

Technology Background

Development environment, Skeleton and Libraries

Slides by Prof. Dr. Matthias Hölzl
(based on material from Dr. Andreas Schröder)



Lecture 1

I. Eclipse

II. Git

Lecture 2

IV. Skeleton Overview

V. Libraries Overview

VI. Game Rules and Coding Task



Part I. Eclipse

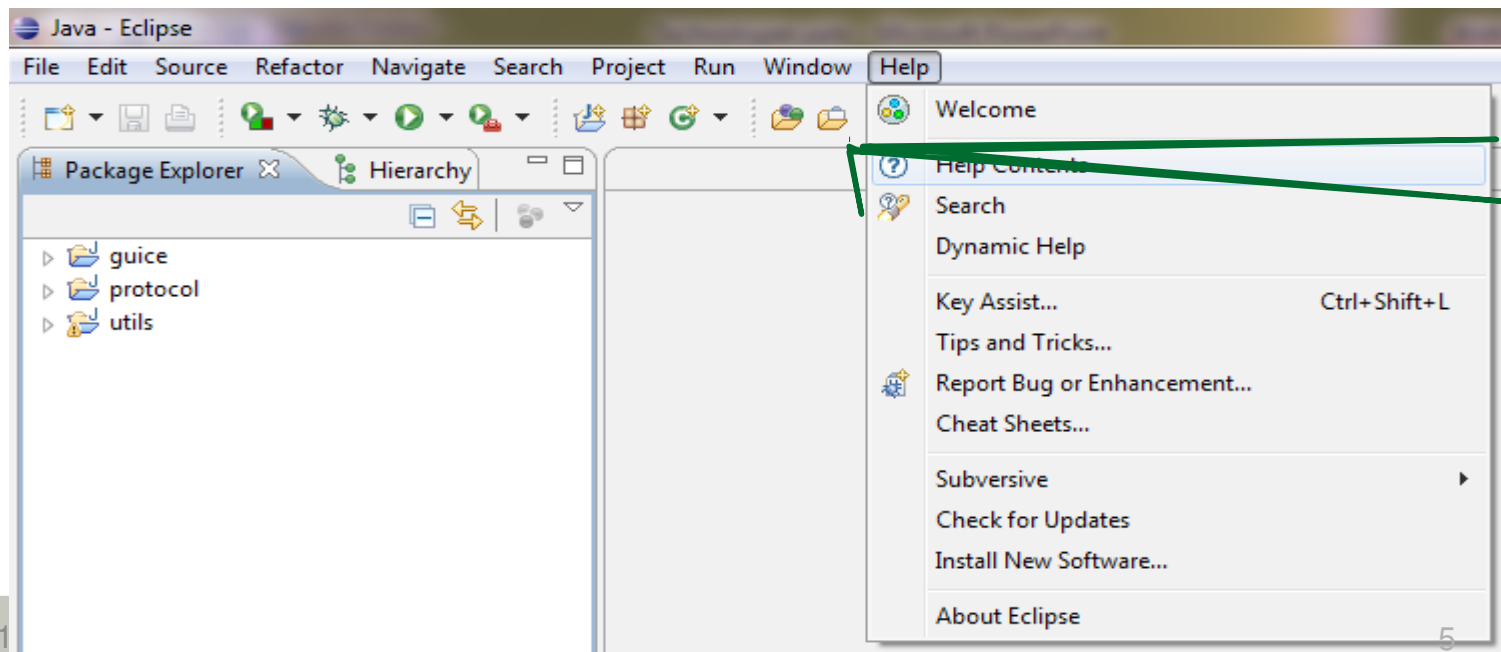


Learning Target

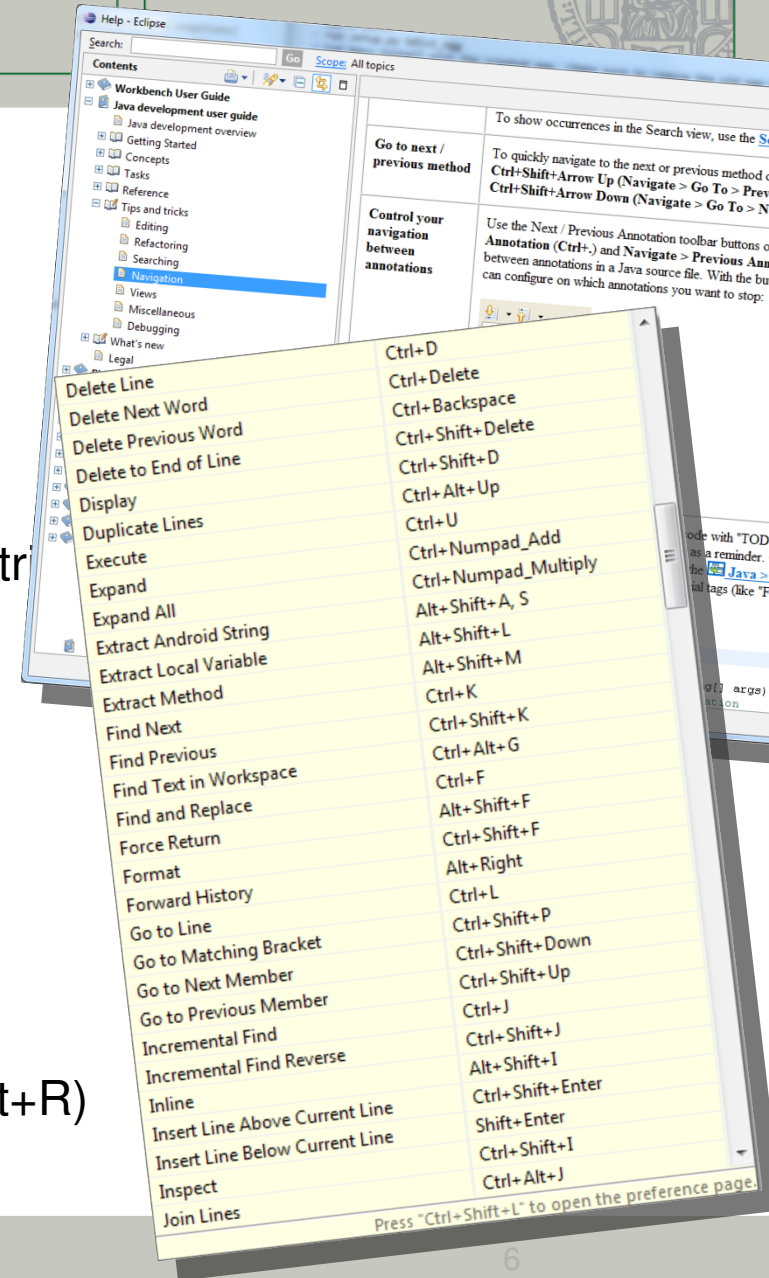
- Recognize the power of Eclipse
- Identify what you did not know yet
- Know where to find tutorials and help
- Being able to set up the Eclipse IDE for the lab

Eclipse is far more than a Java editor

- Code navigation and exploration
- Refactoring
- Background compilation
- Customizable build system
- Extensible: Git, JUnit, Code Coverage, Web development tools, ...



- Recommended **reads**
 - Workbench user guide > Tips and tricks
 - Java development user guide > Tips and tricks
- Recommended **shortcuts**
 - Quick Fix (Ctrl+1), Quick Access (Ctrl+3)
 - Open Type / resource (Ctrl+Shift+T / Ctrl+Shift+R)
 - Open declaration / Javadoc (F3 / F2)
 - Quick type hierarchy (Ctrl+T)
 - Quick outline (Ctrl+O)
 - Refactor / Rename (Alt+Shift+T / Alt+Shift+R)
 - ... Key bindings overview (Ctrl+Shift+L) J





To setup your Eclipse, you need to:

1. Download and install eclipse
2. Setup basics: code styles, save actions, file encoding,
...
3. Setup Tomcat
4. Setup Git
5. Setup DB
6. Setup Launch configurations
7. Install other plugins/extensions as needed (e.g., EclEmma)



Part II. Git



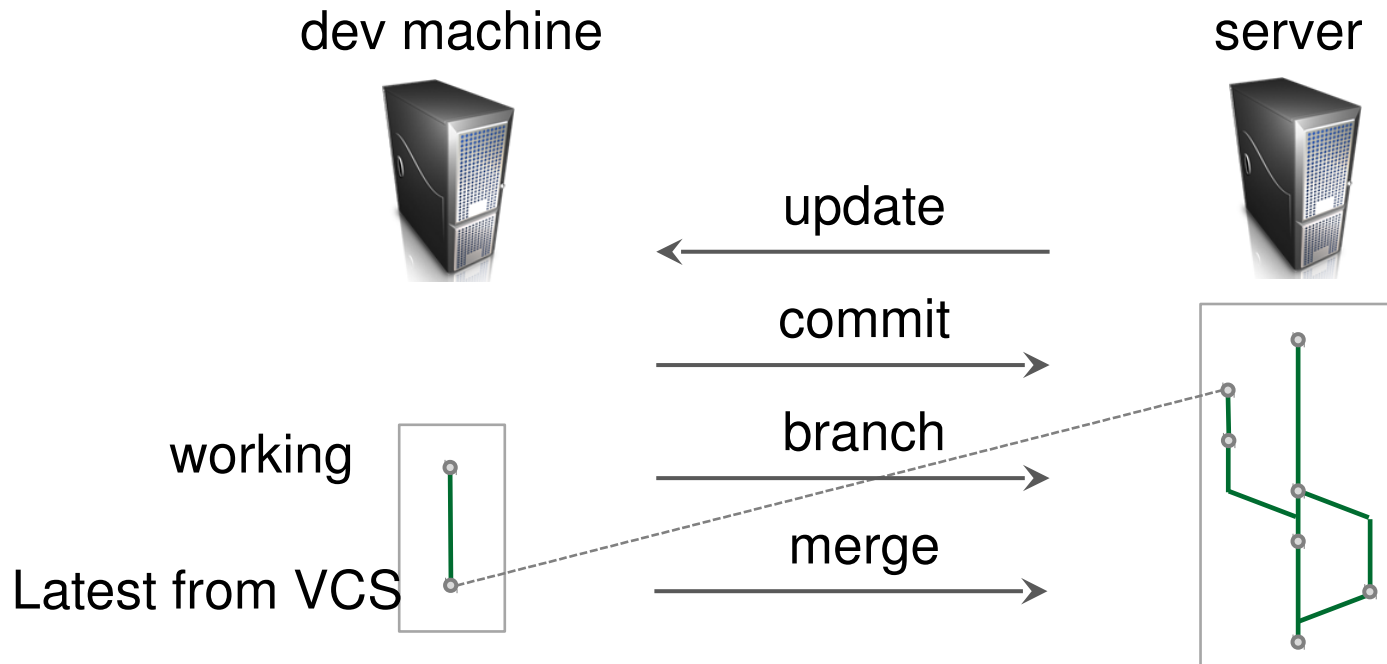
- Git is a modern **distributed** version control system (VCS)
- Initial release **2005** by Linus Torwalds
- Widely adopted in open source communities: Linux Kernel, Ruby on Rails, Android, Debian, ...
- Can best be learned if you **forget everything you know** about how (centralized) version control works!



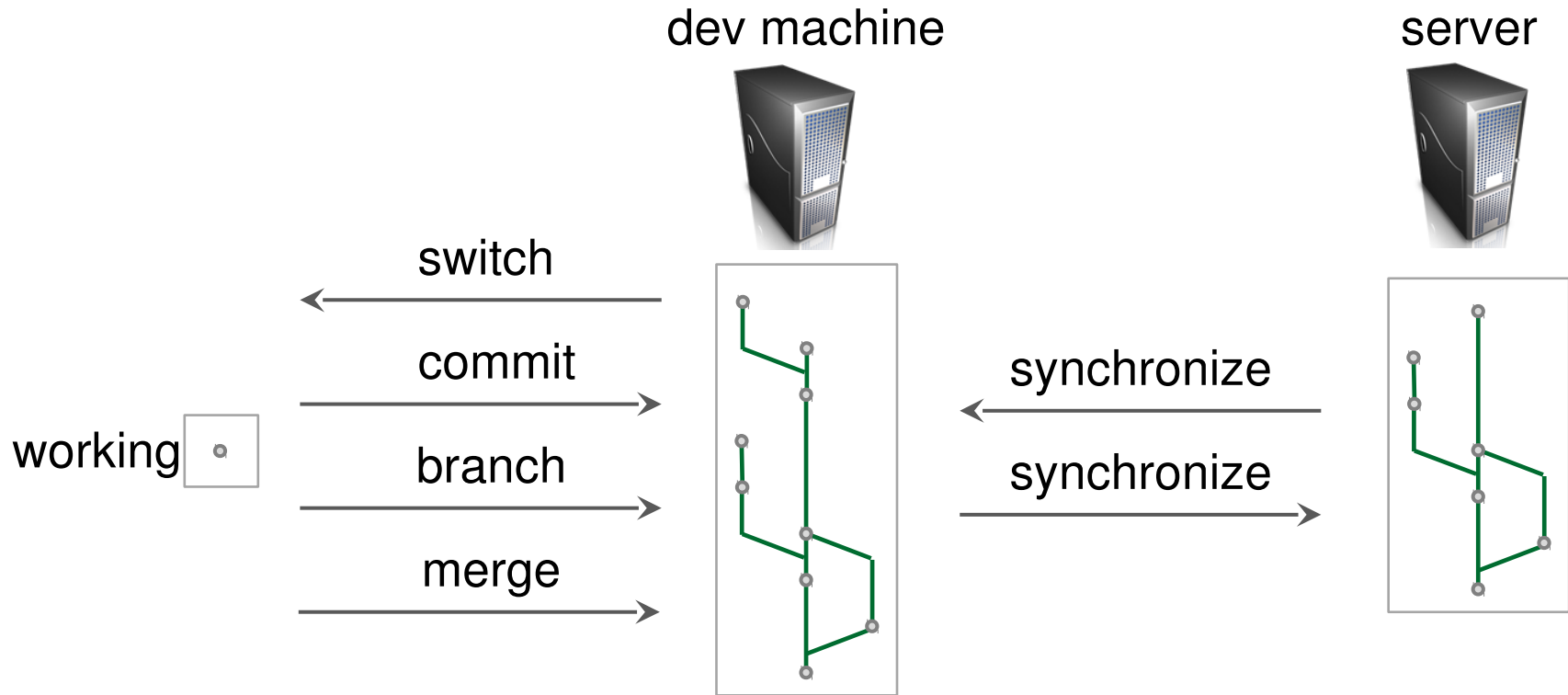
- **Repository** – a database containing files under version control and the history of these files.
- **Working Copy** – a local copy of files from the repository. May be modified, and may not represent the most recent repository revision.
- **Revision** – the state of a file (CVS), of a branch (Git), or of the whole repository (SVN) as committed to the version control system.
- **Change Set** – a set of modifications to files under version control.
- **Commit** – the act of writing a change set from the working copy to the repository.
- **Update** – the act of fetching changes that have been performed on the repository since the last update and applying them to the working copy.



