

Youtrack with GitHub Integration

Möglichkeiten

- Die Commits werden einzelnen Issues zugeordnet
- Man kann direkt aus dem Commit-Kommentar oder der Pull-Description gewisse Kommandos an YouTrack senden, zB wechselt eine Task-Card vom Status „in Progress“ in den Status „To Verify“
- Man kann in Commit-Messages zu Issues verlinken

<https://www.jetbrains.com/help/youtrack/incloud/GitHub-Integration.html>

Einrichten der Integration

email in Userkonto eintragen

The screenshot shows a web browser window with a toolbar at the top containing various icons like People, Register, Xibo Digital, WhatsApp, GitHub, etc. The main content is a user profile edit page for 'Stuetz Thomas'. The top navigation bar includes 'Issues', 'Dashboards', 'Agile Boards', 'Reports', and 'Projects'. Below this, there are tabs for 'General', 'Tags and Saved Searches', and 'Notifications', with 'General' being active. A large blue circle labeled '3' points to a red-bordered button labeled 'Update personal information and manage logins'. Another blue circle labeled '2' points to a 'Profile' button with a red border. A third blue circle labeled '1' points to the top right corner of the screen. The profile page itself has fields for 'Full name' (Stuetz Thomas), 'Login' (t.stuetz), 'Avatar' (a green square with 'ST' and a minus sign), 'Email' (empty input field), 'Jabber' (empty input field), 'Local time zone' (dropdown set to 'Etc'), and a secondary dropdown set to 'UTC'. At the bottom, the URL is 'vm81.htl-leonding.ac.at:8080/users/me' and it says 'UTC/GMT 0 hours Guess time zone'.

Screenshot of a web browser showing the YouTrack user profile page for Stuetz Thomas.

The browser toolbar includes links for People, Register, Xibo Digital, WhatsApp, GitHub, and YouTrack. The address bar shows the URL: `vm81.html-leonding.ac.at:8080/admin/hub/users/cf73bd2b-`. The search bar contains "Search".

The main navigation menu includes Issues, Dashboards, Agile Boards, Reports, Projects, and a gear icon. A YouTrack logo is visible in the top left corner.

The user profile page for "Stuetz Thomas" (it's me) shows the following details:

- General** tab selected.
- Groups**: 2
- Roles**: 4
- Authentication**

Form fields:
Full Name: Stuetz Thomas
Login: t.stuetz
Avatar: ST (green gradient background)
Email: t.stuetz@htl-leonding.ac.at (highlighted with a red box)
Jabber: (empty input field)
VCS user names: t.stuetz

Connected Profiles:
YouTrack (with YouTrack logo)

Information at the bottom:
Registered: Apr 2, 2018 6:30:26 PM
Personal data: Download in CSV format
Buttons: Save (highlighted with a red box), Cancel

Large blue circles with numbers 1 and 2 are overlaid on the screenshot to indicate specific steps:

- 1: Points to the Email input field.
- 2: Points to the Save button.

Screenshot of a web browser showing the user profile page for Stuetz Thomas on a system named vm81.htl-leonding.ac.at:8080.

The browser's top bar shows various icons and links, including People, Register, Xibo Digital, WhatsApp, GitHub, YT Stu X (selected), M Create, K Using, Your R, WebUI, GitHub, Page r, Are yo, and a search bar. Below the top bar is a toolbar with links to Most Visited, LEO Deutsch-Englis..., Oracle Admin, HTML Leonding, Moodle-Kurse, Jenkins, News, Steuern und Messen, MQTT, Xibo, Themen, Tolle Links, and temp.

The main content area displays the user profile for Stuetz Thomas. The header includes a logo, navigation links for Issues, Dashboards, Agile Boards, Reports, and Projects, and a settings icon. The user's name, Stuetz Thomas, is prominently displayed.

The profile page has three tabs: General (selected), Tags and Saved Searches, and Notifications.

