

Exercise Introduction

This sheet covers additional exercise material for the presentation about publishing your own open source code.

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Task 1: Hide your secrets (10 min)

Task Preparation

1. clone [2023-informatik-workshop-publish-code](#)
2. create a venv inside this repository
3. activate the venv
4. install all dependencies
5. download the `bfg repo cleaner` [here](#)

Removing secrets

1. Remove the `ssh` keys from the history using the `bfg repo cleaner`
2. Find the password which was used for the request in `fetch-weather-data.py`
3. Remove this passphrase from the history using the `bfg repo cleaner`

Hints

- You can have a look at the commit history to find the passphrase which was accidentally committed.

Further Reading

- [github: removing sensitive data from a repository](#)
- [bfg repo cleaner: examples](#)

Task 2: CI Pipeline using Github Actions¹ (30 min)