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 jweigend Ex1

ef33c2f 2 days ago

1 contributor

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28 lines (20 sloc) | 1.42 KB

## 🔗 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 (.vhd 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.