The General tab contains the following fields:

- Hub account**: Update personal information and manage logins.
- Full name**: Stuetz Thomas
- Login**: t.stuetz
- Avatar**: A green square icon with the letters ST and a minus sign.
- Email**: t.stuetz@htl-leonding.ac.at (highlighted with a red box)
- Jabber**: An empty input field.
- Local time zone**: Etc (dropdown menu) with UTC selected below it.

A blue callout box on the right side of the page states: **Nun ist die korrekte email-Adresse eingetragen**.

A warning message next to the Email field states: **⚠ Email notifications are currently disabled system-wide. Configure**.

Konfigurieren der GitHub Integration

The screenshot shows the YouTrack interface for the 'DemoProject'. The top navigation bar includes links for Issues, Dashboards, Agile Boards, Reports, Projects (which is highlighted with a red box), and Create Project. Below the navigation is a search bar and a toolbar with various icons.

The main content area displays the 'DemoProject' dashboard. It features a title card for 'DemoProject' with a star icon, a description 'DemoProject zur Erstellung der Doku für YouTrack und Git', and buttons for 'Create Issue' and 'Add widget' or 'Copy from Dashboard'. To the right of the dashboard is a large green button with the text 'DEM'.

On the left, there's a 'Team' section showing '1 member' (Stuetz Thomas) and his email (t.stuetz@htl-leonding.ac.at). On the right, there's an 'Administration' sidebar with options like General, Access, Team, Fields, VCS (which is highlighted with a red box), Notification Templates, Build Server Integration, Time Tracking, Workflow, and About. The 'VCS' section is currently selected.

A prominent blue banner in the center of the dashboard area says 'Auf der Project-Seite den Eintrag VCS anklicken' (Click the VCS entry on the Project page).

At the bottom right, it shows the project was owned by Stuetz Thomas and created on Oct 28, 2018.

1819_E People Register Xibo Digital WhatsApp GitHub YT Edit M Create K Using Your R WebUI GitHub Page +

vm81.html-leonding.ac.at:8080/admin/editProject/0-35?i=110% ... Search

Most Visited LEO Deutsch-Englis... Oracle Admin HTML Leonding Moodle-Kurse Jenkins News Steuern und Messen MQTT Xibo Themen Tolle Links temp

Issues Dashboards Agile Boards Reports Projects ST

Projects > DemoProject > Edit Project Archive project Remove project

General Access Team Fields VCS Notification Templates Build Server Integration Time Tracking Workflow

+ New VCS Integration ▾

bitbucket.org

gitlab.com

gitlab.html-leonding.ac.at/

github.com

Add VCS Server...

1

2

Screenshot of a web browser showing the 'Edit Project' screen for a 'DemoProject' in a project management tool. The browser has a custom toolbar at the top with various icons.

The main navigation bar includes 'Issues', 'Dashboards', 'Agile Boards', 'Reports', and 'Projects'. The 'VCS' tab is currently selected.

The 'VCS' tab section contains buttons for '+ New VCS Integration', 'Enable', and a trash icon. To the right is a 'Hide Details' button.

The 'Repository' section shows a 'New VCS Integration' dialog with the following fields:

- Server:** A dropdown menu set to 'github.com' (circled with a red box and labeled '1').
- OAuth Token:** An input field containing a placeholder 'Create OAuth token' (circled with a red box and labeled '2').
- Repository Owner:** An input field containing 'me'.

A note below the owner field says: 'Leave blank, if you own the repository'.

At the bottom of the dialog are 'Connect to VCS server' and 'Cancel' buttons.



Search or jump to...

