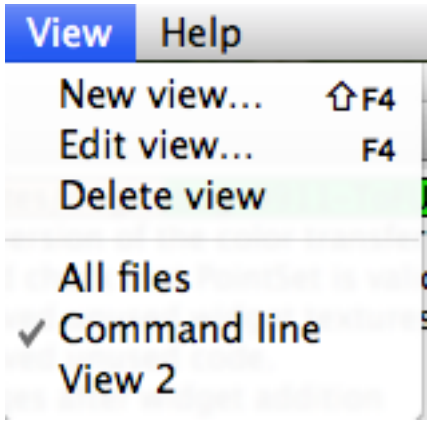


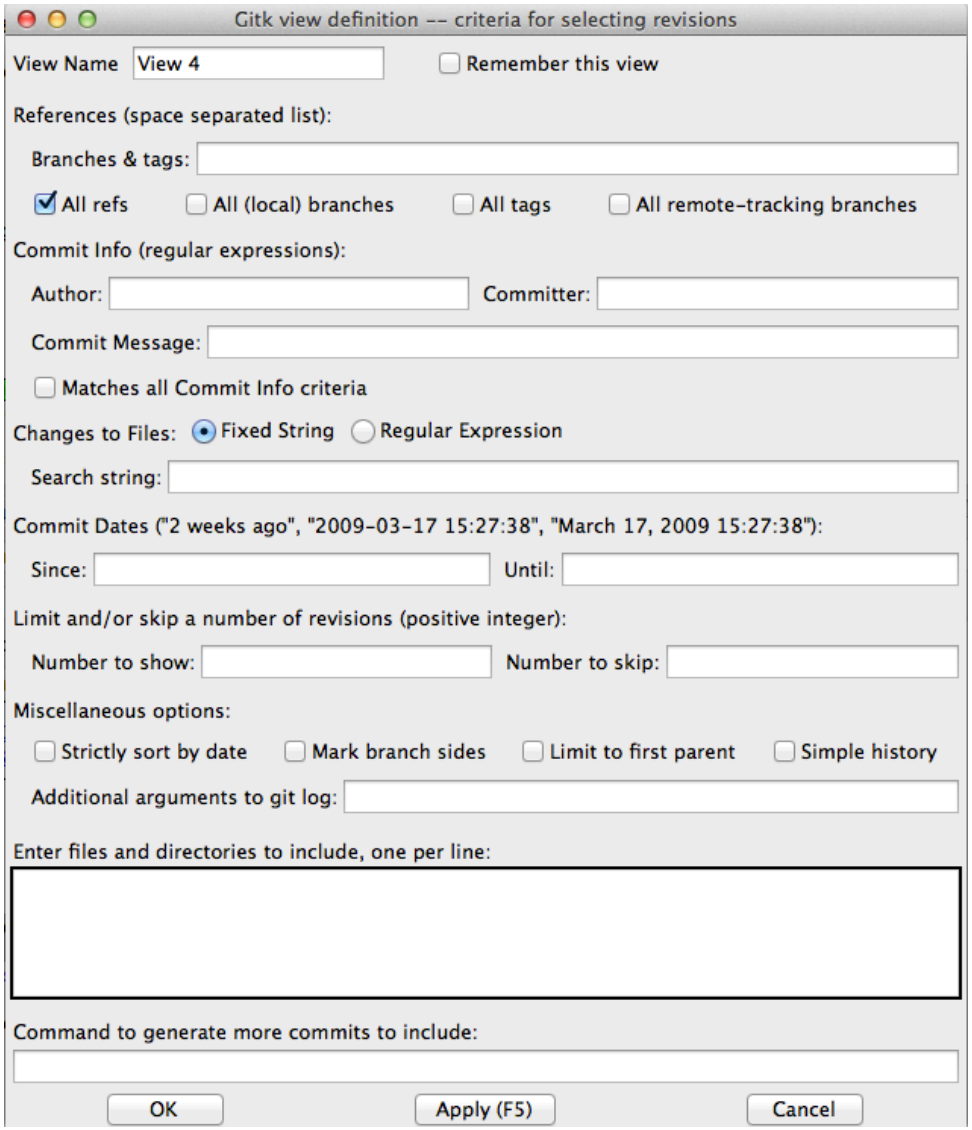
File menu



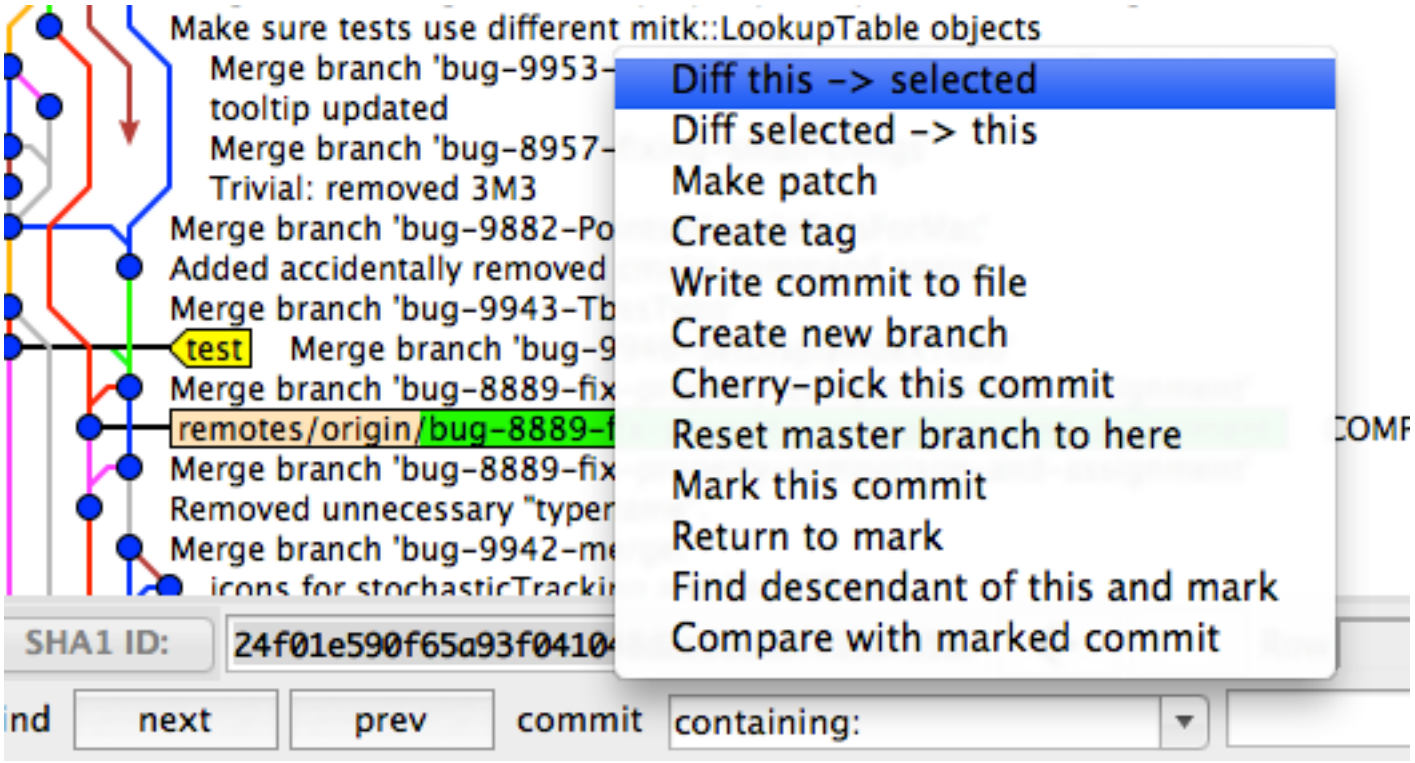
- **Reload**
  - Refreshes everything as if you started the program again with the same configuration
  - UI-Visualization (colors, structure) can change
- **Update**
  - Refreshes all information
  - UI-Visualization (colors, structure) stay the same
- **Reread References**
- **List References**
  - Quick search function
- **Start git gui**

View


View
Help
New view... ⇧F4
Edit view... F4
Delete view
All files
Command line
View 2


Gitk view definition -- criteria for selecting revisions
View Name
View 4
Remember this view
References (space separated list):
Branches & tags:
All refs
All (local) branches
All tags
All remote-tracking branches
Commit Info (regular expressions):
Author:
Committer:
Commit Message:
Matches all Commit Info criteria
Changes to Files:
Fixed String
Regular Expression
Search string:
Commit Dates ("2 weeks ago", "2009-03-17 15:27:38", "March 17, 2009 15:27:38"):
Since:
Until:
Limit and/or skip a number of revisions (positive integer):
Number to show:
Number to skip:
Miscellaneous options:
Strictly sort by date
Mark branch sides
Limit to first parent
Simple history
Additional arguments to git log:
Enter files and directories to include, one per line:
Command to generate more commits to include:
OK
Apply (F5)
Cancel

Content Menu (History Window)

