

1 Summary

GitHub Link	https://github.com/rdanutalexandru1993/sort_photo
Function Required	Log function (class)
Function Description	Class responsible to print the necessary INFO, WARN, ERROR, DEBUG messages in python

2 How-To

1. Pull from branch
 - (a) Go to https://github.com/rdanutalexandru1993/sort_photo
 - (b) From **Popular Repositories** select **sort_photo**
 - (c) Go to **code**, copy link and run **git clone {link}**
 - * If you don't have git installed go to <https://desktop.github.com/> (probs best to install VIM + LINUX → <https://itsfoss.com/install-linux-in-virtualbox/>)
2. Right click on **sort_photo.py**, open with other application, open with **PyCharm**
3. Go to File > Open File in Project
4. Go to Run > Edit Configurations > Parameters and add the following (might be a bit different for windows):

```
--sourceDir
{PATH_FROM}/testdir/from/
--destDir
{PATH_TO}/testdir/to/
```

* you should be able to run the project now

3 Class Design

Class needs to have an `__init__` method and **INFO**, **WARN**, **ERROR**, **DEBUG**

- **INFO** → should print info messages
- **WARN** → error messages but not critical (script can still run)
- **ERROR** → critical errors that break the script
- **DEBUG** → messages visible only in debug (parameter -debug has been provided)

Class also needs to take a logFile parameter from command line and create the log file in that folder. If parameter is missing → create folder **log** in **HOME**

4 Usage

In order to print a message (any message) function should be called like this:

```
log.INFO("This is an info message")
```

5 Example Output

```
[INFO] |2020.07.24D23:32:40.278004000|This is an info message
```