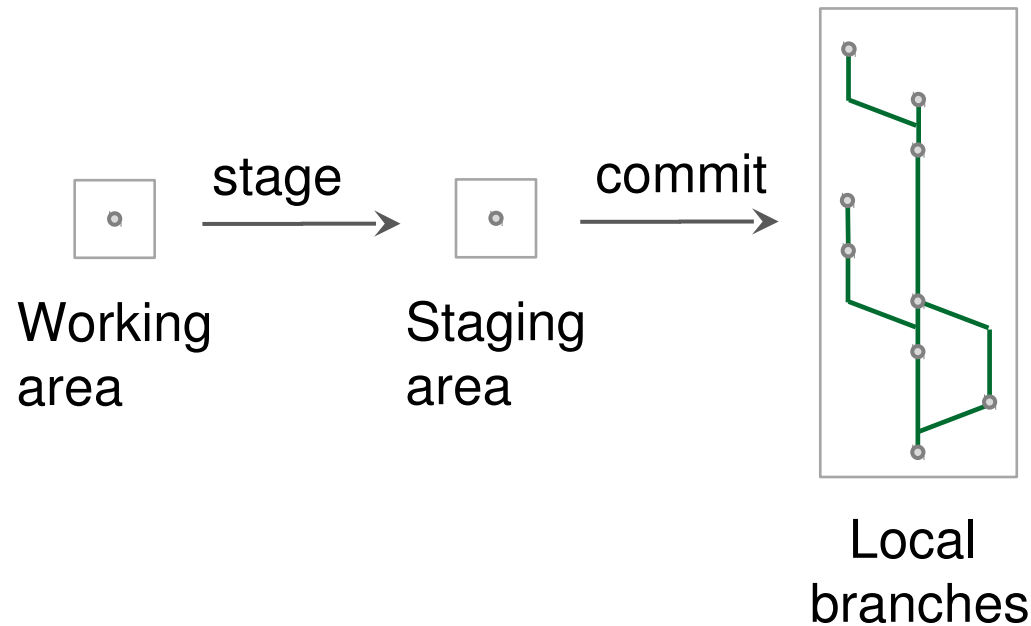
- **Branch** – a set of files under version control that evolve independently of other file sets. Often defines an own line of development of a product.
- **Tag** – a human-readable link to a specific revision. Is often used to mark the source code of released versions (e.g. tag v_2_0_3).
- **Trunk/Master** – the branch denoting the main line of development of a product.
- **Merge** – the act of reconciling change sets from parallel branches.
- **Switch** – the act of changing the working copy from a branch to another.
- **Conflict** – occurs when a file was changed concurrently, and the VCS cannot reconcile the changes automatically. Conflicts must be **resolved** manually.



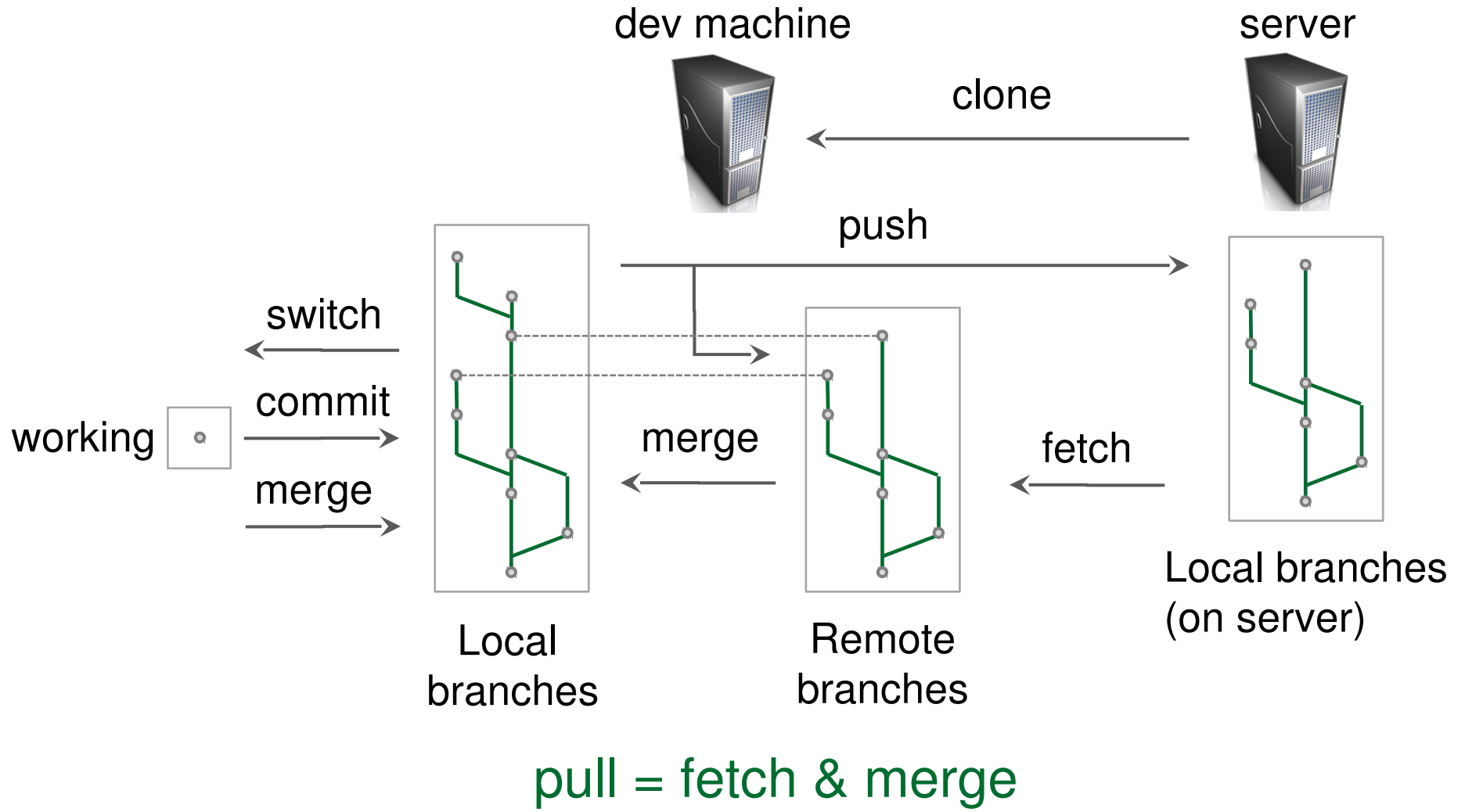
- § Cannot work **without connectivity**
- § Needs **server** to branch and merge
- § Cannot save experimental features **locally**

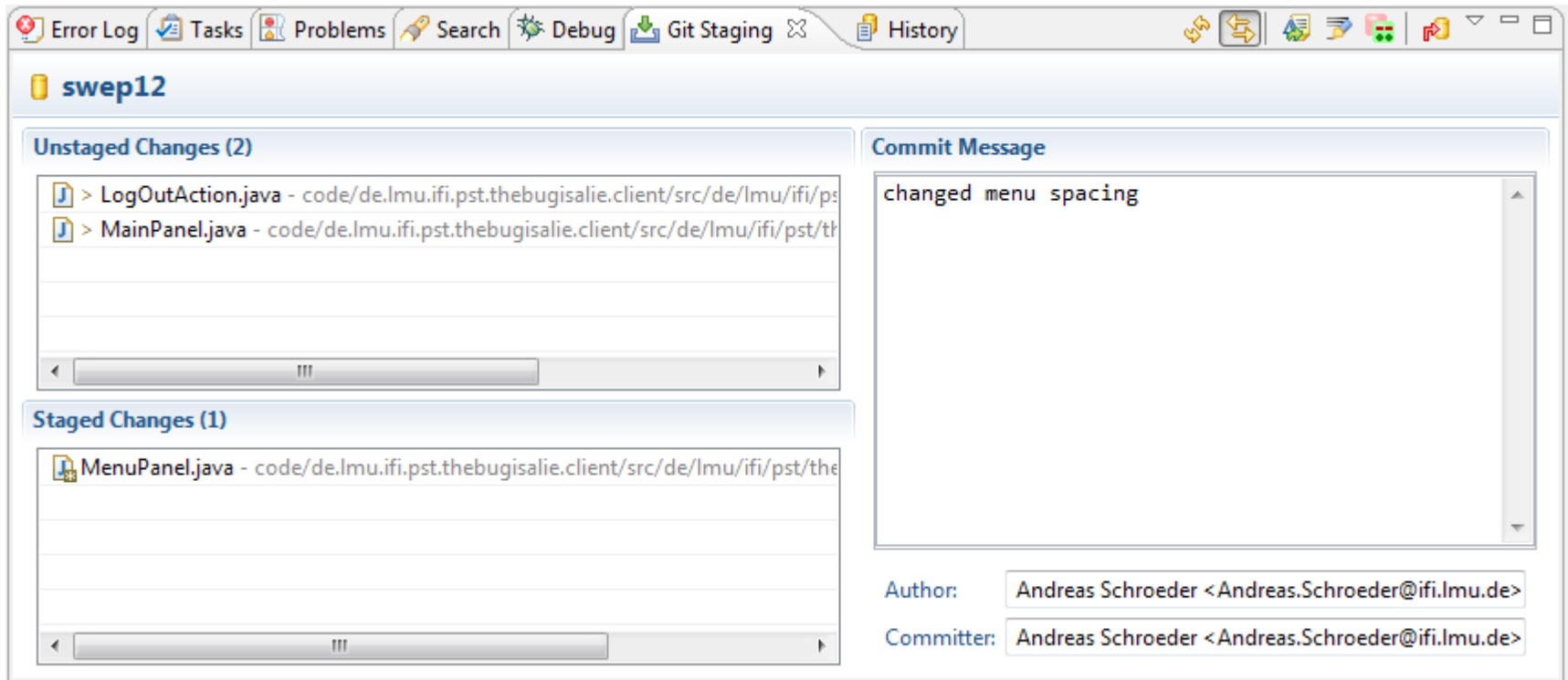


- § Works **without connectivity**
- § Can branch and merge against **local VCS**
- § Needs **synchronization** among multiple VCS

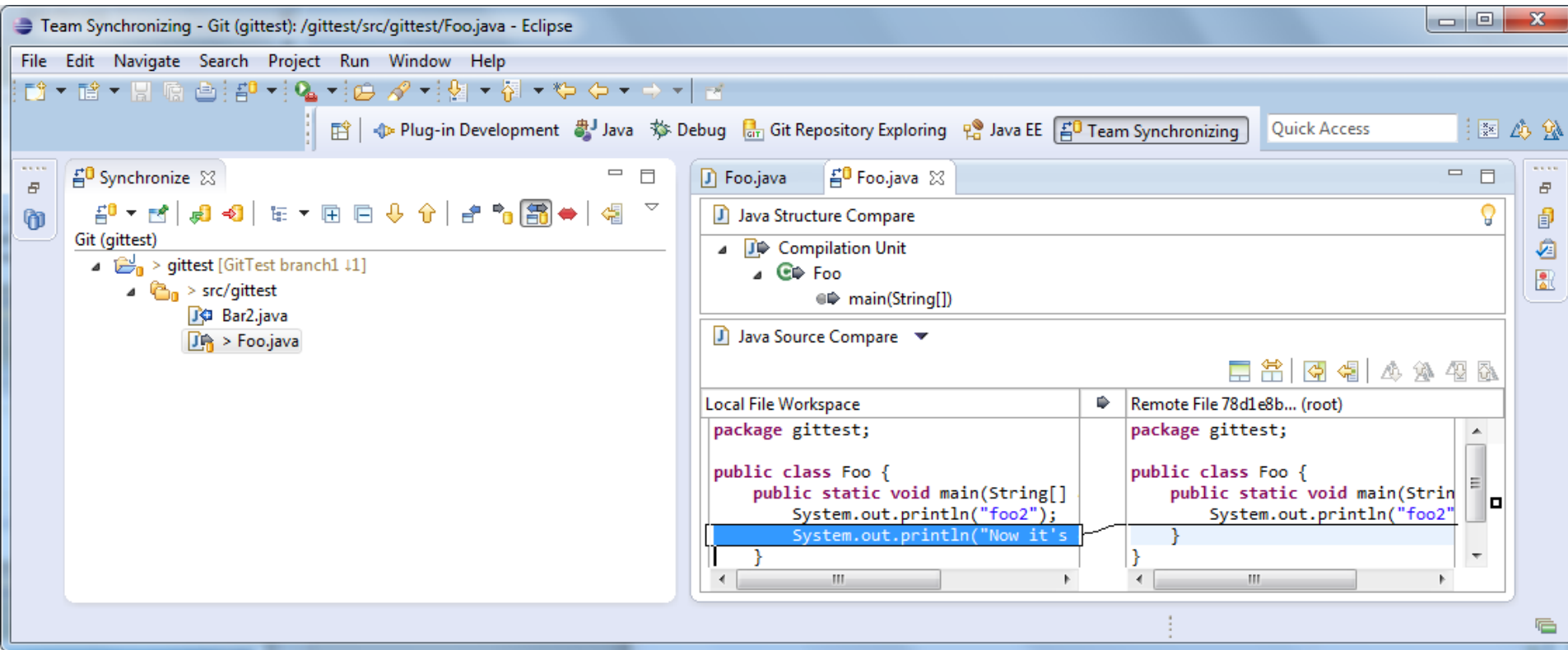


- Git allows to select changes for commit
- “Staging area” lies between working area and local branches

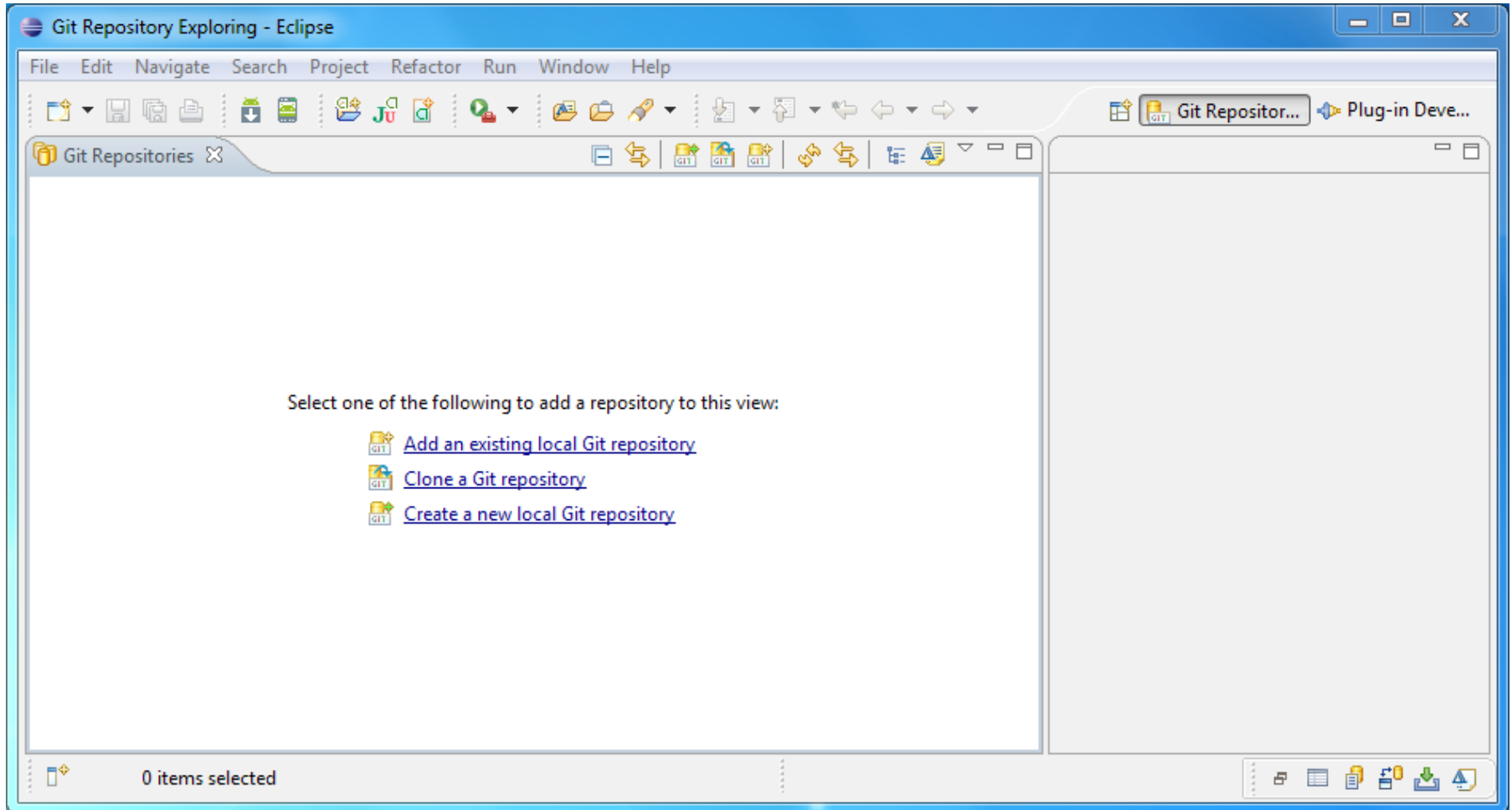




- Helpful tool for creating commits
- Faster than Menu > Team > Add



- Menu Team Synchronize Workspace (or change to Team Synchronizing perspective)





Clone Git Repository

Source Git Repository

Enter the location of the source repository.