Pull requests Issues Marketplace Explore



Settings / Developer settings

OAuth Apps

GitHub Apps

Personal access tokens

New personal access token

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

Token description

YouTrack Integration

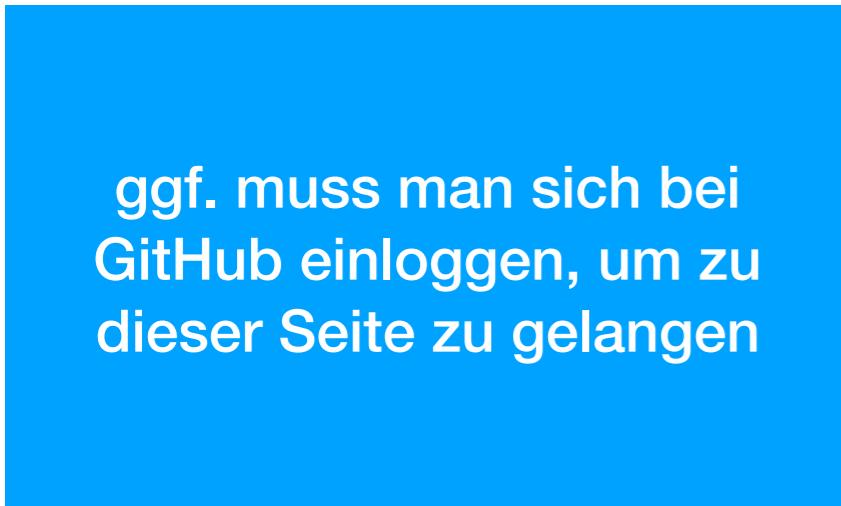
Description can't be blank

Scopes define the access for personal tokens. [Read more about OAuth scopes](#).

<input checked="" type="checkbox"/> repo	Full control of private repositories
<input checked="" type="checkbox"/> repo:status	Access commit status
<input checked="" type="checkbox"/> repo_deployment	Access deployment status
<input checked="" type="checkbox"/> public_repo	Access public repositories
<input checked="" type="checkbox"/> repo:invite	Access repository invitations
<input type="checkbox"/> admin:org	Full control of orgs and teams
<input type="checkbox"/> write:org	Read and write org and team membership
<input checked="" type="checkbox"/> read:org	Read org and team membership
<input type="checkbox"/> admin:public_key	Full control of user public keys
<input type="checkbox"/> write:public_key	Write user public keys
<input type="checkbox"/> read:public_key	Read user public keys
<input checked="" type="checkbox"/> admin:repo_hook	Full control of repository hooks
<input checked="" type="checkbox"/> write:repo_hook	Write repository hooks
<input checked="" type="checkbox"/> read:repo_hook	Read repository hooks
<input type="checkbox"/> admin:org_hook	Full control of organization hooks
<input type="checkbox"/> gist	Create gists
<input type="checkbox"/> notifications	Access notifications
<input type="checkbox"/> user	Update all user data
<input type="checkbox"/> read:user	Read all user profile data
<input type="checkbox"/> user:email	Access user email addresses (read-only)
<input type="checkbox"/> user:follow	Follow and unfollow users
<input type="checkbox"/> delete_repo	Delete repositories
<input type="checkbox"/> write:discussion	Read and write team discussions
<input type="checkbox"/> read:discussion	Read team discussions
<input type="checkbox"/> admin:gpg_key	Full control of user gpg keys <small>(Developer Preview)</small>
<input type="checkbox"/> write:gpg_key	Write user gpg keys
<input type="checkbox"/> read:gpg_key	Read user gpg keys

Generate token

Cancel



ggf. muss man sich bei GitHub einloggen, um zu dieser Seite zu gelangen

1

2

Some of the scopes you've selected are included in other scopes. Only the minimum set of necessary scopes has been saved. X

