DosiGUI MacOS Executable

1. MATLAB Runtime 9.9 and DosiGUI installation

Open `DosiGUI_Web_Installer.app`, this operation will start the process of downloading and installing the correct version of *MATLAB Runtime* needed for the application to run. Then the installing process of *DosiGUI* will follow (the installation steps are the same as on Windows operating systems). Is strongly recommended to leave all options on their default settings.

During this operation the user might be required to insert his MacOS password.

2. Deployment

The `run_DosiGUI.sh` file is a shell script for temporarily setting environment variables and executing the application. To run the shell script, open the Mac command prompt (*Terminal*) and type:

```
./run_DosiGUI.sh <mcr_directory> <argument_list>
```

- `<mcr_directory>` is the directory where version 9.9 of the *MATLAB Runtime* is installed or the directory where *MATLAB* is installed on the machine.
- `<argument_list>` is all the arguments you want to pass to your application.

Every time you want to use the application this operation must be repeated.

Example:

- You have *MATLAB Runtime* installed in its default location:

  `/Applications/MATLAB/MATLAB_Runtime/v99`

- You have *DosiGUI* installed in its default location:

  `/Applications/PATROLS/DosiGUI/application`

- Then you can then start the application by typing the following command in the *Terminal*:

  ```
  sudo /Applications/PATROLS/DosiGUI/application/run_DosiGUI.sh /Applications/MATLAB/MATLAB_Runtime/v99
  ```

- At this time the command prompt might require the user to insert his *MacOS* password, then, after a brief loading *DosiGUI* should automatically start.

Notes:

- Output files will be saved in `/Users/YourUsername` and input files must be stored in the same folder. If you don't know how to access to this folder you can simply open the *Finder* application and press the key combination `command+shift+H`.
- After launching *DosiGUI*, the *Terminal* application running on your Mac must stay open. It will also show the progress of your simulation (same writing you'll find in the *logfile*).