Location

URI:

Host:

Repository path:

Connection

Protocol: ▼

Port:

Authentication

User:

Password:

Store in Secure Store

Clone Git Repository

Branch Selection

Select branches to clone from remote repository. Remote tracking branches will be created to track updates for these branches in the

Branches of `http://svn.pst.ifi.lmu.de/git/swep13`:

master



The screenshot shows the Eclipse IDE's 'Git Repository Exploring' view. The left pane displays the repository structure for 'swep12 [master] - C:\code\git\swep12\.git'. Under 'Local' branches, 'master' is selected. The right pane shows the commit history for the repository, with a message for a merge operation:

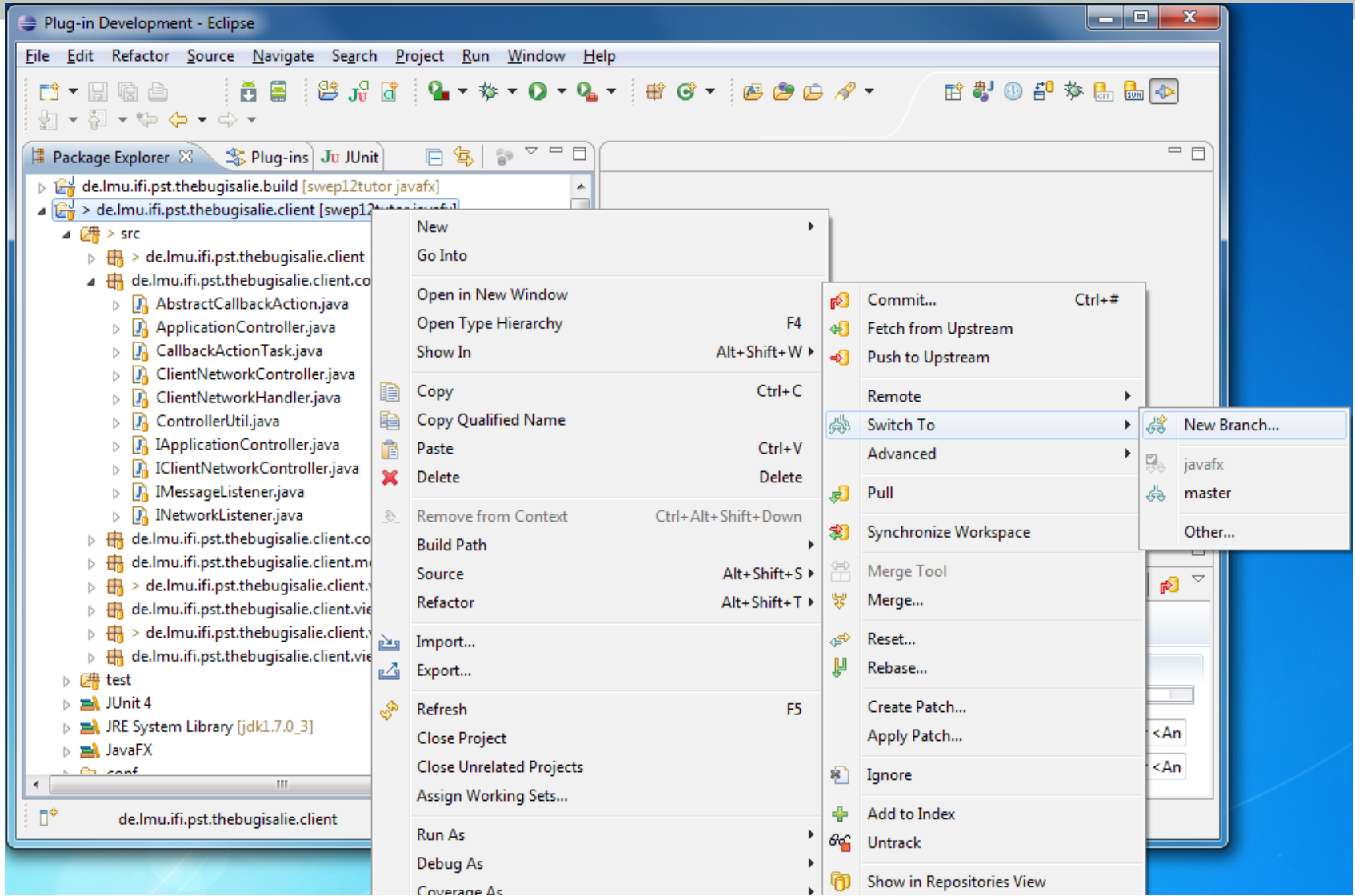
```

Merge branch 'master' of http://svn.pst.ifi.lmu.de/git/swep12
refactor-tests FETCH_HEAD ACCEPTED - #1: Cleanup Unit Tests
shortened logger name output
Merge branch 'master' into refactor-tests
refactored some of the tests: callback action task, client properties, application controller.
Merged branch logging
removed any log4j comments or method names
logback for integration project
renamed InitLogger to LoggerUtils
fixed newInstance of network controllers.
gitignore for server project updated
logback for server project
logback for shared project
  
```



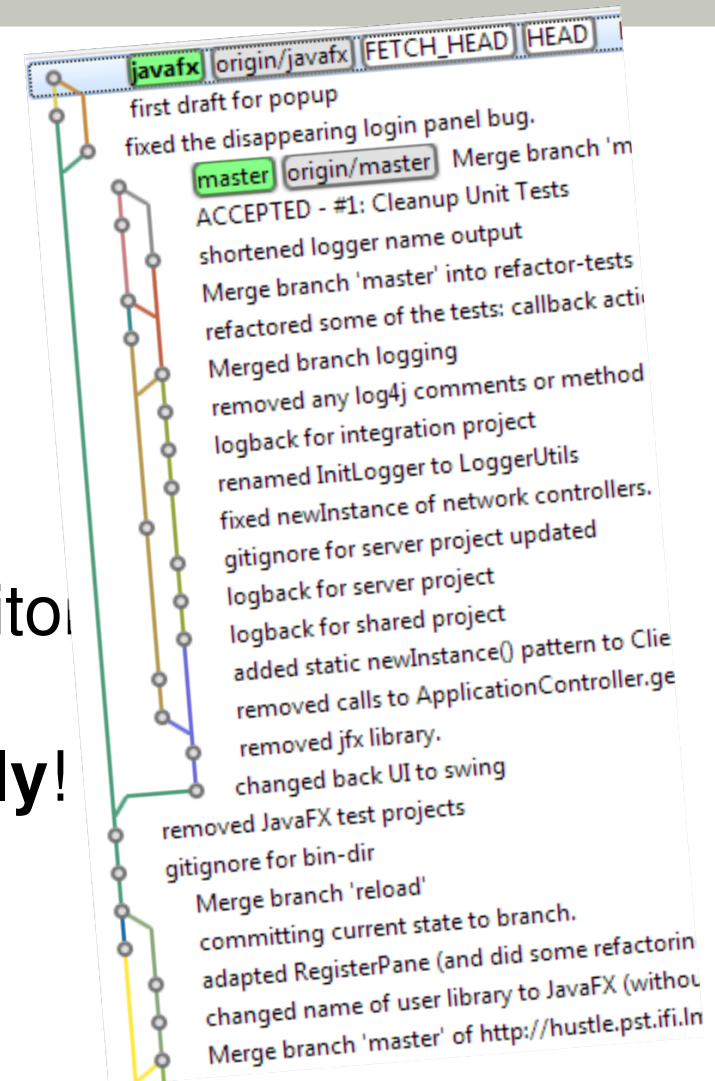

The screenshot shows the Eclipse IDE interface with the 'Import Projects' wizard open. The wizard is titled 'Import Projects from Git Repository C:\code\git\s...' and is currently on the 'Select a wizard to use for importing projects' step. The wizard offers three options: 'Import existing projects' (selected), 'Use the New Project wizard', and 'Import as general project'. Below these options, a tree view shows the 'Working Directory - C:\code\git\sweep12tutor' with a 'code' subdirectory selected. The 'code' directory contains several subdirectories: 'de.lmu.ifi.pst.thebugisalie.build', 'de.lmu.ifi.pst.thebugisalie.client', 'de.lmu.ifi.pst.thebugisalie.server', 'de.lmu.ifi.pst.thebugisalie.shared', and 'de.lmu.ifi.pst.thebugisalie.test.integration'. The wizard has 'Back', 'Next >', 'Finish', and 'Cancel' buttons at the bottom.

The next step of the wizard, 'Import Projects', is also visible. It has the title 'Import Projects' and the subtitle 'Import projects from a Git repository'. It features a search box for filtering projects, 'Select All', and 'Deselect All' buttons. A list of projects is shown, all of which are checked: 'de.lmu.ifi.pst.thebugisalie.build (C:\code\...)', 'de.lmu.ifi.pst.thebugisalie.client (C:\code\...)', 'de.lmu.ifi.pst.thebugisalie.server (C:\code\...)', 'de.lmu.ifi.pst.thebugisalie.shared (C:\code\...)', and 'de.lmu.ifi.pst.thebugisalie.test.integration'. Below the list, there is a section for 'Working sets' with a checkbox for 'Add project to working sets' and a 'Working sets:' dropdown menu with a 'Select...' button. The wizard also has 'Back', 'Next >', 'Finish', and 'Cancel' buttons at the bottom.

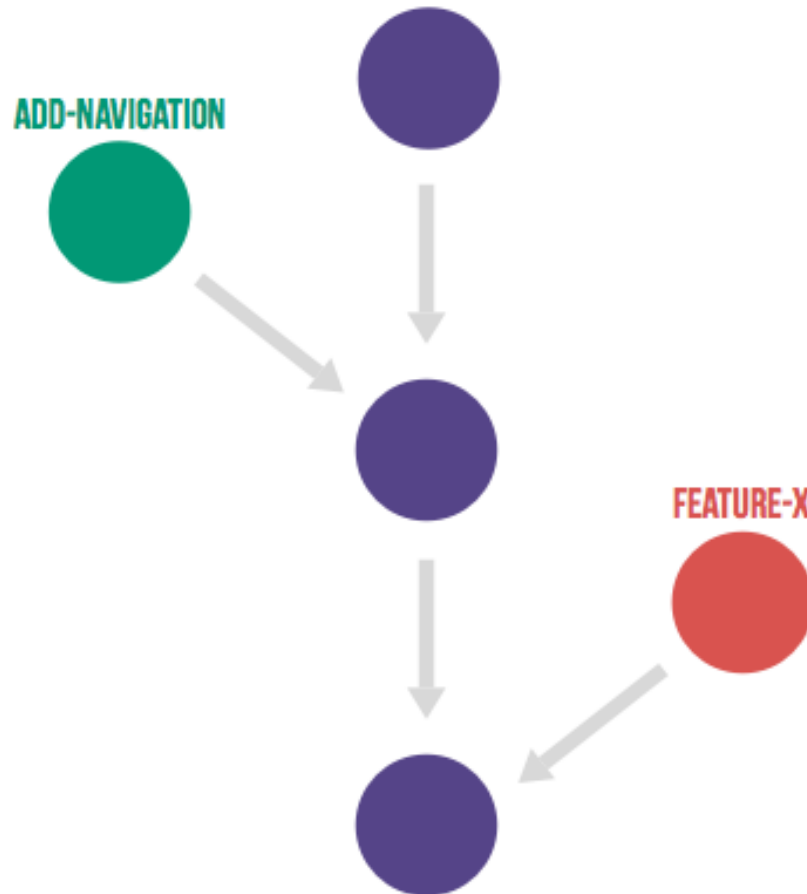


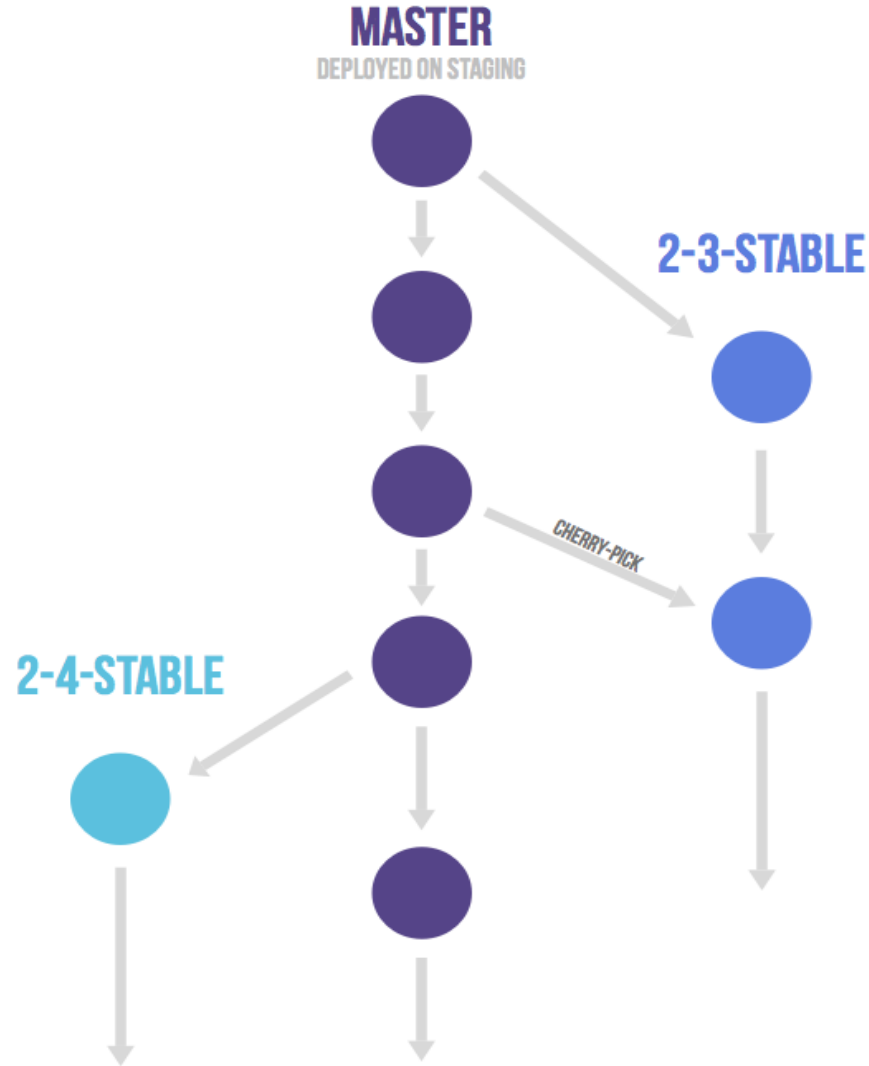


- When working on a user story
 - Create a **branch** for your story (= feature branch)
 - Work on the branch
 - **Merge** the branch into master
- Don't disconnect from the repository (= team): fetch & merge master changes to your branch **regularly!**
- Read the Git **tutorials**



MASTER







- What does the following history tell you?

```
ea42b79 There were some bugs in the code!!!! Didn't know  
2db0f12 fixed two build-breaking issues: the ant task co  
147709f Tweaks to some files  
22b25e0  
7f96f57 polishing  
59a2ed6 update
```

- And the following?