Settings / Developer settings

Personal access tokens

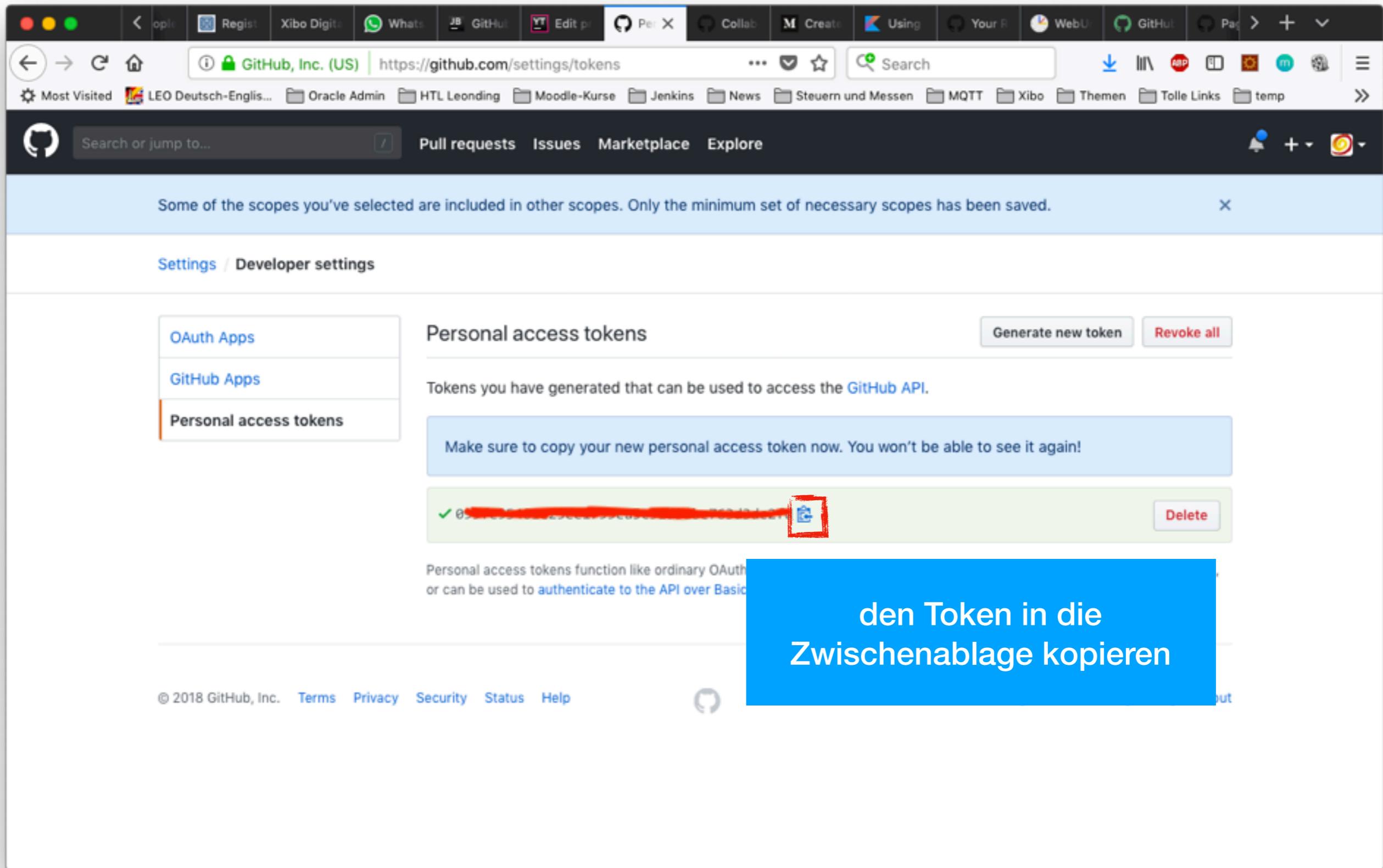
Tokens you have generated that can be used to access the GitHub API.

Make sure to copy your new personal access token now. You won't be able to see it again!

