

Verlässliche Echtzeitsysteme

Übungen zur Vorlesung

Aufgabenbearbeitung

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Sommersemester 2020



Arbeitsrepository erstellen (I)

The screenshot shows the GitLab interface for a project named 'vezs20-vorgabe'. The left sidebar contains navigation links: Project overview, Details, Activity, Releases, Repository, Issues, Analytics, Wiki, Snippets, and Settings. The main content area displays project details: Project ID: 9490, 54 Commits, 1 Branch, 0 Tags, 389 KB Files, and 389 KB Storage. Below this is a section for 'Auto DevOps' with an 'Enable in settings' button. A 'History' section shows a list of commits, including 'add git usage instructions' and 'README.md'. The bottom of the page shows a 'README.md' file.

GitLab Projects Groups More Search or jump to...

vezs20-vorgabe Project ID: 9490

54 Commits 1 Branch 0 Tags 389 KB Files 389 KB Storage

Vorgabe für VEZS 2020

Auto DevOps
It will automatically build, test, and deploy your application based on a predefined CI/CD configuration.
Learn more in the [Auto DevOps documentation](#)
[Enable in settings](#)

master vezs20-vorgabe / + History Q Find file Web IDE Clone

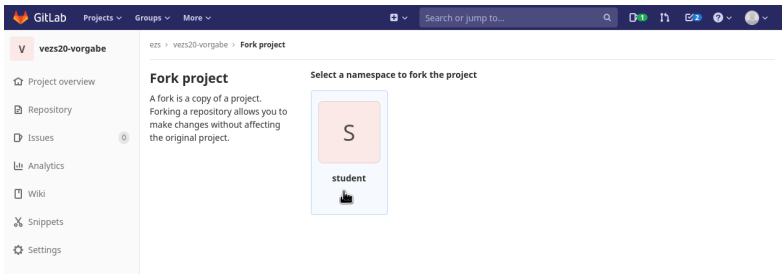
add git usage instructions
Philip Raffeck authored 1 day ago

[Add README](#) [Add LICENSE](#) [Add CHANGELOG](#) [Add CONTRIBUTING](#) [Set up CI/CD](#)

Name	Last commit	Last update
01_git	add git usage instructions	1 day ago
README.md	no ascii art needs formatting	3 years ago

[README.md](#)

Arbeitsrepository erstellen (II)



The screenshot shows the GitLab web interface. At the top is a dark blue header with the GitLab logo, navigation links for 'Projects', 'Groups', and 'More', a search bar, and user profile icons. On the left is a sidebar with a list of project features: 'Project overview', 'Repository', 'Issues' (with a '0' badge), 'Analytics', 'Wiki', 'Snippets', and 'Settings'. The main content area is titled 'Fork project' and shows the breadcrumb 'ezs > vezs20-vorgabe > Fork project'. It includes a sub-header 'Select a namespace to fork the project' and a text box explaining that forking creates a copy of a project. Below this is a selection card for the namespace 'student', which features a large 'S' and a small icon of a person at a computer.



Arbeitsrepository erstellen (III)

GitLab Projects Groups More Search or jump to...

V vezs20-vorgabe

- Project overview
- Repository
- Issues 0
- Merge Requests 0
- Analytics
- Wiki
- Snippets
- Settings**
 - General
 - Members
 - Integrations
 - Webhooks
 - Repository

Project avatar

Choose file... No file chosen

The maximum file size allowed is 200KB.

Save changes

Visibility, project features, permissions Collapse

Choose visibility level, enable/disable project features (issues, repository, wiki, snippets) and set permissions.

Project visibility

Private

The project is accessible only by members of the project. Access must be granted explicitly to each user.

Issues

Lightweight issue tracking system for this project

Only Project Members

Repository

View and edit files in this project

Only Project Members

Merge requests

Submit changes to be merged upstream

Only Project Members

Forks

Allow users to make copies of your repository to a new project



Arbeitsrepository clonen

GitLab Projects Groups More Search or jump to...

vezs20-vorgabe

Project overview

Details

Activity

Releases

Repository

Issues 0

Merge Requests 0

Analytics

Wiki

Snippets

Settings

student > vezs20-vorgabe > Details

vezs20-vorgabe Project ID: 9649

54 Commits 1 Branch 0 Tags 276 KB Files 276 KB Storage

Vorgabe für VEZS 2020

Forked from ezs / vezs20-vorgabe

Auto DevOps

It will automatically build, test, and deploy your application based on a predefined CI/CD configuration.