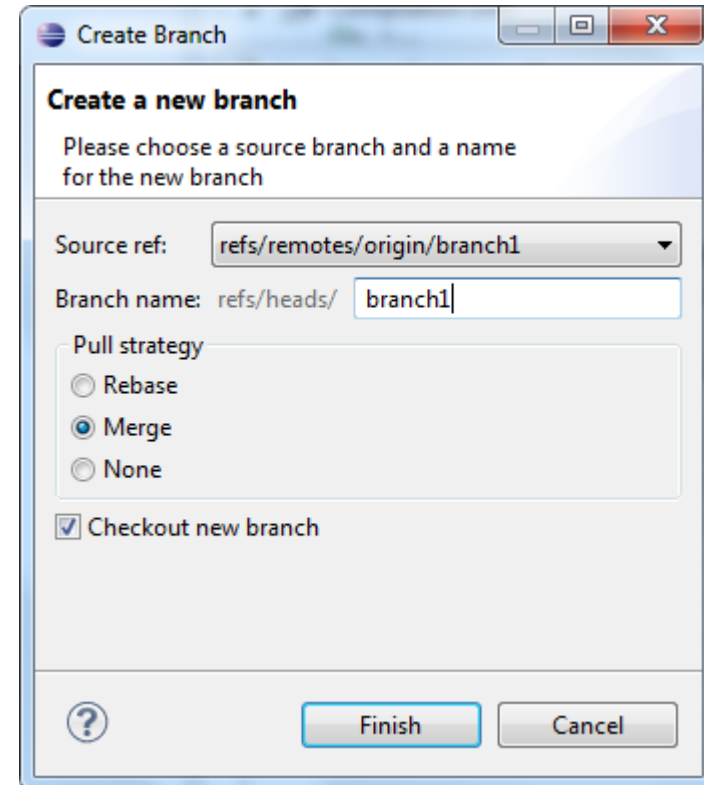
```
5ba3db6 Fix failing CompositePropertySourceTests  
84564a0 Rework @PropertySource early parsing logic  
e142fd1 Add tests for ImportSelector meta-data  
887815f Update docbook dependency and generate epub  
ac8326d Polish mockito usage
```



- Good commit messages are important
 - Separate subject from body with a blank line
 - Limit the subject line to 50 characters
 - Capitalize the subject line
 - Do not end the subject line with a period
 - Use the imperative mood in the subject line
 - Wrap the body at 72 characters
 - Use the body to explain *what* and *why* vs. *How*
- See <http://chris.beams.io/posts/git-commit/> for more

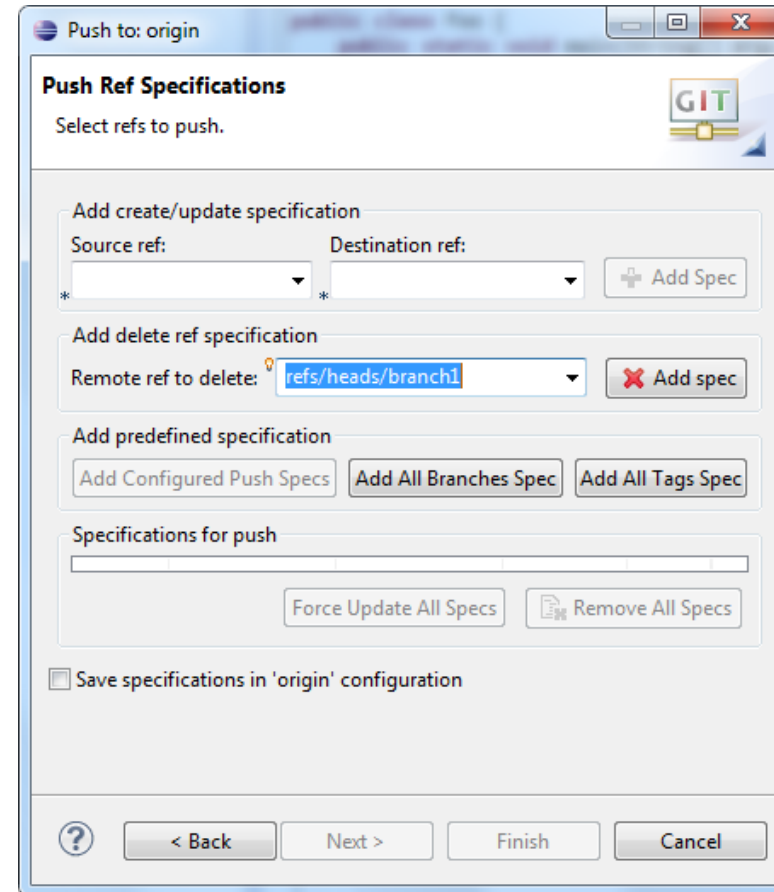


- Instead of checking out a remote branch directly, it's better to create a local branch that **tracks** the remote branch.
- After that, you can pull and push directly to/from the original remote branch.
- If you push a branch that you created locally, the local branch starts tracking the remote copy.



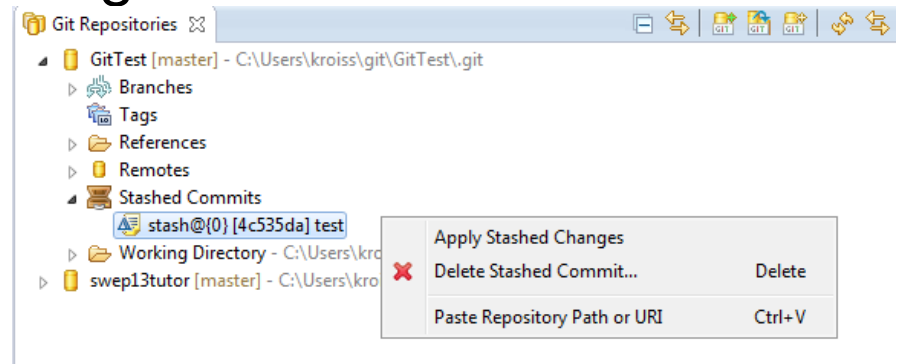


- Deleting the remote reference doesn't do anything on the server.
- To remove a remote branch you have to push "nothing" to the branch:
`git push origin --delete branch`
or with the push dialog in eGit (see picture).
- **Deleting remote branches is most fun when others are tracking it J**





- Git allows to switch between branches at any time
 - eGit: Menu Team Switch To
- If you have uncommitted changes, you have to either commit them first or **stash your changes**
 - eGit: Menu in Git Repository View Stash Changes
 - Those changes get “stored” and you can switch branches
 - You can restore stashed changes in the Git Repository View





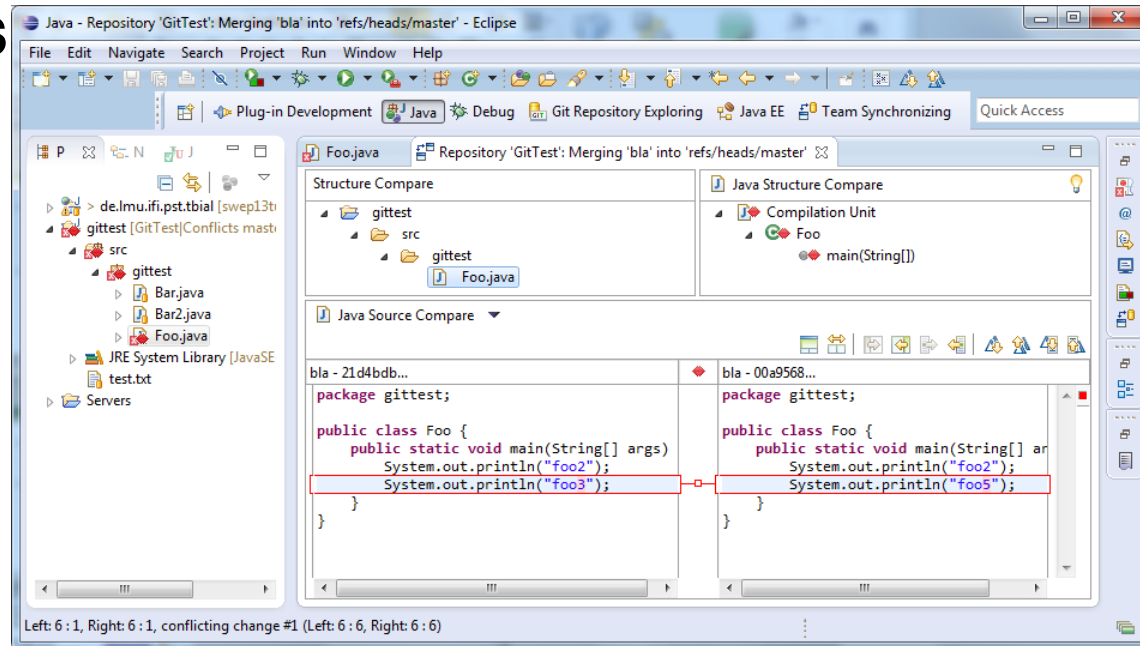
- Merging branches may lead to conflicts. When this happens you end up in a "merging-state" where you have to resolve the conflicts.

- **Resolve conflicts**

- Menu Team Merge Tool
- Or/and edit manually

- **Then:**

- Add to index
- Commit





- Undoing changes:
 - Use Menu Replace (HEAD|Commit|...) to replace files/folders with previous versions from the repository
- If you're used to SVN: **don't forget to push**
 - Commit only writes to your local repository. Use "commit and push" in Commit dialog or push explicitly.
- Resolving conflicts without editing (e.g. for binary files)
 - `git checkout --ours <path>`
 - `git checkout --theirs <path>`



- Use own repository (e.g. GitHub/GitLab) to experiment!
- Install full Git distribution (www.git-scm.com) and (optionally) GUI like TortoiseGit, etc.
- Have a look at the git command line



Merging a user story into master means **integration**

- Conflicts must be carefully **resolved**
- The whole codebase must **compile**
- All tests must **pass**:
unit tests, integration tests, system tests

**Integrate early and opportunistically,
It will not get easier if you wait!**



The screenshot shows a web browser displaying the GitLab project page for 'GitLab.org / GitLab Community Edition'. The browser's address bar shows the URL 'https://gitlab.com/gitlab-org/gitlab-ce'. The page features a dark sidebar on the left with navigation options like 'Project', 'Activity', 'Files', 'Commits', 'Builds', 'Graphs', 'Milestones', 'Issues' (1,924), 'Merge Requests' (123), 'Labels', and 'Snippets'. The main content area includes the GitLab logo, the project name, a search bar, and a 'Public' filter. Below this, there's a description: 'Version Control on your Server. See http://gitlab.org/gitlab-ce/ and the README for more information'. It also shows '1186 Stars' and '886 Forks'. A code block contains the SSH URL 'git@gitlab.com:gitlab-org/gitlab-ce.git'. A commit history section shows a recent commit 'skipped a382ad99 Update CHANGELOG · about 7 hours ago by Robert Speicher'. At the bottom, there are sections for 'GitLab' with build status (skipped, passed, code climate 3.2), 'Canonical source', and 'Open source software to collaborate on code'.



GitLab.org / GitLab Community Edition · Milestones

Open Closed All

Milestone allows you to group issues and set due date for it

Milestone	Issues	Merge Requests	Expires	Completion
8.7	17	0	Apr 22, 2016	0% complete
8.6	43	0	Mar 22, 2016	4% complete
9.0	7	2		0% complete
8.5	113	11	Feb 22, 2016	13% complete
8.4	158	180	Jan 22, 2016	64% complete
8.3	99	173	Dec 22, 2015 (Expired)	97% complete



8.4 · Milestones · GitLab.org

https://gitlab.com/gitlab-org/gitlab-ce/milestones/19

GitLab.org / GitLab Community Edition · Milestones

Open Milestone #19 · expires on Jan 22, 2016

8.4

Progress: 218 closed – 120 open 64% complete expires on Jan 22, 2016

Issues 158 Merge Requests 180 Participants 17

All issues in this milestone. Total weight of issues 86

[+ New Issue](#) [Browse Issues](#)

Unstarted Issues (open and unassigned)	Ongoing Issues (open and assigned)	Completed Issues (closed)
#11547 500 error if I search in merge requests	#10852 Undocumented features for 8.4	#10849 Browse Issues Incorrect Positioning in Firefox On Commit Page
#7960 Numbered list rendering in comments cuts off	#10421 Refactor documentation API	#10242 Improve usability and user experience in build artifacts browser
#6062 No Grey Background colour under issue/merge request/milestone/... description section	#10243 Gravatar host is displayed CGI-escaped when not customized	#8109 Deleting a note after editing another results in a Javascript error
#5915 Performance issues with > 1000 projects in a group	#9091 Add detailed documentation on award emojis	#8102 Commit list UI regression
#5618 Limit jquery-ui and bootstrap requirements	#7966 Document new file find feature	#8064 Award emoji window cannot be closed unless an emoji is chosen
	#7961 8.4 Regressions	



Issues · GitLab.org / GitLa... X +

https://gitlab.com/gitlab-org/gitlab-ce/issues

GitLab.org / GitLab Community Edition · Issues

Search in this project

Open 1,924 Closed 2,896 All 4,820

Filter by title or description + New Issue

Author Assignee Milestone Label Weight sort: Last created

- Sidekick crashes after upgrading to 8.3.4**
#11896 · opened about an hour ago by Nathan Neulinger updated about an hour ago
- Gitlab CI access from public IP**
#11876 · opened about an hour ago by yovhi member updated about an hour ago
- Add U2F support**
#11875 · opened about 2 hours ago by lenovouser updated about 2 hours ago
- dropdowns arrows and border radius**
#11874 · opened about 4 hours ago by Andrey 8.5 Frontend updated about 4 hours ago
- List element colors and paddings**
#11873 · opened about 4 hours ago by Andrey 8.5 Frontend updated about 4 hours ago
- project page public/private icon position**
#11872 · opened about 4 hours ago by Andrey 8.5 Frontend updated about 4 hours ago
- Filter implementation**
#11871 · opened about 4 hours ago by Andrey 8.5 Frontend updated about 4 hours ago
- Top search colors and element position is not like in design**
#11870 · opened about 4 hours ago by Andrey 8.5 Frontend updated about 4 hours ago

Go to group

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- Graphs
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- Issues 1,924**
- Merge Requests 123
- Labels
- Snippets

mhoelzl



Decide which metadata fi... x +
https://gitlab.com/gitlab-org/gitlab-ce/issues/10982
Search

Go to group

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GitLab.org / GitLab Community Edition · Issues

Search in this project

Open
Issue #10982 · opened by Grzegorz Bizon · about 15 hours ago
+ New Issue

Decide which metadata fields are useful to display in build artifacts browser

At this moment we display **Size** (real size after download) of artifact and **Compressed to** (storage size). Other fields we can display:

- modification time
- UNIX permissions mode
- CRC of a file
- comment (not supported by runner yet)

Which of those fields may be useful for users?

