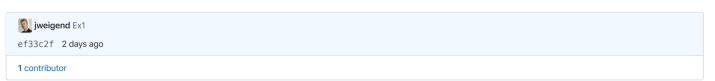
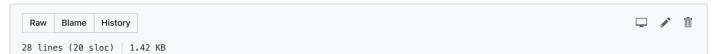
Branch: master ▼

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## © Exercise 1 - Getting Started with Go

If you do not finish during the lecture period, please finish it as homework.

## Setup

- Install Go from http://golang.org inside a virtual disk (.vhdx on Windows or .sparseimage on Mac) in a /software/go subdirectory.
  - Win: https://www.windowscentral.com/how-create-and-set-vhdx-or-vhd-windows-10
  - Mac: https://support.apple.com/de-de/guide/disk-utility/dskutl11888/mac
- Create a Go workspace on the disk in the <>/codebase/gopath directory
  - https://www.youtube.com/watch?v=XCsL89YtqCs
- · Create a shell script (.sh / .cmd) to make your changes to the GOPATH and PATH environment variables persistent.
- Create a Github project with your personal account containing a HelloWorld.go programm
- Use go get github.com/<<YOUR REPO>> to copy the repository into your local GOPATH.
- Add HelloWorld.go to the checkout path and commit / push the file.
- Test the HelloWorld programm with "go run HelloWorld"
- · Optional: Install Visual Studio Code, IntelliJ or any other Editor with Go support inside your virtual disk.

## After this Exercise

- You should know how to compile and run Go code
- You should know about the meaning of the GOPATH and PATH variables
- · You should have a portable Go installation inside a separate disk or directory on your computer
- Your personal Github project is cloned into your workspace. You are able to add, remove and commit files.