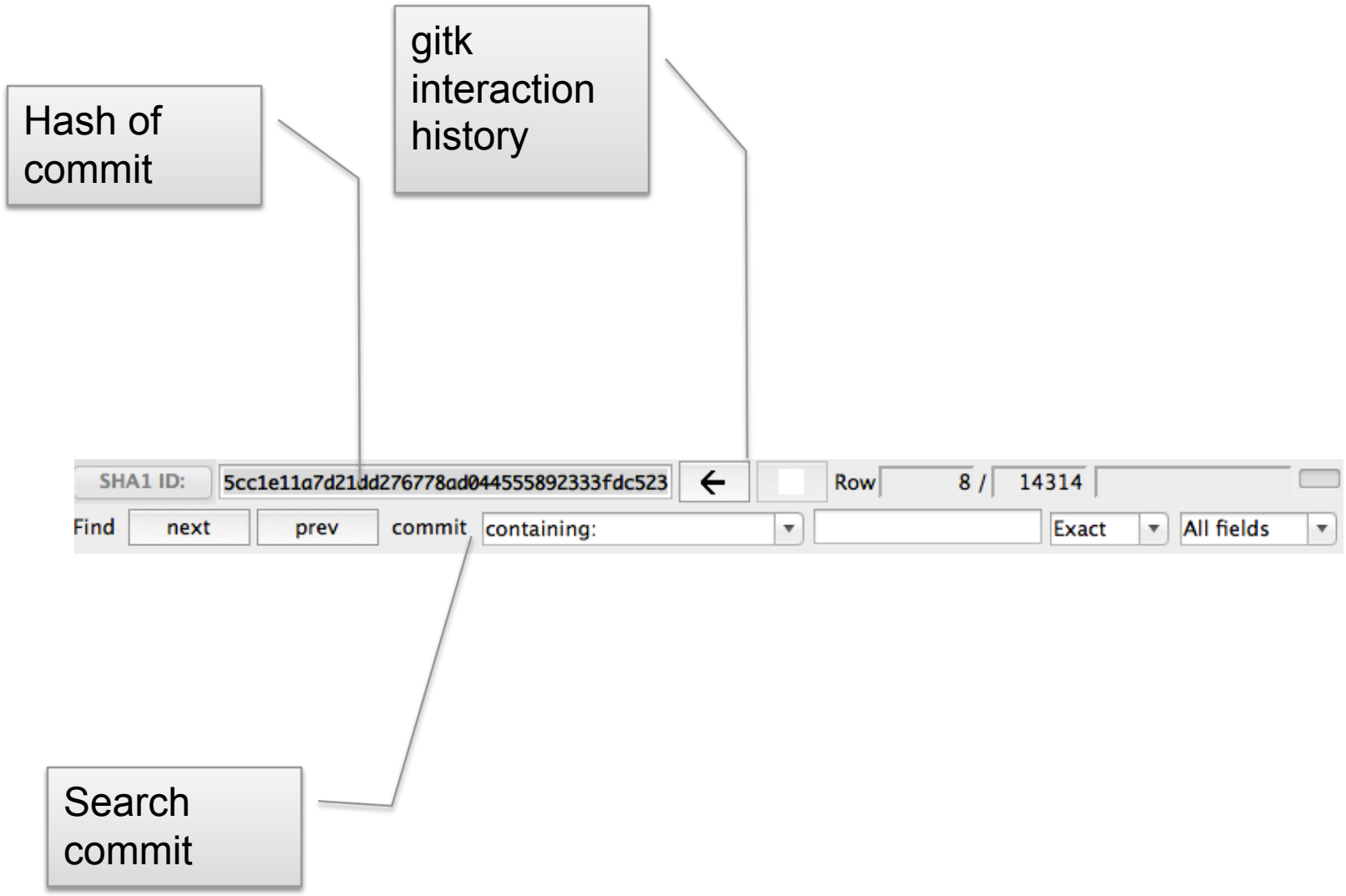


Content Menu (History Window)