[!2477 \(comment 3287864\)](#) indicates that **Compressed to** may be useless, so we should remove this column from artifacts browser.

cc [@DouweM](#) [@ayufan](#)

1 Related Merge Request

✓ [!2477](#) **Improve UX in build artifacts browser** MERGED

0
 0

	<p>Douwe Maan @DouweM · about 15 hours ago</p> <p>I don't think we need to show anything except for filename and size.</p>	<div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">Master</div>	Assignee
			None
	<p>Grzegorz Bizon @grzesiek · about 15 hours ago</p> <p>@DouweM Okay :). Do we need this simple change in 8.4?</p>	<div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">Master</div>	Milestone
			🕒 8.5
	<p>Kamil Trzcinski @ayufan · about 15 hours ago</p>	<div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">Master</div>	Labels



Decide which metadata fi... x +
https://gitlab.com/gitlab-org/gitlab-ce/issues/10982

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GitLab.org / GitLab Community Edition · Issues

Douwe Maan @DouweM · about 15 hours ago

Master

I don't think we need to show anything except for filename and size.

Grzegorz Bizon @grzesiek · about 15 hours ago

Master

@DouweM Okay :). Do we need this simple change in 8.4?

Kamil Trzcinski @ayufan · about 15 hours ago

Master

I agree with @DouweM

Kamil Trzcinski @ayufan · about 15 hours ago

Master

I think about something different. Maybe it would be nice to have on right side the ability to browse the content of files. You click the image. You see the preview on right side. You can do it without the need of downloading the file.

I can think of that some people will start using artifacts to upload logs, copybara generated pages (.png) or other files that allows to ease the debugging.

It's currently not possible, because artifacts are sent only on success, but it maybe useful in the future.

Grzegorz Bizon @grzesiek · about 15 hours ago

Master

@ayufan Yes, I agree this may be a useful feature. It would be then possible to embed pictures into READMEs etc. And this is relatively easy to introduce.

Douwe Maan @DouweM · about 14 hours ago

Master

Can we display the content on a page like the git blob view (which already does text/images/etc), with a download button on *that* page?

Grzegorz Bizon @grzesiek · about 14 hours ago

Master

Assignee

None

Milestone

8.5

Labels

gitlab ci

Weight

2

3 participants

Notifications

Subscribe

You're not receiving notifications from this thread.

15.05.2017

Matthias Dangl



Issues · GitLab.org / GitLa... × Improve usability and user... × +

https://gitlab.com/gitlab-org/gitlab-ce/issues/10242

GitLab

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GitLab.org / GitLab Community Edition · Issues

Search in this project

Closed Issue #10242 · opened by Grzegorz Bizon · 3 days ago · a day ago [+ New Issue](#)

Improve usability and user experience in build artifacts browser

Current UI of build artifacts browser:

Gitlab Org / Gitlab Ci · Builds

Search in this project

[Download artifacts archive](#)

Name	Size	Download
<ul style="list-style-type: none"> <ul style="list-style-type: none"> another-subdirectory 		
doc_sample.txt	598 Bytes	Download

What needs to be done:

- Clicking on directory name is difficult as directory name can be short (like parent directory `..`). Therefore clicking on row in the table instead of directory name should be enough to move to that directory.
- Clicking on file name / file row should start a download of a file. No need for another download button in table.
- Hover on a file row can show additional download icon next to file name, to indicate that download dialog will appear instead of showing file in the browser, which is a default behavior.
- Adding **Compressed** to column may be interesting information about how much of the storage is consumed for this particular file (we already have this information in metadata). **Size** indicates how much of the storage will be consumed after a download.

/cc @jschatz1 @creamzy




The screenshot shows a web browser window displaying the GitLab website. The browser's address bar shows the URL <https://about.gitlab.com/applications/>. The page features a navigation bar with the GitLab logo, links for Download, Features, Pricing, Community, and Blog, and a Sign In button. The main content area is titled "Scrum boards" and lists three integrations:

- Taiga.io**: Free. Open Source. Powerful. Taiga is a project management platform for startups and agile developers and designers who want a simple, beautiful tool that makes work truly enjoyable. [Taiga.io](#)
- Kanboard**: A free, open source and self-hosted visual task board software. GitLab events can be connected to Kanboard's automatic actions through [GitLab webhooks](#) and [GitLab authentication](#). [kanboard.net](#)
- GitLab Kanban**: Self hosted kanban board built from the ground up using the GitLab public API. Kanban issues are GitLab issues and the user permissions are respected. [Kanban.Leanlabs.io](#)
- Vivify Scrum**: SaaS for agile project management. [Vivify Scrum](#)



GitLab.org / GitLab Community Edition




Public




GitLab Community Edition

Version Control on your Server. See <http://gitlab.org/gitlab-ce/> and the README for more information

☆ Star 1186 🍴 Fork 886

SSH `git@gitlab.com:gitlab-org/gitlab-ce.git`   

22,929 commits 140 branches 245 tags 261.79 MB Changelog License Contribution guide

skipped a382ad99 Update CHANGELOG · about 7 hours ago by  Robert Speicher

GitLab

build skipped build passed code climate 3.2 Coverage Status

Canonical source

The source of GitLab Community Edition is [hosted on GitLab.com](#) and there are mirrors to make [contributing](#) as easy as possible.

Open source software to collaborate on code

To see how GitLab looks please see the [features page on our website](#).



Branches · GitLab.org / Git... X +

https://gitlab.com/gitlab-org/gitlab-ce/branches?page=2

Search in this project

Commit Hash	Description	Files	Commits	Actions
4d7216aa	Update CHANGELOG · 2 months ago	3120	92	+ Merge Request, Compare
8-2-stable				
1322bd78	Merge branch 'rs-issue-4032' into 'master' · about a month ago	2436	82	+ Merge Request, Compare
8-3-stable				
59166702	Version 8.3.4 · 7 days ago	1194	61	+ Merge Request, Compare
8-4-stable				
d3af84af	Update CHANGELOG · about 7 hours ago	101	36	+ Merge Request, Compare
DNSBL_docs				
5a3bea6e	First attempt on DNSBL documentation · 4 days ago	95	1	+ Merge Request, Compare
Michi302/gitlab-ce-feature/detailed-user-endpoint merged				
8393e3e0	Add missing changelog entry · 14 days ago	887	0	+ Merge Request, Compare
admin_notes_for_user				
22244ddf	Create admin notes for users · about a month ago	1772	1	+ Merge Request, Compare
api-groups				
8e746daa	Return all authorized groups in API · 10 months ago	7820	1	+ Merge Request, Compare
awardemoji-tooltip-shows-people-multiple-times				
e5cbd588	Fixes issue where other emoji (not thumbsup/thumbsdown) were not removed · about 8 hours ago	58	5	+ Merge Request, Compare

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mhoelzl



GitLab Merge Requests · GitLab.o... x +

https://gitlab.com/gitlab-org/gitlab-ce/merge_requests

GitLab

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GitLab.org / GitLab Community Edition · Merge Requests

Search in this project

Open 123 Merged 2,035 Closed 345 All 2,503

Filter by title or description

Author Assignee Milestone Label sort: Last created

Title	ID	Author	Assignee	Milestone	Label	Status	Updated
Adds "t" as a shortcut for find file anywhere	#2507	Jacob Schatz	8.4	Frontend		Open	updated about 2 hours ago
WIP: Add LICENSE type detection	#2506	Aslak Knutsen				Merged	updated about 10 hours ago
Check if MR is not broken.	#2505	Rubén Dávila Santos				Open	updated about 11 hours ago
[ci skip] Fixed minor typo in workflow documentation	#2503	John Galt				Open	updated about 12 hours ago
WIP: Recursive build artifacts metadata entries	#2500	Grzegorz Bizon	gitlab ci			Merged	updated about 14 hours ago
Add an option to supply root email through an environmental variable.	#2499	Koichiro Mikami				Open	updated about 14 hours ago
Fix diff comments loaded by AJAX to load comment with diff in discussion tab	#2497	Rémy Coutable	8.4	Frontend	bug	Merged	updated about 10 hours ago
Add option to include author name in body of notification email. fix #7824	#2495	Jason Lee	8.5			Merged	updated about 9 hours ago



Browser tabs: Merge Requests - GitLab.o... | Improve UX in build artifa... | +

Address bar: https://gitlab.com/gitlab-org/gitlab-ce/merge_requests/2477

Search: Search

GitLab logo

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- Issues 1,924
- Merge Requests 123**
- Labels
- Snippets

Profile: mhoelzl

GitLab.org / GitLab Community Edition · Merge Requests

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Merged Merge Request #2477 · opened by Grzegorz Bizon · 2 days ago · a day ago

Improve UX in build artifacts browser

This improves UX in build artifacts browser, and makes it more consistent with repository tree browser we already have.

Before:

Twitter / Typeahead.Js · Builds

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Download artifacts archive

Name	Size	Download
other_artifacts_0.1.2		
tests_encoding		
ci_artifacts.txt	27 Bytes	
rails_sample.jpg	34 KB	

After:

Twitter / Typeahead.Js · Builds

Search in this project

Download artifacts archive



Merge Requests · GitLab.o... x Improve UX in build artifa... x +

https://gitlab.com/gitlab-org/gitlab-ce/merge_requests/2477

GitLab.org / GitLab Community Edition · Merge Requests

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tests_encoding			
ci_artifacts.txt		27 Bytes	27 Bytes
rails_sample.jpg		34 KB	31 KB

It is easier to click on a file/directory entry now, because we don't need to click on a entry's basename (that can be really short, like `..` parent directory). We also show **Compressed to** size that indicates how much storage does this entry really consume.

Row for an entry is also highlighted on hover and we do not have Download button (clicking on a file row / file basename is enough to download a file).

Closes #10242

Request to merge `ux/improve-artifacts-browser` into `master`

✓ Build passed for 121866a3. View details

Merged by Grzegorz Bizon a day ago

The changes were merged into `master`. The source branch has been removed.

Discussion 13 Commits 3 Builds 17 Changes 7

👍 0 🙋 0 😊

Grzegorz Bizon @grzesiek · 2 days ago Master Assignee

@jschatz1 Please review changes in Frontend. @DouweM Please review also.

/cc @creamzy

None



Merge Requests - GitLab.o... ×
Improve UX in build artifa... ×
+

https://gitlab.com/gitlab-org/gitlab-ce/merge_requests/2477
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- Issues 1,924
- Merge Requests 123
- Labels
- Snippets

mhoezl

GitLab.org / GitLab Community Edition · Merge Requests

Search in this project

/cc @creamzy

Jacob Schatz started a discussion **on the diff** ^ Show/hide discussion

```

app/views/projects/artifacts/browse.html.haml
13 + %table.table.tree-table
15 14 %thead
16 15 %tr
17 16 %th Name
18 17 %th Size
19 - %th Download
18 + %th Compressed to
20 19 = render partial: 'tree_directory', collection: @entry.directories(parent:
true), as: :directory
21 20 = render partial: 'tree_file', collection: @entry.files, as: :file
22 21
23 22 - if @entry.empty?
24 23 .center Empty
24 +
25 +:javascript
26 + $(document).on('click', 'tr[data-link]', function(e) {
27 + window.location = this.dataset.link;
                
```

Jacob Schatz @jschatz1 · a day ago Master

@grzesiek I know it's not a lot of code but can we extract this to a js.coffee file? Maybe a browse.js.coffee file if it does not already exist? We may need to add additional js functionality later.

Grzegorz Bizon @grzesiek · a day ago Master

It is not a problem to extract this to a separate file, but I'm not sure if it justifies extending our JS dispatcher with yet another case. I think that following YAGNI and extracting this to single file when it will be needed may be better here. What do you think?

Assignee

None

Milestone

🕒 8.4

Labels

Frontend

gitlab ci

ux

5 participants

Notifications

Subscribe

You're not receiving notifications from this thread.

Reference: gitlab-org/gitlab-ce!...

15.05.2017

Matthias Dangl



Browser tabs: Merge Requests · GitLab.o... | Improve UX in build artifa... | +

Address bar: https://gitlab.com/gitlab-org/gitlab-ce/merge_requests/2477/diffs#4399adc16904efc205f5d94b9d3b4

Page Title: GitLab.org / GitLab Community Edition · Merge Requests

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Request to merge `ux/improve-artifacts-browser` into `master`

✓ Build passed for 121866a3. View details

Merged by Grzegorz Bizon a day ago
The changes were merged into `master`. The source branch has been removed.

Discussion 13 | Commits 3 | Builds 17 | **Changes 7**

Showing 7 changed files with 29 additions and 22 deletions

Inline | Side-by-side

CHANGELOG

...	...	@@ -62,10 +62,11 @@ v 8.4.0 (unreleased)
62	62	- Add reporters ability to download and browse build artifacts (Andrew Johnson)
63	63	- Autofill referring url in message box when reporting user abuse. (Josh Frye)
64	64	- Remove leading comma on award emoji when the user is the first to award the emoji (Zeger-Jan van de Weg)
	65	+ - Add build artifacts browser
	66	+ - Improve UX in builds artifacts browser
65	67	
66	68	v 8.3.4
67	69	- Use gitlab-workhorse 0.5.4 (fixes API routing bug)
68		- - Add build artifacts browser
69	70	
70	71	v 8.3.3
71	72	- Preserve CE behavior with JIRA integration by only calling API if URL is set
...	...	

View file @121866a



Merge Requests · GitLab.o... Improve UX in build artifa... +

https://gitlab.com/gitlab-org/gitlab-ce/merge_requests/2477/diffs#4399adc16904efc205f5d94b9d3b4
Search

GitLab

GitLab.org / GitLab Community Edition · Merge Requests

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+
↻

19	-	%th Download
18	+	%th Compressed to
20		= render partial: 'tree_directory', collection: @entry.directories(parent: true), as: :directory
21		= render partial: 'tree_file', collection: @entry.files, as: :file
22		
23		- if @entry.empty?
24		.center Empty
24		+
25		+:javascript
26		+ \$(document).on('click', 'tr[data-link]', function(e) {
27		+ window.location = this.dataset.link;

Jacob Schatz @jschatz1 · 2016-01-18 16:11:10 UTC Master

@grzesiek I know it's not a lot of code but can we extract this to a js.coffee file? Maybe a browse.js.coffee file if it does not already exist? We may need to add additional js functionality later.

Grzegorz Bizon @grzesiek · 2016-01-18 18:13:15 UTC Master

It is not a problem to extract this to a separate file, but I'm not sure if it justifies extending our JS dispatcher with yet another case. I think that following **YAGNI** and extracting this to single file when it will be needed may be better here. What do you think?

Jacob Schatz @jschatz1 · 2016-01-18 18:21:07 UTC · 📄 2016-01-18 18:21:40 UTC Master

@grzesiek since it is just a link click I guess we can leave it for now. Make sure the tr has a **hand cursor** in css too so it looks clickable.

Grzegorz Bizon @grzesiek · 2016-01-18 18:31:48 UTC · 📄 2016-01-18 18:31:59 UTC Master

@jschatz1 It already does (as you can see on screenshot), as it reuses **tree** classes that has this already implemented!

Grzegorz Bizon @grzesiek · 2016-01-18 18:34:39 UTC · 📄 2016-01-18 18:35:56 UTC Master

@jschatz1 Ah, you mean **cursor: hand**. Maybe we should add it to <https://gitlab.com/gitlab-org/gitlab-ce/blob/master/app/assets/stylesheets/pages/tree.scss#L28> ? But maybe it is now safe to use only **cursor: pointer** ?

Jacob Schatz @jschatz1 · 2016-01-18 18:39:29 UTC Master

@grzesiek You are right. Didn't see it. I am good to go here.