Learn more in the [Auto DevOps documentation](#)

Enable in settings

master vezs20-vorgabe / +

History Find file Web IDE Clone

test
Phillip Raffeck authored 1 day ago

README Add LICENSE Add CHANGELOG Add CONTRIBUTING

Name	Last commit	Last update
01_git	test	1 day ago
README.md	no ascii art needs formatting	3 years ago

README.md

Clone with SSH

git@gitlab.cs.fau.de:student

Clone with HTTPS

https://gitlab.cs.fau.de/stu

Neuen Branch für Abgabe erstellen

```
student@host:~/vezs2020 %git clone git@gitlab.cs.fau.de:student/vezs20-vorgabe.git
Cloning into 'vezs20-vorgabe'...
remote: Enumerating objects: 321, done.
remote: Counting objects: 100% (321/321), done.
remote: Compressing objects: 100% (132/132), done.
remote: Total 321 (delta 162), reused 315 (delta 160), pack-reused 0
Receiving objects: 100% (321/321), 110.65 KiB | 1.38 MiB/s, done.
Resolving deltas: 100% (162/162), done.
student@host: ~/vezs2020 %cd vezs20-vorgabe
student@host:~/vezs2020/vezs20-vorgabe %git checkout -b aufgabe2
Switched to a new branch 'aufgabe2'
student@host:~/vezs2020/vezs20-vorgabe %git push --set-upstream origin aufgabe2
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: To create a merge request for aufgabe2, visit:
remote:   https://gitlab.cs.fau.de/student/vezs20-vorgabe/-/merge\_requests/new?merge\_request%5Bsource\_branch%5D=aufgabe2
remote:
To gitlab.cs.fau.de:student/vezs20-vorgabe.git
* [new branch]      aufgabe2 -> aufgabe2
Branch 'aufgabe2' set up to track remote branch 'aufgabe2' from 'origin'.
```

⇒ **eigener Branch pro Aufgabenblatt**



Abgabe per Merge Request (I)

GitLab Projects Groups More

Search or jump to...

vezs20-vorgabe

Project overview

Repository

Issues 0

Merge Requests 0

Analytics

Wiki

Snippets

Settings

student > vezs20-vorgabe > Merge Requests

You pushed to **aufgabe2** 1 minute ago

Create merge request

Merge requests are a place to propose changes you've made to a project and discuss those changes with others

Interested parties can even contribute by pushing commits if they want to.

New merge request

New merge request

⇒ muss im **geforkten Arbeitsrepository** erfolgen



Abgabe per Merge Request (II)

The screenshot shows the GitLab web interface for creating a new merge request. The breadcrumb trail at the top indicates the path: student > vezs20-vorgabe > Merge Requests > New. The left sidebar contains navigation links for Project overview, Repository, Issues, Merge Requests, Analytics, Wiki, Snippets, and Settings. The main content area is titled 'New Merge Request'. It features two dropdown menus for 'Source branch' (student/vezs20-vorgabe and aufgabe2) and 'Target branch' (ezs/SS20/group42 and master). Below these, a user profile for 'test' (Student) is shown, along with a green button labeled 'Compare branches and continue'.

Source: Arbeitsrepository

Target: Abgaberepository



Abgabe per Merge Request (III)

The screenshot shows the GitLab web interface for creating a new merge request. The left sidebar contains navigation links: Project overview, Repository, Issues (0), Merge Requests (0), Analytics, Wiki, Snippets, and Settings. The main content area is titled 'New Merge Request' and shows the source 'student/vezs20-vorgabe:aufgabe2' being merged into the target 'ezs/SS20/group42:master'. The 'Title' field contains 'Aufgabe2'. The 'Description' field has a rich text editor with a 'Write' tab selected and the text 'Describe the goal of the changes and what reviewers should be aware of.' Below the description is a section for 'Merge options' with two checkboxes: 'Delete source branch when merge request is accepted.' (checked) and 'Squash commits when merge request is accepted.' (unchecked). The 'Contribution' section has a checkbox 'Allow commits from members who can merge to the target branch.' (unchecked). At the bottom, there is a green 'Submit merge request' button and a 'Cancel' button. A status bar at the very bottom shows 'Commits 3' and 'Changes 0'.

GitLab Projects Groups More

student / vezs20-vorgabe Merge Requests New

New Merge Request

From student/vezs20-vorgabe:aufgabe2 into ezs/SS20/group42:master [Change branches](#)

Title Aufgabe2

Start the title with **WIP:** to prevent a Work In Progress merge request from being merged before it's ready.

Description

Write Preview

Describe the goal of the changes and what reviewers should be aware of.

Markdown and quick actions are supported [Attach a file](#)

Merge options

☒ Delete source branch when merge request is accepted.

☐ Squash commits when merge request is accepted. ⓘ

Contribution

☐ Allow commits from members who can merge to the target branch. [About this feature](#)

Not available for private projects

[Submit merge request](#) [Cancel](#)

Commits 3 **Changes** 0

