

Welcome to RecipeHouse Web

Intro

This repo contains source code of web interface of recipehouse services

This web interface uses the Revel framework to achieve those functionalities

Recipe House home page can be accessed via
<http://recipehouse.tk>

A working demo can be accessed via
<http://webdemo.recipehouse.tk>

Instructions of set up

This instruction is based on CentOS 7

Install Go

First make sure Go is installed correctly

- i. Install by executing `sudo yum install go`
- ii. Check if Go is ready by executing `go version`

Set the GOPATH

- i. Make a directory: `mkdir ~/gocode`
- ii. Tell Go to use that as your GOPATH: `export GOPATH=~/gocode`

Install Dependencies

Dependencies

```
- grequests
- echo
- revel
```

Install dependencies

Install dependencies by executing the following commands sequentially

Note

Git has to be installed to allow Go to run properly

```
go get -u github.com/levigross/grequests
```

```
go get -u github.com/labstack/echo/...
```

```
go get github.com/revel/revel
```

```
go get github.com/revel/cmd/revel
```

Add GOPATH/bin to PATH

- ```
export PATH="$PATH:$GOPATH/bin"
```

## Compile the api

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recipehouse api can be compiled by first change the directory to the folder that contains api source code

- ```
cd ~/recipehouse
```
- ```
go build main.go
```

and then execute that generated binary file in BACKGROUND

- ```
./main
```

Compile the webdemo

- Check if revel is installed correctly by executing

```
revel version
```
- then put the whole folder which contains the webdemo source code in GOPATH/src file

```
mv webdemo $GOPATH/src
```
- and change the directory to the folder that contains webdemo source code in GOPATH/src

```
cd $GOPATH/src/webdemo
```
- then execute

```
revel run
```

and now you should have access to recipehouse service via browser :

```
127.0.0.1:9000
```

Notes

two parts for the whole project

recipehouse api

- dependencies:
- grequests
- echo

webdemo

- dependencies:
- grequests
- revel