Go to group

Project

Activity

Files

Commits

Builds 0

Graphs

Milestones

Issues 1,924

Merge Requests 123

Labels

Snippets

mhoelzl

15.05.2017

Matthias Dangl



Summary



- Eclipse
 - The IDE for our project
- Git
 - Distributed version control system
 - Built-in branching facilities

The Eclipse logo consists of a blue sphere with a white ring around its center, and the word "eclipse" written in white lowercase letters across the middle of the sphere.

eclipse



Technology Background

Development environment, Skeleton and Libraries

Slides by Prof. Dr. Matthias Hözl
(based on material from Dr. Andreas Schröder)



Lecture 1

I. Eclipse

II. Git

Lecture 2

IV. Skeleton Overview

V. Libraries Overview

VI. Game Rules and Coding Task



Part I. Eclipse



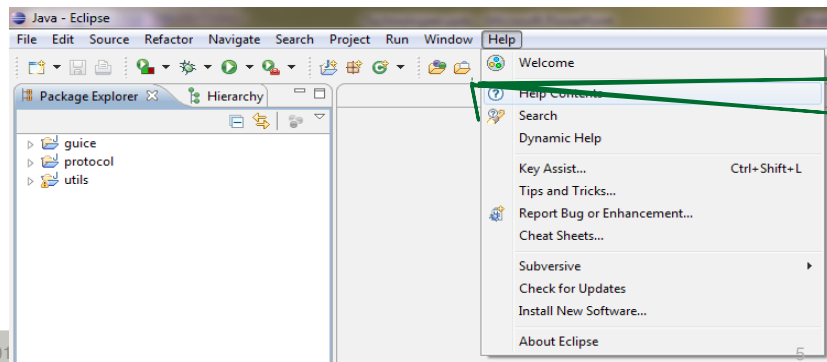
Learning Target

- Recognize the power of Eclipse
- Identify what you did not know yet
- Know where to find tutorials and help
- Being able to set up the Eclipse IDE for the lab

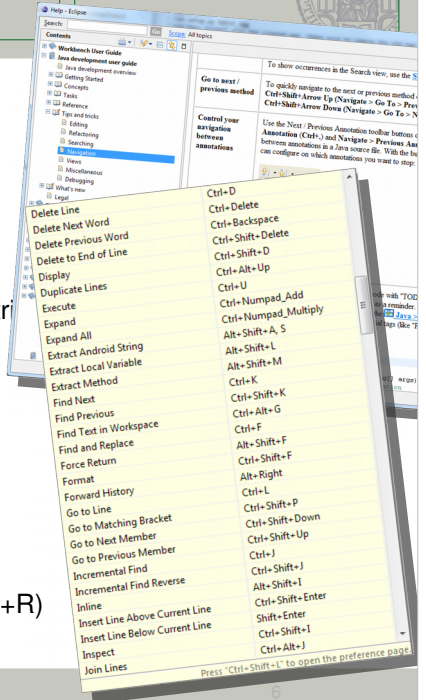


Eclipse is far more than a Java editor

- Code navigation and exploration
- Refactoring
- Background compilation
- Customizable build system
- Extensible: Git, JUnit, Code Coverage, Web development tools, ...



- Recommended **reads**
 - Workbench user guide > Tips and tricks
 - Java development user guide > Tips and tricks
- Recommended **shortcuts**
 - Quick Fix (Ctrl+1), Quick Access (Ctrl+3)
 - Open Type / resource (Ctrl+Shift+T / Ctrl+Shift+R)
 - Open declaration / Javadoc (F3 / F2)
 - Quick type hierarchy (Ctrl+T)
 - Quick outline (Ctrl+O)
 - Refactor / Rename (Alt+Shift+T / Alt+Shift+R)
 - ... Key bindings overview (Ctrl+Shift+L) J





To setup your Eclipse, you need to:

1. Download and install eclipse
2. Setup basics: code styles, save actions, file encoding,
...
3. Setup Tomcat
4. Setup Git
5. Setup DB
6. Setup Launch configurations
7. Install other plugins/extensions as needed (e.g., EclEmma)



Part II. Git



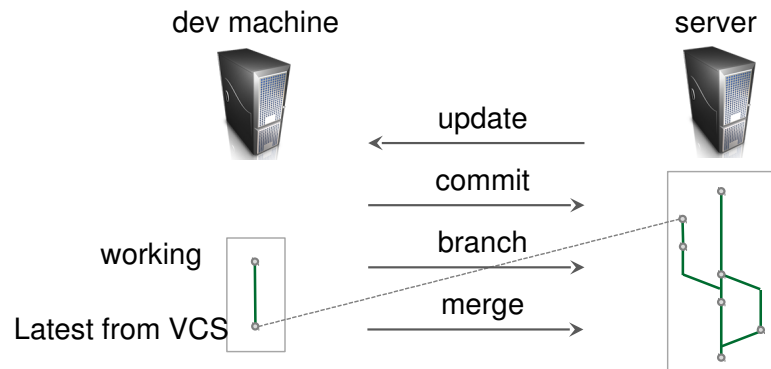
- Git is a modern **distributed** version control system (VCS)
- Initial release **2005** by Linus Torwalds
- Widely adopted in open source communities: Linux Kernel, Ruby on Rails, Android, Debian, ...
- Can best be learned if you **forget everything you know** about how (centralized) version control works!



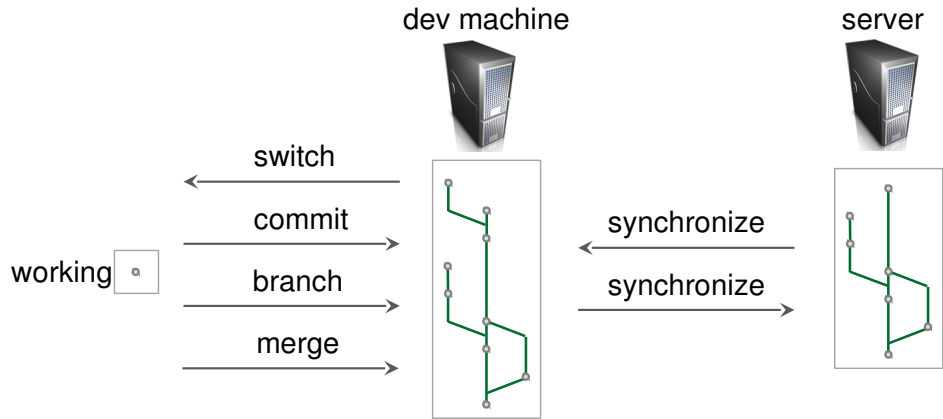
- **Repository** – a database containing files under version control and the history of these files.
- **Working Copy** – a local copy of files from the repository. May be modified, and may not represent the most recent repository revision.
- **Revision** – the state of a file (CVS), of a branch (Git), or of the whole repository (SVN) as committed to the version control system.
- **Change Set** – a set of modifications to files under version control.
- **Commit** – the act of writing a change set from the working copy to the repository.
- **Update** – the act of fetching changes that have been performed on the repository since the last update and applying them to the working copy.



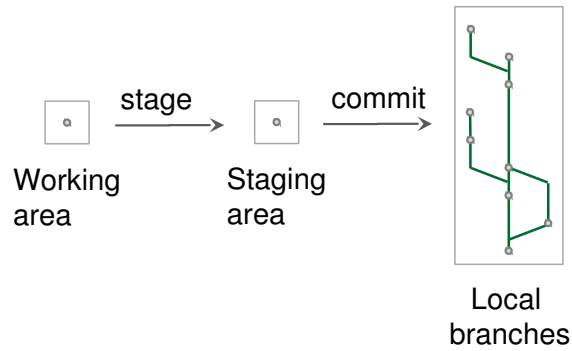
- **Branch** — a set of files under version control that evolve independently of other file sets. Often defines an own line of development of a product.
- **Tag** — a human-readable link to a specific revision. Is often used to mark the source code of released versions (e.g. tag v_2_0_3).
- **Trunk/Master** — the branch denoting the main line of development of a product.
- **Merge** — the act of reconciling change sets from parallel branches.
- **Switch** — the act of changing the working copy from a branch to another.
- **Conflict** — occurs when a file was changed concurrently, and the VCS cannot reconcile the changes automatically. Conflicts must be **resolved** manually.



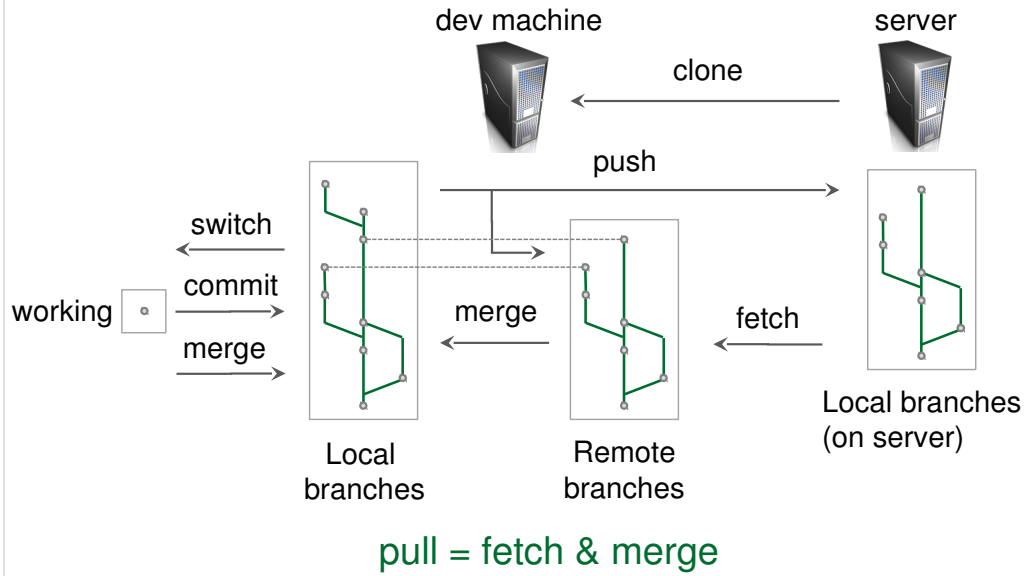
- § Cannot work **without connectivity**
- § Needs **server** to branch and merge
- § Cannot save experimental features **locally**

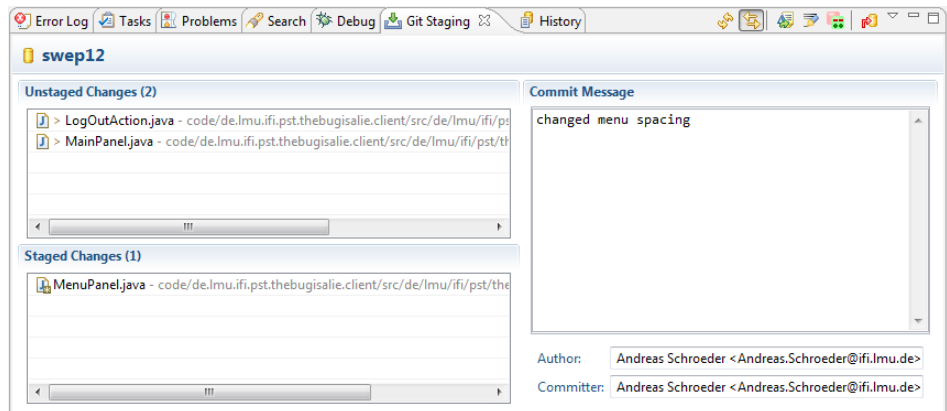


- § Works **without connectivity**
- § Can branch and merge against **local VCS**
- § Needs **synchronization** among multiple VCS

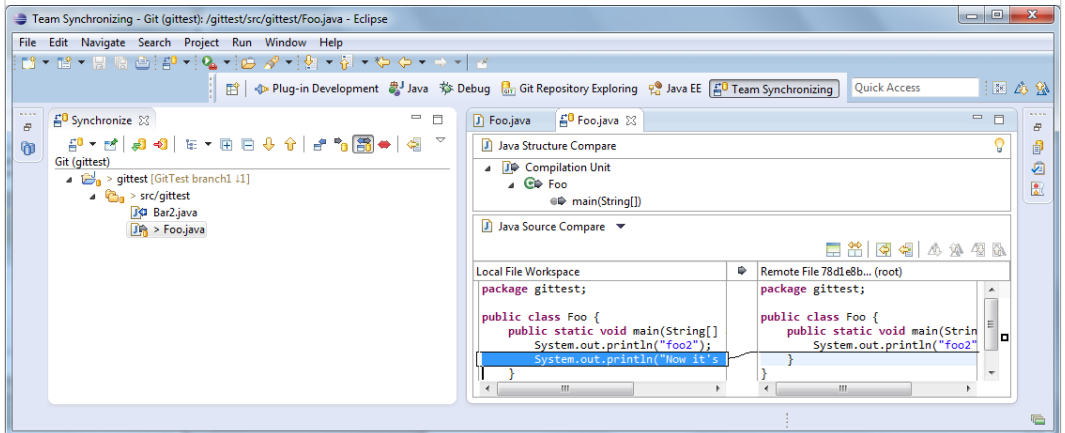


- Git allows to select changes for commit
- “Staging area” lies between working area and local branches

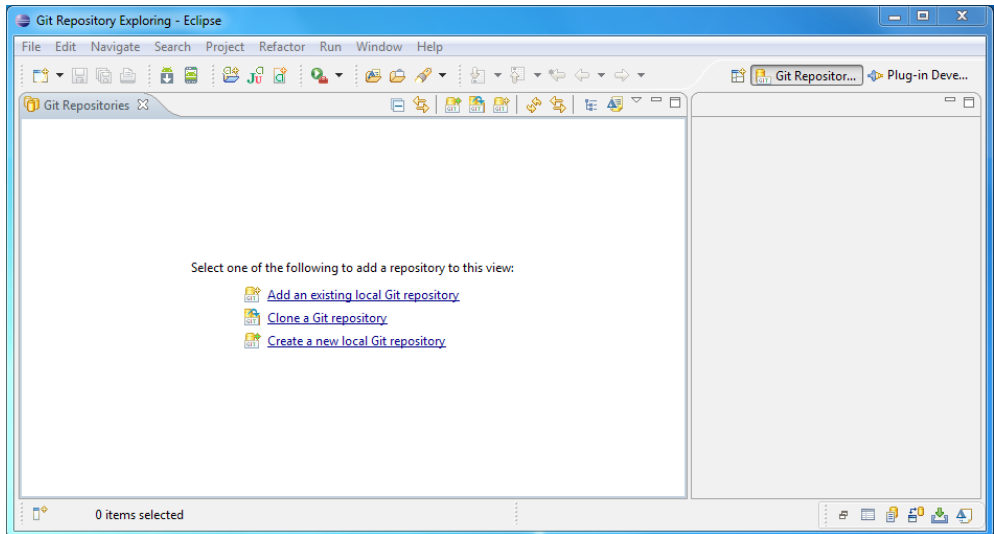




- Helpful tool for creating commits
- Faster than Menu > Team > Add



- Menu Team Synchronize Workspace (or change to Team Synchronizing perspective)





Clone Git Repository

Enter the location of the source repository.

