

Verlässliche Echtzeitsysteme

Übungen zur Vorlesung

Aufgabenbearbeitung

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Wintersemester 2021



Arbeitsrepository erstellen (I)

The screenshot shows the GitLab interface for a project named 'group42'. The left sidebar contains navigation links: Project overview, Details (selected), Activity, Releases, Repository, Issues (0), Merge Requests (0), CI / CD, Operations, Packages & Registries, Analytics, Wiki, Snippets, Members, and Settings. The main content area shows the project details: 'group42' with Project ID 11440, 64 Commits, 2 Branches, 0 Tags, 543 KB Files, and 543 KB Storage. A 'Fork' button is highlighted with a red box. Below this is an 'Auto DevOps' section with a description and an 'Enable in settings' button. The 'master' branch is selected, and the 'group42 / + v' dropdown is visible. A commit history table is shown, listing commits from 01_git to 06_Analyse, along with a README.md file. The commit history table has three columns: Name, Last commit, and Last update.

Name	Last commit	Last update
01_git	add git usage instructions	6 months ago
02_filter	02_filter: use correct initialization function in testcase	6 months ago
03_TMR	03_TMR: correct test values	5 months ago
04_EAN	04_EAN: Correct signature of CoRedVote from enc_t1 to sig_t1	4 months ago
05_Testen	05_Testen: Add answers.md file	5 months ago
06_Analyse	Add 06_Analyse	4 months ago
README.md	no ascii art needs formatting	3 years ago

Below the table is a section for 'README.md' with a text input field.

Arbeitsrepository erstellen (II)

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ezs DemoSemester group42 Fork project

Fork project

A fork is a copy of a project.
Forking a repository allows you to make changes without affecting the original project.

Select a namespace to fork the project

S

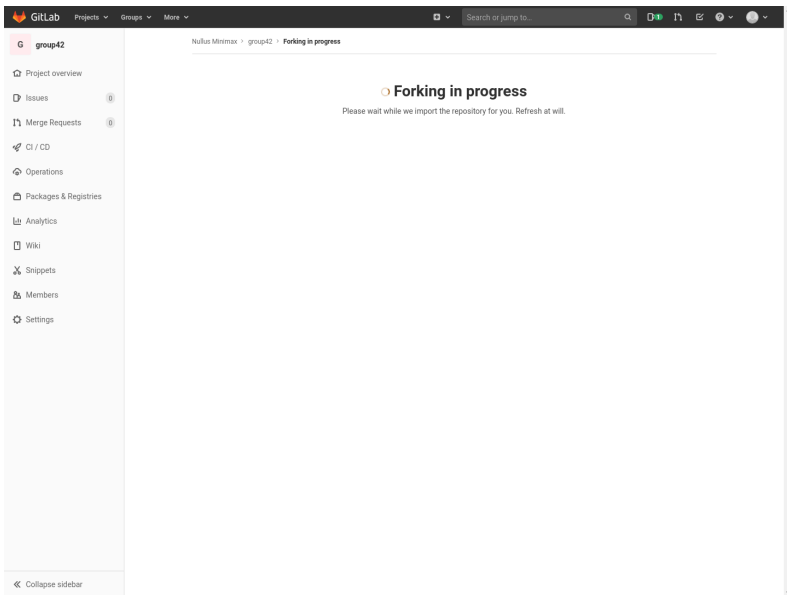
Nullus Minimax

Select

Groups and subgroups



Arbeitsrepository erstellen (III)



Arbeitsrepository clonen

The screenshot shows the GitLab web interface for a project named 'group42'. The sidebar on the left contains navigation links: Project overview, Details, Activity, Releases, Repository, Issues, Merge Requests, CI / CD, Operations, Packages & Registries, Analytics, Wiki, Snippets, Members, and Settings. The main content area displays the project details for 'group42', including its ID (11445), commit count (64), branches (2), tags (0), file size (553 KB), and storage (553 KB). A 'Create merge request' button is visible. Below the project information, there is a section for 'Auto DevOps' with a description and a link to the documentation. A 'Clone with SSH' dialog box is open, showing the SSH URL 'git@gitlab.cs.fau.de:fo21q1' and the HTTPS URL 'https://gitlab.cs.fau.de/fo2'. The dialog box also includes a 'Clone with HTTPS' section.

