

Homework Setup

Johannes Jablonski, Univ. Erlangen

ADAP A03

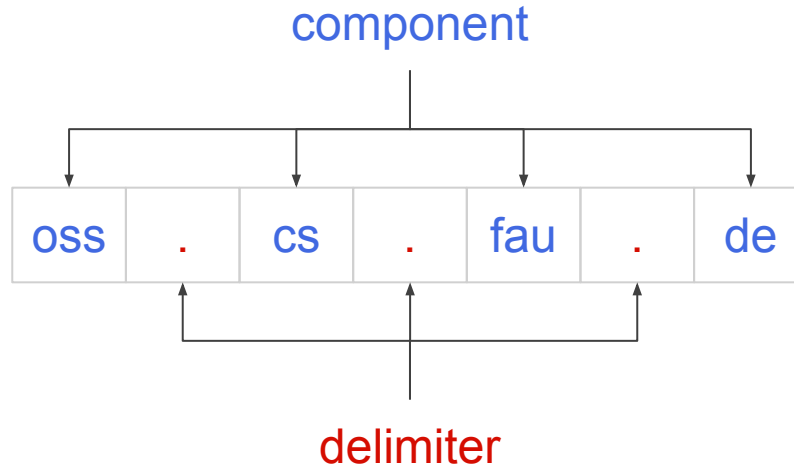
Licensed under [CC BY 4.0 International](https://creativecommons.org/licenses/by/4.0/)

Agenda

- ADAP Names
- Repository setup
- Submission
- Further tips

ADAP Names

- Mandatory homework for the first part of ADAP
- Implement homogeneous names
- Examples:
 - Domains: oss.cs.fau.de
 - File paths: /home/admin



Automated tests

Public tests

- Are visible to you
- Can be executed by yourself

Private tests

- Are not visible to you
- Cannot be executed by yourself

Setup homework repository (adap-names)

Remote setup

- Fork the repository <https://github.com/riehlegroup/adap-names>
- Ensure the repository is public and stays public

Local Setup

- Clone your forked repository to your local machine
- Install dependencies

Example

- `git clone https://github.com/<username>/adap-names`
- `cd adap-names`
- `npm install`

Important files / directories

/src

- Contains the files you need to edit for the homework
- E.g., src/adap-b01/names/Name.ts
- Only the work done in the respective subfolder is graded
 - **⇒ Changes to any other files (e.g. package.json, tsconfig.json, test files) will NOT be reflected in grading and may result in failing tests**

/test

- Contains public test files
- E.g., test/adap-b01/names/Name.test.ts

Test your implementation

Ensure that the project builds

- `npm run build`

Run the public tests

- `npm run test` *# for all exercises*
- `npm run test:b01` *# for exercise B01*

Check the results

```
Test Files  1 failed (1)
Tests      3 failed | 1 passed (4)
```

Submission

Commit and push your submissions before the next lecture

- **Make sure your repository is up-to-date with the upstream repo**
- Your repository must be public
- Only the default branch is graded
- Late uploads are not graded

GitHub shows feedback for public tests (if you enable GitHub Actions)

- This is just a preview and does not necessarily reflect your score
 - All tests (public and private) are run on our infrastructure
 - Our repository setup slightly differs from yours (→ Only change files in the *src* directory!)
- Final feedback at the end of the semester

Send us your repository link

Fill out the following form until the start of the next lecture (2024-10-21, 13:00)

<https://forms.gle/Hu85W6VFrtJPp4kc8>

Helpful resources

- How to fork a repository
<https://docs.github.com/en/pull-requests/collaborating-with-pull-requests/working-with-forks/fork-a-repo>
- TypeScript for the New Programmer
<https://www.typescriptlang.org/docs/handbook/typescript-from-scratch.html>
- TypeScript for Java/C# Programmers
<https://www.typescriptlang.org/docs/handbook/typescript-in-5-minutes-oop.html>
- The TypeScript Handbook
<https://www.typescriptlang.org/docs/handbook/intro.html>

Summary

- ADAP Names
- Repository setup
- Submission
- Further tips

Thank you! Any questions?

adap-team@group.riehle.org – <https://oss.cs.fau.de>

Legal Notices

License

- Licensed under the [CC BY 4.0 International](https://creativecommons.org/licenses/by/4.0/) license

Copyright

- © 2024 Johannes Jablonski, some rights reserved

Public Feedback (1/3) - Overview

The screenshot shows the GitHub Actions interface for a workflow run. The repository is 'joluj / adap-names'. The workflow is 'My commit message #7', which is an automated public test. The run status is 'Failure'. The workflow was triggered via a push 3 minutes ago. The total duration of the run is 22 seconds. The workflow file is 'ci.yml', and it was triggered on a push event. The jobs listed are 'build' (successful) and 'test' (failed). The 'test' job took 11 seconds to complete. The 'build' job took 5 seconds to complete. The 'Summary' tab is selected, showing a list of jobs and their status. The 'Run details' section shows the workflow file and usage information. The 'Re-run jobs' button is visible in the top right corner.

Automated Public Tests

My commit message #7

Re-run jobs

Summary

Jobs

- build
- test

Run details

- Usage
- Workflow file

Triggered via push 3 minutes ago	Status	Total duration	Artifacts
joluj pushed 4c7f373 main	Failure	22s	-

ci.yml
on: push

build	5s
test	11s

Public Feedback (2/3) - Public tests

The screenshot displays the GitHub Actions interface for a workflow run. On the left sidebar, the 'test' job is highlighted with a red 'x' icon, indicating failure. The main panel shows the 'test' job details, which failed 3 minutes ago in 11s. The job steps are listed with their status and duration:

Step	Status	Duration
> Set up job	Success	2s
> Clone Repository	Success	1s
> Setup Node and NPM	Success	0s
> Install Dependencies	Success	1s
> Run tests for exercise B01	Success	0s
> Run tests for exercise B02	Failure	0s
> Run tests for exercise B03	Failure	0s
> Run tests for exercise B04	Failure	0s
> Run tests for exercise B05	Failure	0s
> Run tests for exercise B06	Failure	0s
Post Setup Node and NPM	Success	0s
> Post Clone Repository	Success	0s
> Complete job	Success	0s

The interface includes a search bar for logs and a refresh button. The sidebar also shows options for 'Summary', 'Jobs', 'Run details', 'Usage', and 'Workflow file'.

Public Feedback (3/3) - Inspect failed test

Jobs

- ✓ build
- ✗ test

Run details

- 🕒 Usage
- 📄 Workflow file

Run tests for exercise B02 0s

```
16
17 FAIL test/adap-b02-class-and-interface-design/fake.test.ts > Fake tests > should work but fails
18 AssertionError: expected 3 to be 2 // Object.is equality
19
20 - Expected
21 + Received
22
23 - 2
24 + 3
25
26 > test/adap-b02-class-and-interface-design/fake.test.ts:11:23
27   9|   it("should also work", () => {});
28  10|   it("should work but fails", () => {
29    11|     expect(add(1, 1)).toBe(2);
30      |                       ^
31  12|   });
32  13| });
33
34 -----[1/1]-----
35
36 Test Files  1 failed (1)
37 Tests      1 failed | 2 passed (3)
38 Start at   17:03:36
39 Duration   275ms (transform 45ms, setup 0ms, collect 31ms, tests 9ms, environment 0ms, prepare
74ms)
40
41
42 Error: AssertionError: expected 3 to be 2 // Object.is equality
```