Location

URI:

Host:

Repository path:

Connection

Protocol:

Port:

Authentication

User:

Password:

Store in Secure Store

Clone Git Repository

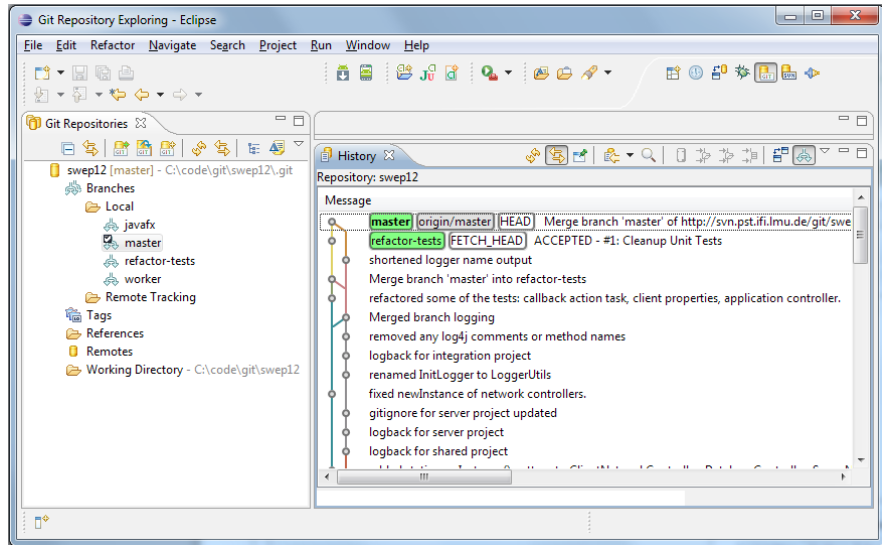
Branch Selection

Select branches to clone from remote repository. Remote tracking branches will be created to track updates for these branches in the

Branches of http://svn.pst.fyi.lmu.de/git/swep13:

type filter text

master

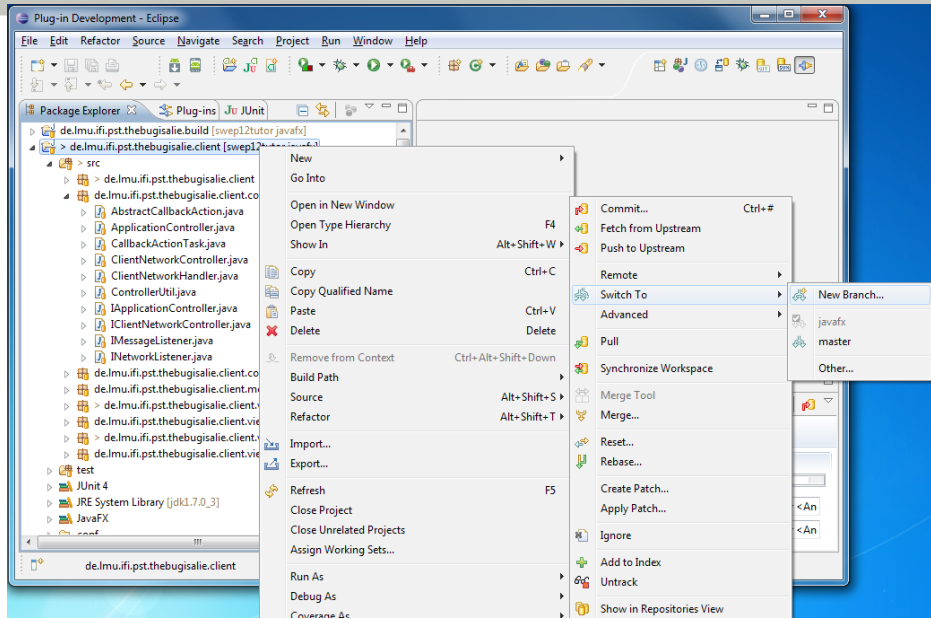




The screenshot shows the Eclipse IDE interface with the 'Git Repositories' view on the left. A context menu is open over the 'code' folder, with 'Import Projects...' selected. Two wizard windows are overlaid on the IDE:

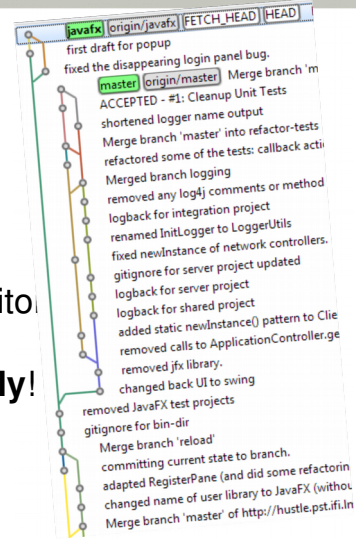
- Import Projects from Git Repository C:\code\git\s...** (Title bar):
 - Select a wizard to use for importing projects**
 - Depending on the wizard, you may select a directory to determine the wizard's scope.
 - Wizard for project import:
 - Import existing projects
 - Use the New Project wizard
 - Import as general project
 - Working Directory - C:\code\git\sweep12tutor:
 - .git
 - code
 - de.lmu.fi.pst.thebugisalie.build
 - de.lmu.fi.pst.thebugisalie.client
 - de.lmu.fi.pst.thebugisalie.server
 - de.lmu.fi.pst.thebugisalie.shared
 - de.lmu.fi.pst.thebugisalie.test.integration

- Import Projects** (Title bar):
- Import projects from a Git repository
- Projects:
 - type filter text to filter unselected projects
 - Select All
 - Deselect All
 - de.lmu.fi.pst.thebugisalie.build (C:\code\)
 - de.lmu.fi.pst.thebugisalie.client (C:\code\)
 - de.lmu.fi.pst.thebugisalie.server (C:\code\)
 - de.lmu.fi.pst.thebugisalie.shared (C:\code\)
 - de.lmu.fi.pst.thebugisalie.test.integration
- Working sets:
 - Add project to working sets
 - Working sets: [dropdown] Select...





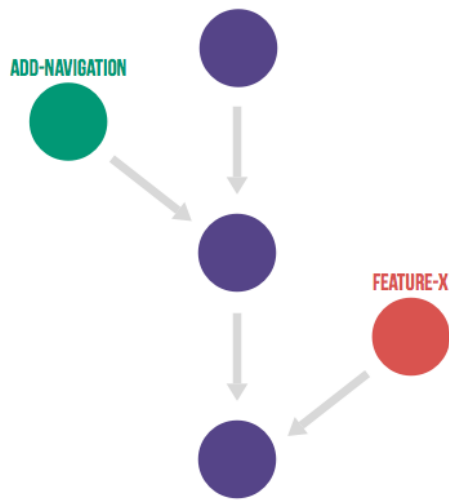
- When working on a user story
 - Create a **branch** for your story (= feature branch)
 - Work on the branch
 - **Merge** the branch into master
- Don't disconnect from the repository (= team): fetch & merge master changes to your branch **regularly!**
- Read the Git **tutorials**

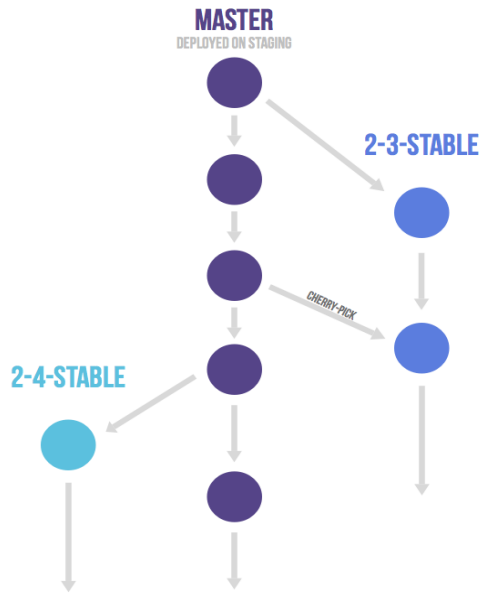


Viel Erfolg mit Git J
Und jetzt zum nächsten Thema, MyLyn



MASTER







- What does the following history tell you?
ea42b79 There were some bugs in the code!!!! Didn't know
2db0f12 fixed two build-breaking issues: the ant task co
147709f Tweaks to some files
22b25e0
7f96f57 polishing
59a2ed6 update
- And the following?
5ba3db6 Fix failing CompositePropertySourceTests
84564a0 Rework @PropertySource early parsing logic
e142fd1 Add tests for ImportSelector meta-data
887815f Update docbook dependency and generate epub
ac8326d Polish mockito usage

Viel Erfolg mit Git J
Und jetzt zum nächsten Thema, MyLyn

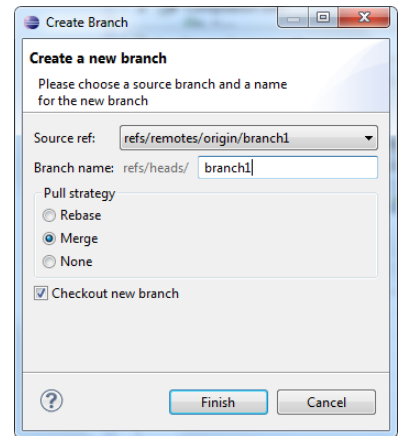


- Good commit messages are important
 - Separate subject from body with a blank line
 - Limit the subject line to 50 characters
 - Capitalize the subject line
 - Do not end the subject line with a period
 - Use the imperative mood in the subject line
 - Wrap the body at 72 characters
 - Use the body to explain *what* and *why* vs. *How*
- See <http://chris.beams.io/posts/git-commit/> for more

Viel Erfolg mit Git J
Und jetzt zum nächsten Thema, MyLyn

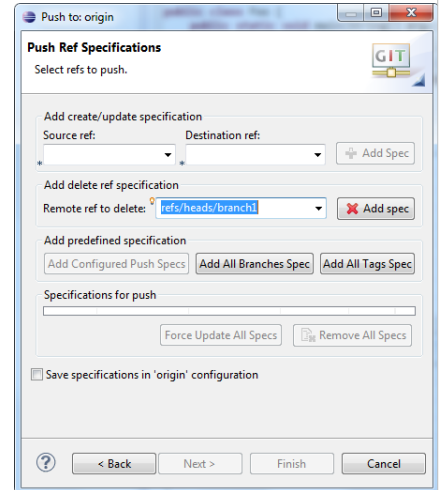


- Instead of checking out a remote branch directly, it's better to create a local branch that **tracks** the remote branch.
- After that, you can pull and push directly to/from the original remote branch.
- If you push a branch that you created locally, the local branch starts tracking the remote copy.



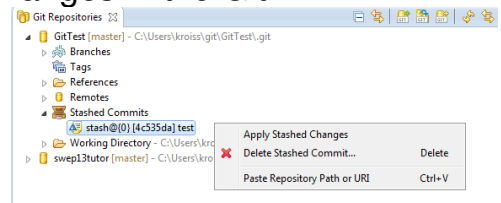


- Deleting the remote reference doesn't do anything on the server.
- To remove a remote branch you have to push "nothing" to the branch:
`git push origin --delete branch`
or with the push dialog in eGit (see picture).
- **Deleting remote branches is most fun when others are tracking it J**



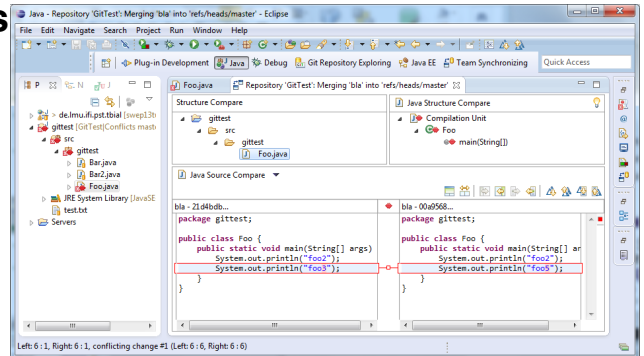


- Git allows to switch between branches at any time
 - eGit: Menu Team Switch To
- If you have uncommitted changes, you have to either commit them first or **stash your changes**
 - eGit: Menu in Git Repository View Stash Changes
 - Those changes get “stored” and you can switch branches
 - You can restore stashed changes in the Git Repository View





- Merging branches may lead to conflicts. When this happens you end up in a "merging-state" where you have to resolve the conflicts.
- **Resolve conflicts**
 - Menu Team Merge Tool
 - Or/and edit manually
- **Then:**
 - Add to index
 - Commit





- Undoing changes:
 - Use Menu Replace (HEAD|Commit|...) to replace files/folders with previous versions from the repository
- If you're used to SVN: **don't forget to push**
 - Commit only writes to your local repository. Use "commit and push" in Commit dialog or push explicitly.
- Resolving conflicts without editing (e.g. for binary files)
 - `git checkout --ours <path>`
 - `git checkout --theirs <path>`



- Use own repository (e.g. GitHub/GitLab) to experiment!
- Install full Git distribution (www.git-scm.com) and (optionally) GUI like TortoiseGit, etc.
- Have a look at the git command line



Merging a user story into master means **integration**

- Conflicts must be carefully **resolved**
- The whole codebase must **compile**
- All tests must **pass**:
unit tests, integration tests, system tests

**Integrate early and opportunisticly,
It will not get easier if you wait!**



GitLab.org / GitLab Community Edition

Public

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GitLab

Version Control on your Server. See <http://gitlab.org/gitlab-ce/> and the README for more information

☆ Star 1186 Fork 886

SSH git@gitlab.com:gitlab-org/gitlab-ce.git

22,929 commits 140 branches 245 tags 261.79 MB Changelog License Contribution guide

skipped a382ad99 Update CHANGELOG · about 7 hours ago by Robert Speicher

GitLab

build skipped build passed code climate 3.2 Coverage Status

Canonical source

The source of GitLab Community Edition is hosted on GitLab.com and there are mirrors to make contributing as easy as possible.

Open source software to collaborate on code

To see how GitLab looks please see the [features page](#) on our website.



Milestones - GitLab.org / ...

https://gitlab.com/gitlab-org/gitlab-ce/milestones

GitLab.org / GitLab Community Edition · Milestones

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Open Closed All

Milestone allows you to group issues and set due date for it

Milestone	Issues	Merge Requests	Completion	Expires
8.7	17	0	0% complete	Apr 22, 2016
8.6	43	0	4% complete	Mar 22, 2016
9.0	7	2	0% complete	
8.5	113	11	13% complete	Feb 22, 2016
8.4	158	180	64% complete	Jan 22, 2016
8.3	99	173	97% complete	(Expired) Dec 22, 2015

Navigation sidebar:

- Go to group
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- Activity
- Files
- Commits
- Builds 13
- Graphs
- Milestones
- Issues 1,924
- Merge Requests 123
- Labels
- Snippets

User: mhoelzl



8.4 Milestones · GitLab.org · <https://gitlab.com/gitlab-org/gitlab-ce/milestones/19>

GitLab.org / GitLab Community Edition · Milestones

Open Milestone #19 · expires on Jan 22, 2016

8.4

Progress: 218 closed – 120 open 64% complete expires on Jan 22, 2016

Issues 158 Merge Requests 180 Participants 17

All issues in this milestone. Total weight of issues 86

+ New Issue Browse Issues

Unstarted Issues (open and unassigned)	Ongoing Issues (open and assigned)	Completed Issues (closed)
#11547 500 error if I search in merge requests	#10852 Undocumented features for 8.4	#10849 Browse Issues Incorrect Positioning in Firefox On Commit Page
#7960 Numbered list rendering in comments cuts off	#10421 Refactor documentation API	#10242 Improve usability and user experience in build artifacts browser
#6062 No Grey Background colour under issue/merge request/milestone/... description section	#10243 Gravatar host is displayed CGI-escaped when not customized	#8109 Deleting a note after editing another results in a Javascript error
#5915 Performance issues with > 1000 projects in a group	#9091 Add detailed documentation on award emojis	#8102 Commit list UI regression
#5618 Limit jquery-ui and bootstrap requirements	#7966 Document new file find feature	#8064 Award emoji window cannot be closed unless an emoji is chosen
	#7961 8.4 Regressions	

15.05.2017 Matthias Dangi



Issues - GitLab.org / GitLa... x +

https://gitlab.com/gitlab-org/gitlab-ce/issues

GitLab

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- Issues 1,924
- Merge Requests 123
- Labels
- Snippets

GitLab.org / GitLab Community Edition - Issues

Search in this project

Open 1,924 Closed 2,896 All 4,820

Filter by title or description + New Issue

Author Assignee Milestone Label Weight sort: Last created

- Sidekick crashes after upgrading to 8.3.4**
#11896 - opened about an hour ago by Nathan Neulinger updated about an hour ago 2
- Gitlab CI access from public IP**
#11876 - opened about an hour ago by yovhi member updated about an hour ago 0
- Add UZF support**
#11875 - opened about 2 hours ago by lenovouser updated about 2 hours ago 1
- dropdowns arrows and border radius**
#11874 - opened about 4 hours ago by Andrey 8.5 Frontend updated about 4 hours ago 1
- List element colors and paddings**
#11873 - opened about 4 hours ago by Andrey 8.5 Frontend updated about 4 hours ago 0
- project page public/private icon position**
#11872 - opened about 4 hours ago by Andrey 8.5 Frontend updated about 4 hours ago 0
- Filter implementation**
#11871 - opened about 4 hours ago by Andrey 8.5 Frontends updated about 4 hours ago 0
- Top search colors and element position is not like in design**
#11870 - opened about 4 hours ago by Andrey 8.5 Frontend updated about 4 hours ago 1





Decide which metadata fl... x +

https://gitlab.com/gitlab-org/gitlab-ce/issues/10982

GitLab

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mhoelzl

GitLab.org / GitLab Community Edition · Issues

Search in this project

Douwe Maan @DouweM · about 15 hours ago Master
I don't think we need to show anything except for filename and size.