✓ 0 Personal access tokens

Personal access tokens function like ordinary OAuth tokens and can be used to authenticate to the API over Basic or

den Token in die Zwischenablage kopieren



© 2018 GitHub, Inc. Terms Privacy Security Status Help

Screenshot of a web browser showing the YouTrack interface for editing a project.

The browser's address bar shows the URL: `vm81.h1-leonding.ac.at:8080/admin/editProject/0-35?`

The YouTrack navigation bar includes links for Issues, Dashboards, Agile Boards, Reports, Projects, and other system navigation.

The main title is "Projects > DemoProject > Edit Project".

The "VCS" tab is selected in the top navigation bar.

On the left, there is a sidebar for "New VCS Integration" which is not saved yet. It has buttons for "+ New VCS Integration", "Enable", and a pencil icon.

A modal window titled "New VCS Integration" is open. It contains fields for "Server" (set to "github.com"), "OAuth Token" (a redacted field), "Repository Owner" (set to "me"), and a note: "Leave blank, if you own the repository".

At the bottom of the modal are two buttons: "Connect to VCS server" (highlighted with a red border) and "Cancel".

A large blue callout box with the text "und hier einfügen" is overlaid on the "OAuth Token" field.

apple Regist Xibo Digi WhatsApp GitHub YT Edi Person Collab Create Using Your R WebU GitHub Page +

vm81.html-leonding.ac.at:8080/admin/editProject/0-35? 110% ... Search Download ABP Bookmarks Settings More

Most Visited LEO Deutsch-Englis... Oracle Admin HTL Leonding Moodle-Kurse Jenkins News Steuern und Messen MQTT Xibo Themen Tolle Links temp

YT Issues Dashboards Agile Boards Reports Projects ST

Projects > DemoProject > Edit Project Archive project Remove project

General Access Team Fields **VCS** Notification Templates Build Server Integration Time Tracking Workflow

+ New VCS Integration Enable > Hide Details

Repository

New VCS Integration is not saved

New VCS Integration

Auch muss das korrekte Repository gewählt werden

Repository Owner me

Repository VehicleJdbc

Repositories are listed for owner me. [Change](#)