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Nullus Minimax > group42 > Details

You pushed to **aufgabe1** at **Nullus Minimax / group42** 24 minutes ago

Create merge request

group42

Project ID: 11445

64 Commits 2 Branches 0 Tags 553 KB Files 553 KB Storage

Forked from **ezs / DemoSemester / group42**

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 group42 / +

History Find file Web IDE Clone

Clone with SSH

git@gitlab.cs.fau.de:fo21q1

Clone with HTTPS

https://gitlab.cs.fau.de/fo2

README Add LICENSE Add CHANGELOG Add CONTRIBUTING Add

Name	Last commit	Last update

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Neuen Branch für Abgabe erstellen

```
student@host:~/vezs2020 %git clone git@gitlab.cs.fau.de:student/group42.git
Cloning into 'group42'...
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 group42
student@host:~/vezs2020/group42 %git checkout -b aufgabe2
Switched to a new branch 'aufgabe2'
student@host:~/vezs2020/group42 %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/group42/-/merge\_requests/new?merge\_request%5Bsource\_branch%5D=aufgabe2
remote:
To gitlab.cs.fau.de:student/group42.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)

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Nullus Minimax > group42 > Details

You pushed to [aufgabe1](#) at Nullus Minimax / group42 24 minutes ago

Create merge request

group42 Project ID: 11445

64 Commits 2 Branches 0 Tags 553 KB Files 553 KB Storage

Forked from [ezs / DemoSemester / group42](#)

Auto DevOps

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Enable in settings

master group42 / +

History Find file Web IDE Clone

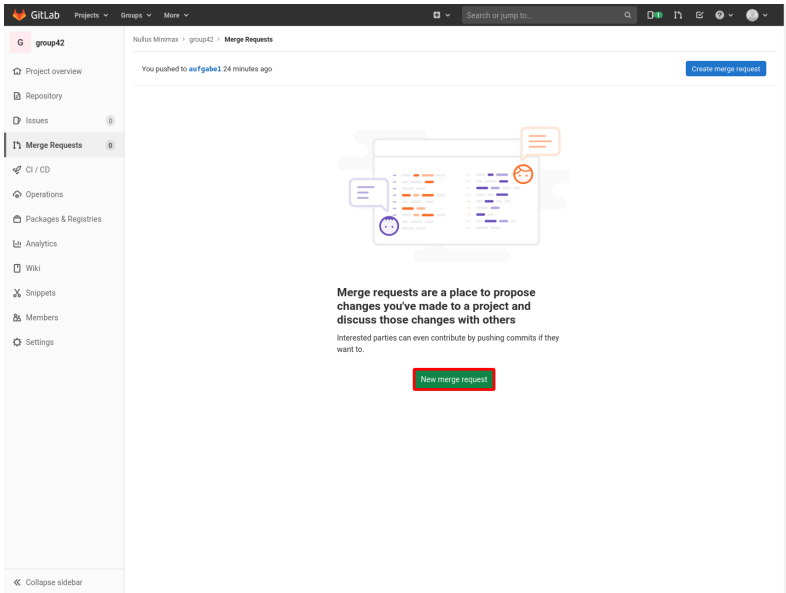
README Add LICENSE Add CHANGELOG Add CONTRIBUTING Add Kubernetes cluster Set up CI/CD

Name	Last commit	Last update

Collapse sidebar

⇒ muss im **geforkten Arbeitsrepository** erfolgen

Abgabe per Merge Request (II)



The screenshot displays the GitLab web interface for a project named 'group42'. The left sidebar contains navigation links: Project overview, Repository, Issues (0), Merge Requests (0), CI / CD, Operations, Packages & Registries, Analytics, Wiki, Snippets, Members, and Settings. The main content area is titled 'Merge Requests' and shows a notification: 'You pushed to aufgabe1 24 minutes ago'. A blue button 'Create merge request' is visible. Below this, a diagram illustrates a merge request process with a code diff and a speech bubble. The text explains that merge requests are a place to propose changes and discuss them with others, and that interested parties can contribute by pushing commits if they want to. A red box highlights the 'New merge request' button.

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Nullus Minimax > group42 > Merge Requests

You pushed to [aufgabe1](#) 24 minutes 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

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), CI / CD, Operations, Packages & Registries, Analytics, Wiki, Snippets, Members, and Settings. The main content area is titled 'New Merge Request' and shows the 'Source branch' dropdown set to 'student/group42' and 'aufgabe1'. The 'Target branch' dropdown is set to 'ezs/demosemester/group42' and 'aufgabe1'. A green button labeled 'Compare branches and continue' is visible. The user 'Add 06_Analyse' is shown as the author, with the commit hash '2f62e0f6' and a note 'Nullus Minimax authored 4 months ago'.

Source: Arbeitsrepository
Target: Abgaberepository

Abgabe per Merge Request (IV)

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group42

- Project overview
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- Merge Requests 0
- CI / CD
- Operations
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- Analytics
- Wiki
- Snippets
- Members
- Settings

Nullus Minimax > group42 > Merge Requests > New

New Merge Request

From `student/group42:aufgabe1` into `ezs/demosenester/group42:aufgabe1` [Change branches](#)

Title

Start the title with `Draft:` or `WIP:` to prevent a merge request that is a work in progress from being merged before it's ready. Add [description templates](#) to help your contributors communicate effectively!

Description

Write **Preview**

Hier meine Abgabe. Bei Teilaufgabe 2 bin ich mir jedoch leider unsicher.

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

Assignee [Assign to me](#)

Milestone

Labels

Merge options

- ☒ Delete source branch when merge request is accepted.
- ☐ Squash commits when merge request is accepted. [About this feature](#)

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 1 Changes 0

« Collapse sidebar