Grzegorz Bizon @grzesiek · about 15 hours ago Master
@DouweM Okay :). Do we need this simple change in 8.4?

Kamil Trzcirski @ayufan · about 15 hours ago Master
I agree with @DouweM

Kamil Trzcirski @ayufan · about 15 hours ago Master
I think about something different. Maybe it would be nice to have on right side the ability to browse the content of files. You click the image. You see the preview on right side. You can do it without the need of downloading the file. I can think of that some people will start using artifacts to upload logs, copybara generated pages (.png) or other files that allows to ease the debugging. It's currently not possible, because artifacts are sent only on success, but it maybe useful in the future.

Grzegorz Bizon @grzesiek · about 15 hours ago Master
@ayufan Yes, I agree this may be a useful feature. It would be then possible to embed pictures into READMEs etc. And this is relatively easy to introduce.

Douwe Maan @DouweM · about 14 hours ago Master
Can we display the content on a page like the git blob view (which already does text/images/etc), with a download button on *that* page?

Grzegorz Bizon @grzesiek · about 14 hours ago Master

Assignee
None

Milestone
8.5

Labels
gitlab ci

Weight
2

3 participants

Notifications
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Issues - GitLab.org / GitLab... x Improve usability and user... x +

https://gitlab.com/gitlab-org/gitlab-ce/issues/10242

GitLab

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GitLab.org / GitLab Community Edition · Issues

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Closed Issue #10242 · opened by Grzegorz Bizon · 3 days ago · 1 day ago

+ New Issue

Improve usability and user experience in build artifacts browser

Current UI of build artifacts browser:

Gitlab Org / Gitlab Ci · Builds

Search in this project

Download artifacts archive

Name	Size	Download
another-subdirectory		
doc_sample.txt	598 Bytes	Download

What needs to be done:

1. Clicking on directory name is difficult as directory name can be short (like parent directory ..). Therefore clicking on row in the table instead of directory name should be enough to move to that directory.
2. Clicking on file name / file row should start a download of a file. No need for another download button in table.
3. Hover on a file row can show additional download icon next to file name, to indicate that download dialog will appear instead of showing file in the browser, which is a default behavior.
4. Adding **Compressed to** column may be interesting information about how much of the storage is consumed for this particular file (we already have this information in metadata). **Size** indicates how much of the storage will be consumed after a download.

/cc @jschatz1@creamzy



The screenshot shows a web browser window displaying the GitLab website. The browser's address bar shows the URL <https://about.gitlab.com/applications/>. The GitLab logo is visible in the top left of the page, and navigation links for Download, Features, Pricing, Community, and Blog are in the top right. A 'Sign In' button is also present. The main content area is titled 'Scrum boards' and features three integration cards:

- Taiga.io**: Free. Open Source. Powerful. Taiga is a project management platform for startups and agile developers and designers who want a simple, beautiful tool that makes work truly enjoyable. taiga.io
- Kanboard**: A free, open source and self-hosted visual task board software. GitLab events can be connected to Kanboard's automatic actions through [GitLab webhooks](#) and [GitLab authentication](#). kanboard.net
- GitLab Kanban**: Self hosted kanban board built from the ground up using the GitLab public API. Kanban issues are GitLab issues and the user permissions are respected. Kanban.Leanlabs.io
- Vivify Scrum**: SaaS for agile project management. [Vivify Scrum](#)



The screenshot shows the GitLab web interface for the 'GitLab Community Edition' project. The browser address bar shows the URL 'https://gitlab.com/gitlab-org/gitlab-ce'. The left sidebar contains navigation options: Project, Activity, Files, Commits, Builds (0), Graphs, Milestones, Issues (1,924), Merge Requests (123), Labels, and Snippets. The main content area displays the project name 'GitLab Community Edition' with the GitLab logo. Below the logo, it says 'Version Control on your Server. See <http://gitlab.org/gitlab-ce/> and the README for more information'. There are buttons for 'Star' (1186), 'Fork' (886), and 'SSH' (git@gitlab.com:gitlab-org/gitlab-ce.git). Statistics show 22,929 commits, 140 branches, 245 tags, and 261.79 MB. A recent commit 'a382ad99 Update CHANGELOG · about 7 hours ago by Robert Speicher' is listed. Below the commit, there are build status indicators: 'build skipped', 'build passed', and 'code climate 3.2 Coverage Status'. The 'Canonical source' section states that the source is hosted on GitLab.com. At the bottom, there is a section for 'Open source software to collaborate on code' with a link to the features page.



Branches - GitLab.org / GitLab.org / GitLab Community Edition · Commits

Search in this project

4d7216aa · Update CHANGELOG · 2 months ago	3120 92	Merge Request	Compare
8-2-stable 1322bd78 · Merge branch 'rs-issue-4032' into 'master' · about a month ago	2436 82	Merge Request	Compare
8-3-stable 59166792 · Version 8.3.4 · 7 days ago	1194 61	Merge Request	Compare
8-4-stable d3af84af · Update CHANGELOG · about 7 hours ago	101 36	Merge Request	Compare
DNSBL_docs 5a3bea6e · First attempt on DNSBL documentation · 4 days ago	95 1	Merge Request	Compare
Michi302/gitlab-ce-feature/detailed-user-endpoint merged 8393e3e0 · Add missing changelog entry · 14 days ago	887 0	Merge Request	Compare
admin_notes_for_user 22244ddf · Create admin notes for users · about a month ago	1772 1	Merge Request	Compare
api-groups 8e746daa · Return all authorized groups in API · 10 months ago	7820 1	Merge Request	Compare
awardemoji-tooltip-shows-people-multiple-times e5cbd588 · Fixes issue where other emoji (not thumbsup/thumbsdown) were not removed · about 8 hours ago	58 5	Merge Request	Compare



Merge Requests - GitLab... x +

https://gitlab.com/gitlab-org/gitlab-ce/merge_requests

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GitLab.org / GitLab Community Edition · Merge Requests

Search in this project

Open 123 Merged 2,035 Closed 345 All 2,503

Filter by title or description

Author Assignee Milestone Label sort: Last created

Adds "l" as a shortcut for find file anywhere
#2507 · opened about 9 hours ago by Jacob Schatz 8.4 Frontend updated about 2 hours ago

WIP: Add LICENSE type detection
#2506 · opened about 10 hours ago by Aslak Knutsen updated about 10 hours ago

Check if MR is not broken.
#2505 · opened about 11 hours ago by Rubén Dávila Santos updated about 11 hours ago

[ci skip] Fixed minor typo in workflow documentation
#2503 · opened about 12 hours ago by John Galt updated about 12 hours ago

WIP: Recursive build artifacts metadata entries
#2500 · opened about 14 hours ago by Grzegorz Bizon gitlab-ci updated about 14 hours ago

Add an option to supply root email through an environmental variable.
#2499 · opened about 14 hours ago by Koichiro Mikami updated about 14 hours ago

Fix diff comments loaded by AJAX to load comment with diff in discussion tab
#2497 · opened about 17 hours ago by Rémy Coutable 8.4 Frontend bug updated about 10 hours ago

Add option to include author name in body of notification email. fix #7824
#2495 · opened about 18 hours ago by Jason Lee 8.5 updated about 9 hours ago

15.05.2017 Matthias Dangl



Browser tabs: Merge Requests - GitLab.o..., Improve UX in build artifa...
 URL: https://gitlab.com/gitlab-org/gitlab-ce/merge_requests/2477

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GitLab.org / GitLab Community Edition · Merge Requests
 Search in this project

Merged Merge Request #2477 · opened by Grzegorz Bizon · 2 days ago · 1 day ago

Improve UX in build artifacts browser

This improves UX in build artifacts browser, and makes it more consistent with repository tree browser we already have.

Before:

Twitter / Typeahead.Js · Builds
 Search in this project

Download artifacts archive

Name	Size	Download
other_artifacts_0.1.2		
tests_encoding		
ci_artifacts.txt	27 Bytes	Download
rails_sample.jpg	34 KB	Download

After:

Twitter / Typeahead.Js · Builds
 Search in this project

Download artifacts archive



Merge Requests · GitLab.o... x Improve UX in build artifa... x +

https://gitlab.com/gitlab-org/gitlab-ce/merge_requests/2477

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GitLab.org / GitLab Community Edition · Merge Requests

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tests_encoding		
ci_artifacts.txt	27 Bytes	27 Bytes
rails_sample.jpg	34 KB	31 KB

It is easier to click on a file/directory entry now, because we don't need to click on an entry's basename (that can be really short, like `..` parent directory). We also show **compressed** to size that indicates how much storage does this entry really consume.

Row for an entry is also highlighted on hover and we do not have Download button (clicking on a file row / file basename is enough to download a file).

Closes #10242

Request to merge `ux/improve-artifacts-browser` into `master`

✓ Build passed for 121866a3. View details

Merged by Grzegorz Bizon a day ago

The changes were merged into `master`. The source branch has been removed.

Discussion 13 | Commits 3 | Builds 17 | Changes 7

👍 0 | 🗨️ 0 | 😊

Grzegorz Bizon @grzesiek · 2 days ago

@jschatz1 Please review changes in Frontend. @DouweM Please review also.

fcc @creamzv

Master Assignee

None



Merge Requests - GitLab.o... x Improve UX in build artifa... x +

https://gitlab.com/gitlab-org/gitlab-ce/merge_requests/2477

GitLab.org / GitLab Community Edition · Merge Requests

Search in this project

/cc @creamzy

Jacob Schatz started a discussion **on the diff** [Show/hide discussion](#)

```
app/views/projects/artifacts/browse.html.haml
13 + %table.table.tree-table
15 14 %thead
16 15 %tr
17 16 %th Name
18 17 %th Size
19 - %th Download
19 + %th Compressed To
20 19 = render partial: 'tree_directory', collection: @entry.directories(parent:
true), as: :directory
21 20 = render partial: 'tree_file', collection: @entry.files, as: :file
22 21
23 22 - if @entry.empty?
24 23 .center Empty
24 +
25 +:javascript
26 + $(document).on('click', 'tr[data-link]', function(e) {
27 + window.location = this.dataset.link;
```

Jacob Schatz @jschatz1 · a day ago Master

@grzesiek I know it's not a lot of code but can we extract this to a js.coffee file? Maybe a browse.js.coffee file if it does not already exist? We may need to add additional js functionality later.

Grzegorz Bizon @grzesiek · a day ago Master

It is not a problem to extract this to a separate file, but I'm not sure if it justifies extending our JS dispatcher with yet another case. I think that following YAGNI and extracting this to single file when it will be needed may be better here. What do you think?

Assignee: None

Milestone: 0.8.4

Labels: Frontend, gitlab-ci, ux

5 participants

Notifications:

You're not receiving notifications from this thread.

Reference: gitlab-org/gitlab-ce...



The screenshot shows a GitLab Merge Request page for the project 'GitLab.org / GitLab Community Edition'. The merge request is titled 'Request to merge ux/improve-artifacts-browser into master'. It shows a successful build for commit 121866a3. The merge was performed by Grzegorz Bizon a day ago. The page displays 7 changed files with 29 additions and 22 deletions. A changelog is visible, listing changes from commit 82 to 71. The changelog includes items such as 'Add reporters ability to download and browse build artifacts', 'Autofill referring url in message box when reporting user abuse.', 'Remove leading comma on award emoji when the user is the first to award the emoji', 'Add build artifacts browser', and 'Improve UX in builds artifacts browser'. The page also shows navigation options like 'Discussion', 'Commits', 'Builds', and 'Changes'.



Merge Requests - GitLab.o... x Improve UX in build artifa... x +

https://gitlab.com/gitlab-org/gitlab-ce/merge_requests/2477/diffs#4399adc16904efc205f5d94b9d3b4

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mihoelzi

GitLab.org / GitLab Community Edition · Merge Requests

Search in this project

```

19 - %th Download
18 + %th Compressed to
20 19 = render partial: 'tree_directory', collection: @entry.directories(parent: true), as: :directory
21 20 = render partial: 'tree_file', collection: @entry.files, as: :file
22 21
23 22 - if @entry.empty?
24 23   .center Empty
24 +
25 + javascript
26 + $(document).on('click', 'tr[data-link]', function(e) {
27 +   window.location = this.dataset.link;

```

Jacob Schatz @jschatz1 · 2016-01-18 16:11:10 UTC Master
 @grzesiek I know it's not a lot of code but can we extract this to a js.coffee file? Maybe a browse.js.coffee file if it does not already exist? We may need to add additional js functionality later.

Grzegorz Bizon @grzesiek · 2016-01-18 18:13:15 UTC Master
 It is not a problem to extract this to a separate file, but I'm not sure if it justifies extending our JS dispatcher with yet another case. I think that following YAGNI and extracting this to single file when it will be needed may be better here. What do you think?

Jacob Schatz @jschatz1 · 2016-01-18 18:21:07 UTC · 2016-01-18 18:21:40 UTC Master
 @grzesiek since it is just a link click I guess we can leave it for now. Make sure the tr has a hand cursor in css too so it looks clickable.

Grzegorz Bizon @grzesiek · 2016-01-18 18:31:48 UTC · 2016-01-18 18:31:59 UTC Master
 @jschatz1 It already does (as you can see on screenshot), as it reuses tree classes that has this already implemented!

Grzegorz Bizon @grzesiek · 2016-01-18 18:34:39 UTC · 2016-01-18 18:35:56 UTC Master
 @jschatz1 Ah, you mean cursor: hand. Maybe we should add it to https://gitlab.com/gitlab-org/gitlab-ce/blob/master/app/assets/stylesheets/pages/tree.scss#L28? But maybe it is now safe to use only cursor: pointer?

Jacob Schatz @jschatz1 · 2016-01-18 18:39:29 UTC Master
 @grzesiek You are right. Didn't see it. I am good to go here.

Summary



- Eclipse
 - The IDE for our project
- Git
 - Distributed version control system
 - Built-in branching facilities