Committers All Users

Select a group to search for a committer to update issues from commit messages

Monitor Branches

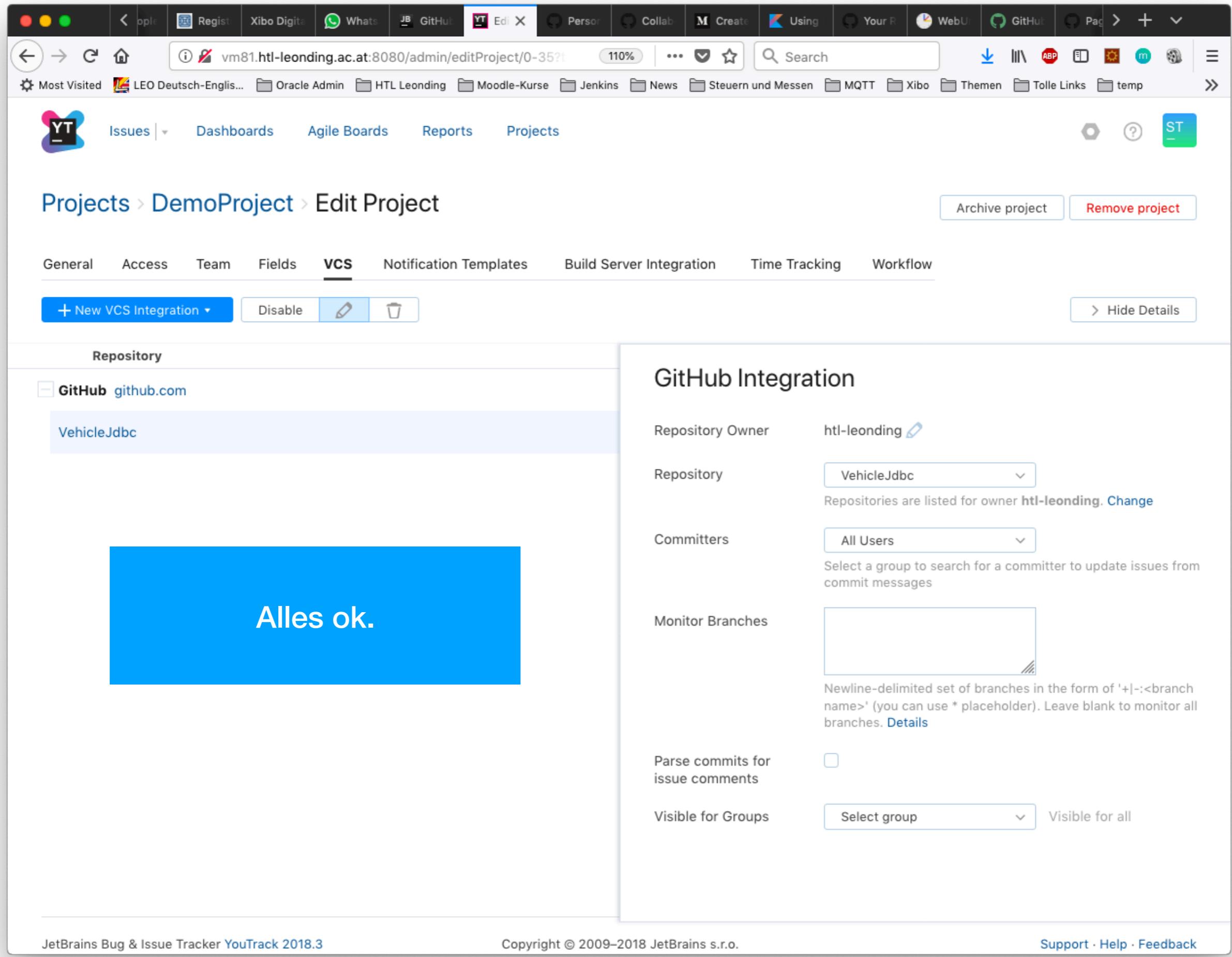
Newline-delimited set of branches in the form of '+|-<branch name>' (you can use * placeholder). Leave blank to monitor all branches. [Details](#)

Parse commits for issue comments

Visible for Groups Select group Visible for all

Save Cancel

JetBrains Bug & Issue Tracker YouTrack 2018.3 Copyright © 2009–2018 JetBrains s.r.o. Support · Help · Feedback



Issue-Nr in Commit eintragen

<https://www.jetbrains.com/help/youtrack/incloud/VCS-Changes.html>

Screenshot of a web-based Agile project management tool interface.

The top navigation bar includes links for GitHub, View a..., Email, Collab, Create, Using, Your R, WebU, GitHub, Page r, Are yo, Camp, and various system icons.

The address bar shows the URL: `vm81.htl-leonding.ac.at:8080/agiles/99-78/100-240`.

The main header features a logo, navigation tabs (Issues, Dashboards, Agile Boards, Reports, Projects, Create), and user profile icons.

A search bar is present with the placeholder "Filter cards on the board".

Below the search bar, a dropdown menu shows "DemoProject Project Dev..." and a filter input.

Card filtering options include "Unscheduled" and a color palette.

Card status filters: Open (0), In Progress (0), To Verify (0), and Done (0).

A section titled "Uncategorized Cards" contains one card:

- Demo-1** (Normal Task)
- Description: Create comments in code files
- Estimation: Not estimated

A red box highlights the "Demo-1" card.

A large blue callout box in the center states: **Zuerst wird eine Task-Card erstellt**.

At the bottom left, it says "Board owner: Stuetz Thomas". At the bottom right, there is a button labeled "New swimlane ...".