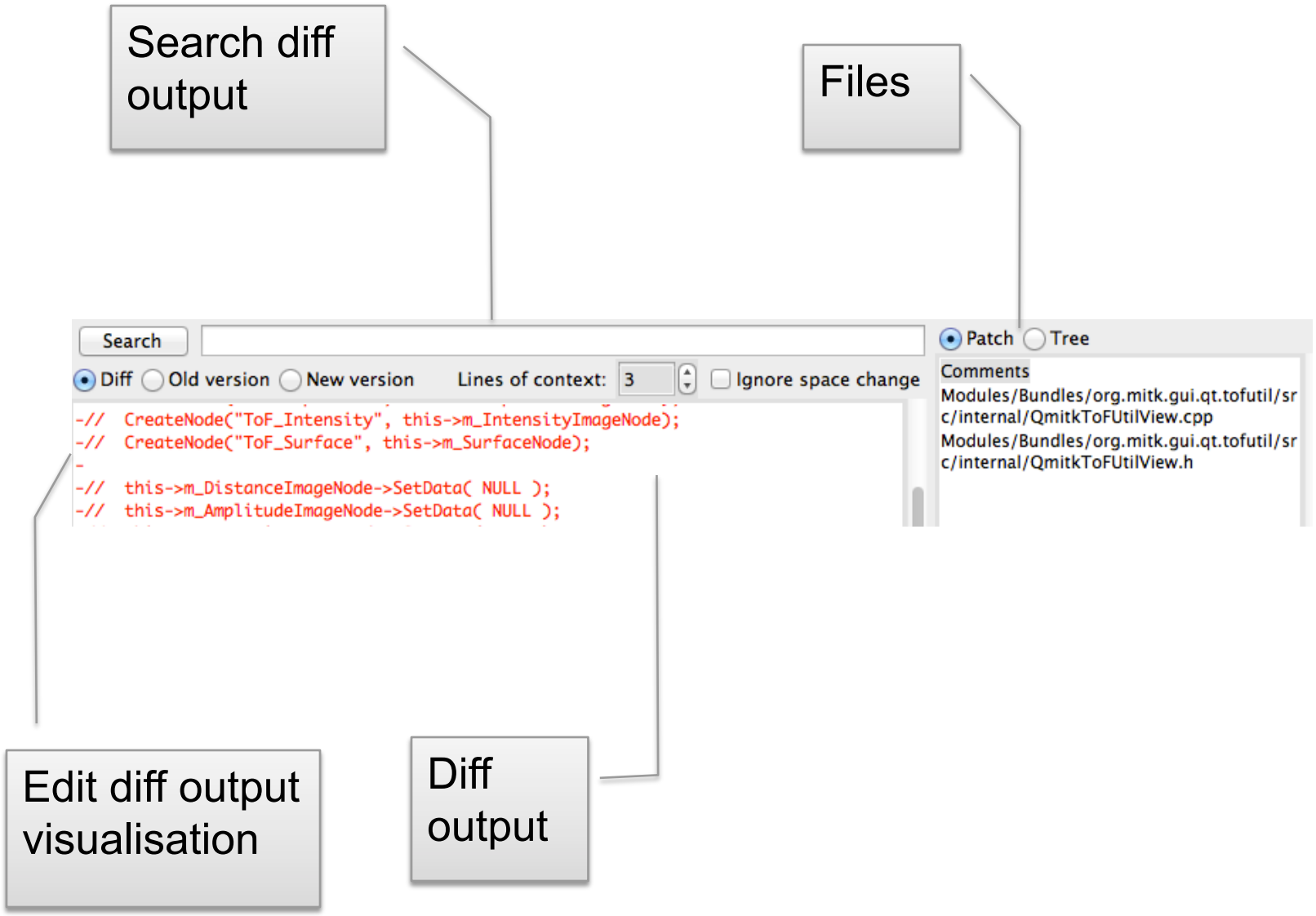
- git-diff (Diff this <-> selected
- git-format-patch (make patch)
- git-tag (create tag to mark important places in the History)
- git-diff-tree (write commit to file, rarely used)
- git-branch
- git-cherry-pick
- git-reset (reset branch to here) This prompts you for soft, mixed, or hard, with a brief reminder of what each does.

- Mark a commit
- Return to mark
- Find descendant (mark and current)
- Compare (mark with current)

Commit Menu


Hash of commit
gitk interaction history
SHA1 ID:
5cc1e11a7d21dd276778ad044555892333fdc523
Row
8 /
14314
Find
next
prev
commit
containing:
Exact
All fields
Search commit

Diff Window


Search diff output
Files
Search
Patch
Tree
Diff
Old version
New version
Lines of context:
3
Ignore space change
-// CreateNode("ToF_Intensity", this->m_IntensityImageNode);
-// CreateNode("ToF_Surface", this->m_SurfaceNode);
-// this->m_DistanceImageNode->SetData(NULL);
-// this->m_AmplitudeImageNode->SetData(NULL);
Comments
Modules/Bundles/org.mitk.gui.qt.tofutil/src/internal/QmitkToFUtilView.cpp
Modules/Bundles/org.mitk.gui.qt.tofutil/src/internal/QmitkToFUtilView.h
Edit diff output visualisation
Diff output

Ende

Vielen Dank!