

# Homework Setup

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**ADAP A03**

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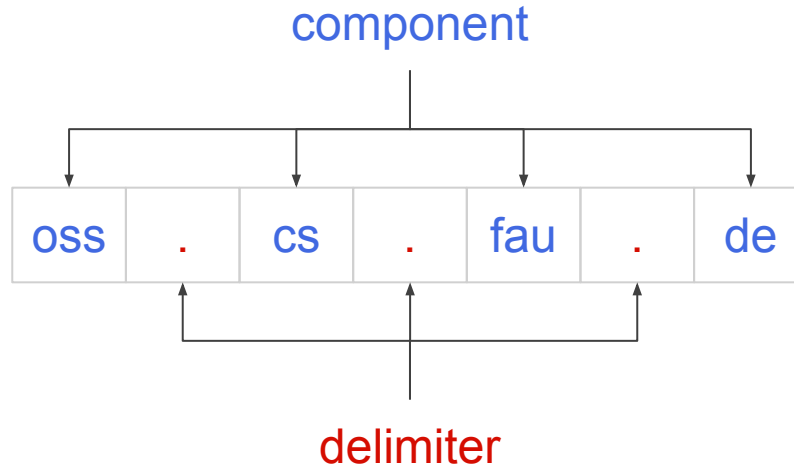
# Agenda

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- 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

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## 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

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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

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- ADAP Names
- Repository setup
- Submission
- Further tips

# Thank you! Any questions?

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[adap-team@group.riehle.org](mailto:adap-team@group.riehle.org) – <https://oss.cs.fau.de>

# Legal Notices

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# Public Feedback (1/3) - Overview

The screenshot shows the GitHub Actions interface for a workflow named 'My commit message #7'. The workflow is triggered by a push to the 'main' branch. The status is 'Failure' with a total duration of 22s. The workflow file is 'ci.yml' and it runs on 'push'. The jobs listed are 'build' (successful) and 'test' (failed). The 'test' job has a duration of 11s. The 'build' job has a duration of 5s. The interface includes a sidebar with navigation links for Code, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The main content area shows the workflow run details, including the status, duration, and artifacts. The 'test' job is highlighted with a red 'x' icon, indicating a failure.

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	<b>Failure</b>	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 as follows:

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

# 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
```