The screenshot shows the IntelliJ IDEA interface with the following details:

- Project View:** Shows the project structure under "VehicleJdbc [vehicle]". The "src/test/java/at/htl/vehicle/VehicleTest.java" file is selected.
- Code Editor:** Displays the content of `VehicleTest.java`. The code sets up a JDBC connection to Derby. A comment at the top states: `/* Testklasse für JDBC-Zugriff */`.
- Terminal:** Shows the command `git status` being run in the local terminal. The output indicates the file is modified:

```
Toms-MBP:VehicleJdbc stuetz$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   src/test/java/at/htl/vehicle/VehicleTest.java
```

Das geänderte File wird zur Stage Area hinzugefügt

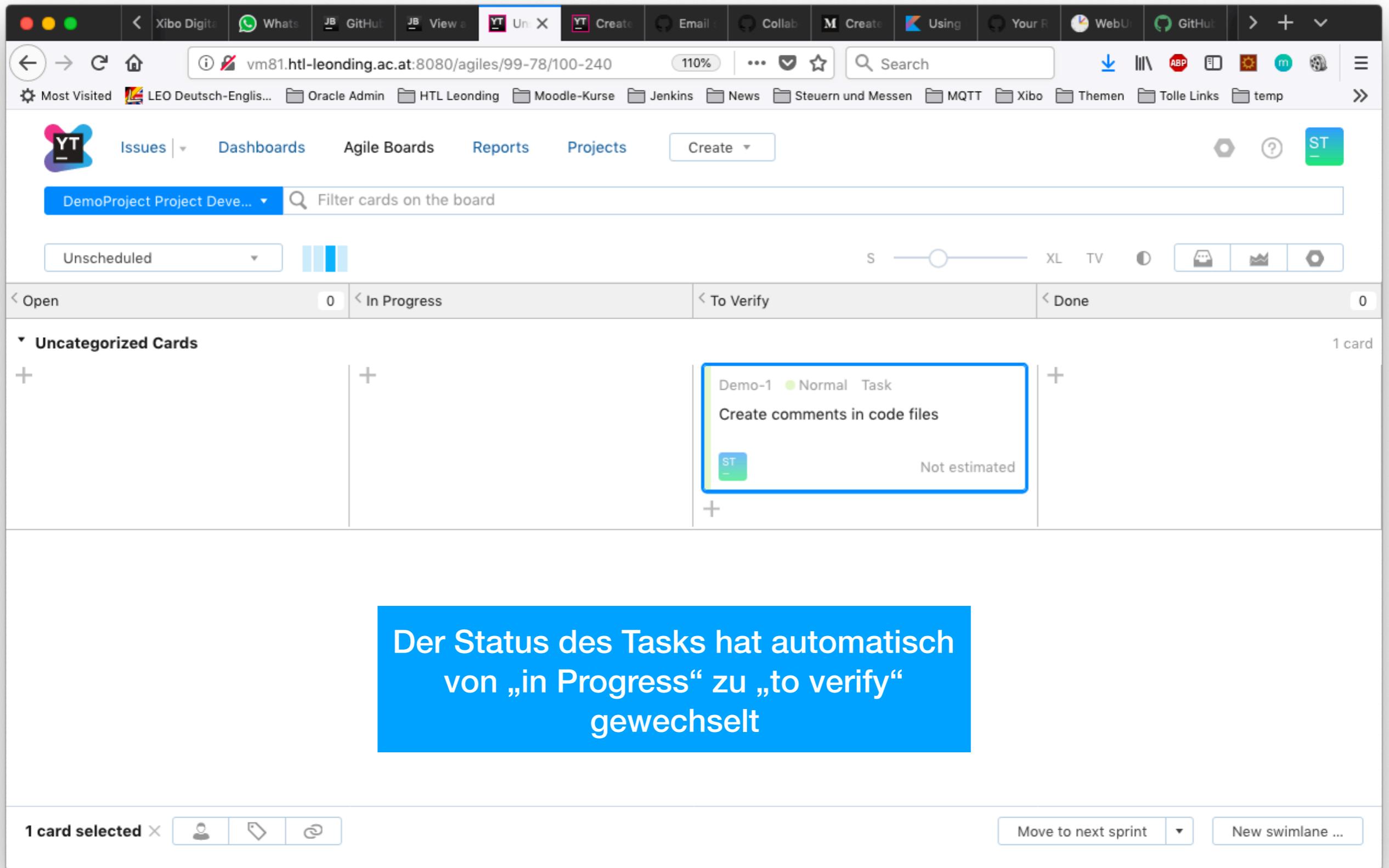
```
git add src/test/java/at/htl/vehicle/VehicleTest.java
```

