VinzF

GopherPEDS

A GUI Tool for USPTO PEDS

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GopherPEDS is a tool to access the PEDS System of the US Patent and Trademark Office.

It currently allows for catching the term extension days for an application id, early publication number or patent number. When catching the days it also checks for terminal disclaimer and gives notice about such disclaimer.

It further allows for downloading of full USPTO File Wrappers. Each file of the File Wrapper will be downloaded as separate file in the following format:

```
14567345_2015-07-15T00_00_00.000Z_Claims.pdf

ApplIdFiling_Date&Time_TypeOfDocument.pdf
```

But before you go on `Get Filewrapper ...` you may want to set the directory where your files should be directed to! This is done by clicking `Get Save Directory`, choose the appropriate directory and click on `Open`, the selected directory is then shown above the `Get Save Directory`-Button instead of "$HOME". In case you don't select a target directory, all downloaded files will be saved to your home directory.

The third function allows for just downloading the "latest" claims, which means the youngest pdf file of the File Wrapper with the description "CLAIMS". Before clicking on `Get Latest Claims` you may really want to set a target directory! (ref. above).

Ther is a check box `Turbo` near the bottom, check this box to get insane download speed! By default the program used three simultaneous downloads, by checking the box each file is a download routine (parallel).

There is a progress bar located at the bottom of the main window which show the progress of download operations (not used if only term is requested).

If you are confronted with the unpleasant task of getting the term extension for numerous patents, there is an additional function called `File List Proc.`! This list processor takes an xlsx-File (Excel) and reads the first column of the first table. An Example of a possible table is given as follows:

```
publnos
US2021236729 AA
US2021038163 AA
US9974492 BA
US2019107969 AA
US10272200 BB
```

It gets term extensions and checks for terminal disclaimers for all publication and saves the information to a new table called "TermExtList" in the file containing the publication list.

1. Select the `Get File`-Button to navigate to the correct file.
2. The file name should now be shown in the row of the List processor.
3. Select the `Go List Proc.`-Button to start the list processor.
4. If the terms/disclaimers are downloaded succesfully the word "Success" is shown instead of the file name.

To build the application

Prerequisites:

- You need to have Go 1.16+ (golang.org) installed

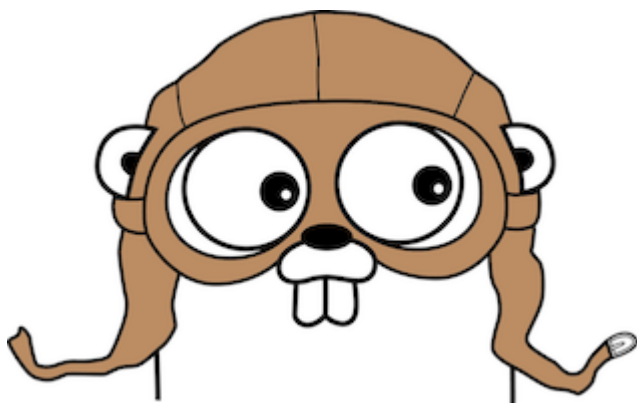- You need to have Fyne (Fyne.io) with cmd installed:

```
go get fyne.io/fyne/v2
go get fyne.io/fyne/v2/cmd/fyne
```

Steps:

1. Clone the repo to your preferred location
2. change into the GopherPEDS directory
3. `go build` the application (may be omitted as Fyne does it as well)
4. `fyne package -icon icon.png -name GopherPEDS -appVersion x.x.x -os yourOS` to package the application (tested on MacOS Big Sur and Win 10 (20H2))

This app has no intention to have any commercial aspect! Use it or change it.

Credits to all GO developers! Credits to the Fyne Team!

... and may your appropriate God bless the **Cheese Makers**!

While this software is released under MIT license, further licenses apply due the use of Go and Go Libraries! The Ypsomed Logo is exclusively owned by Ypsomed AG.

October 2021, Vinz Frauchiger