Bottom Status Bar: Shows the current time (15:31), file encoding (LF), character set (UTF-8), indentation (4 spaces), Git status (master), and file count (188 of 725M).

The screenshot shows the IntelliJ IDEA interface with the following details:

- Project View:** Shows the project structure for "VehicleJdbc [vehicle]".
- Code Editor:** Displays the content of `VehicleTest.java`. A comment `/* Testklasse für JDBC-Zugriff */` is highlighted in yellow.
- Terminal:** Shows the command-line output:

```
Toms-MBP:VehicleJdbc stuetz$ git commit -m "Comment created #Demo-1 State To Verify"
[master b1fd691] Comment created #Demo-1 State To Verify
 1 file changed, 3 insertions(+)
Toms-MBP:VehicleJdbc stuetz$ git push origin master
Counting objects: 9, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (9/9), 608 bytes | 608.00 KiB/s, done.
Total 9 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/htl-leonding/VehicleJdbc.git
 257ff81..b1fd691  master -> master
Toms-MBP:VehicleJdbc stuetz$
```
- Annotations:** Two specific lines in the terminal are highlighted with red boxes:
 - `git commit -m "Comment created #Demo-1 State To Verify"`
 - `git push origin master`
- Text Overlay:** A blue box contains the text: **Nach dem Hash steht die Nummer der Task-Card, gefolgt von einem VCS-Command**.
- Bottom Status Bar:** Shows the time (15:31), encoding (UTF-8), Git status (master), and file count (184 of 725M).



Screenshot of a web browser showing the YouTrack issue management system interface.

The browser address bar shows the URL: `vm81.html-leonding.ac.at:8080/issue/Demo-1`.

The main navigation menu includes: Issues, Dashboards, Agile Boards, Reports, Projects, Create Issue, and various system icons.

The current view is for the project "DemoProject". A search bar displays the query "Enter search request".

The issue details for "Demo-1" are shown:

- Created by Stuetz Thomas 37 minutes ago
- Updated by Stuetz Thomas 33 minutes ago
- Visible to All Users

A sidebar on the right lists the issue's properties:

Project	DemoProject
Priority	Normal
Type	Task
State	To Verify
Assignee	Stuetz Thomas
Sprints	Unscheduled
Ideal days	Not estimated

Activity settings and a comment history are displayed:

- Comment by Stuetz Thomas: committed changes 33 minutes ago. Content: Comment created #DEMO-1 State To Verify. State: In Progress → To Verify. ID: b1fd6912.

A red box highlights the most recent comment.

The comment input field is ready for a new message:

Write a comment, @mention people

Attach file... ![alt text](attachment)

Add comment Visible to Same as issue ▾

A large blue callout box on the right contains the text:

Nach einer kurzen Zeit sieht man
in Youtrack den Commit/Push
eingetragen

Weitere Infos

- <https://www.jetbrains.com/help/youtrack/incloud/Map-Issues-to-VCS-Change-Commit.html>
- <https://www.jetbrains.com/help/youtrack/incloud/Apply-Commands-in-VCS-Commits.html>
- <https://hadihariri.com/2011/10/27/streamlining-issue-management-with-github-and-youtrack/>



Schön, hier zu lernen.