
daysgrounded Documentation

Release 0.0.17

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daysgrounded allows you to manage your kid's grounded days (simple app for trying Python programming and testing procedures).

Although the code is OS independent, I'm only able to test it in console (Windows Cmd) and Windows GUI.

You shouldn't use this because it's just a fake app for allowing me to try Python programming and testing procedures.

Features:

- Saves a log file with all changes.
- Saves grounded days total per child and last update date.
- Allows changes in CLI and GUI (this last one has different widgets for the same function).

INSTALLATION

```
$ pip install daysgrounded
```

CHAPTER
TWO

USAGE

\$ daysgrounded

OPTIONS

```
$ daysgrounded -h
usage: daysgrounded [-option | child+/-days...]
```

optional arguments:

-h, --help	show this help message and exit
-a, --auto	auto update based on date
-v, --version	show version
-l, --license	shows license
child+/-days	eg. t+1 s-1

No argument starts gui

RESOURCES

- [Repository](#)

CONTRIBUTING

1. Fork the [repository](#) on GitHub.
2. Make a branch of master and commit your changes to it.
3. Ensure that your name is added to the end of the AUTHORS.txt file using the format: Name <email@domain.com> (url), where the (url) portion is optional.
4. Submit a Pull Request to the master branch on GitHub.

5.1 Tutorial

5.1.1 Installation

```
$ pip install daysgrounded
```

5.1.2 Usage

```
$ daysgrounded
```

5.1.3 Options

```
$ daysgrounded -h
usage: daysgrounded [-option | child+/-days...]
```

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-a, --auto	auto update based on date
-v, --version	show version
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5.1.4 Resources

- [Repository](#)

5.1.5 Contributing

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5.2 Reference

5.2.1 __init__.py

Manage child(s) grounded days.

5.2.2 __main__.py

Manage child(s) grounded days.

If there are any command line arguments it calls the cli module. Otherwise the gui module. See usage.txt for command line usage.

```
daysgrounded.__main__.main()  
    Start CLI or GUI
```

5.2.3 cli.py

Processes command line arguments and updates child's records.

```
daysgrounded.cli.auto_upd(chlds, last_upd)  
    Automatic update based on current date vs last update date.
```

```
daysgrounded.cli.man_upd(argv, chlds, last_upd)  
    Manual update based on args.  
  
    First it checks all args and only if all are correct are they processed.
```

```
daysgrounded.cli.print_state(chlds, last_upd)  
    Prints current state for each child.
```

```
daysgrounded.cli.start(argv)  
    Print banner, read/create data & log file and process args.
```

5.2.4 gui.py

Blablabla.

```
daysgrounded.gui.start()  
    Print banner, read/create data & log file and start gui.
```


5.2.5 shared.py

Shared constants and funtions.

`daysgrounded.shared.auto_upd_datafile(childs, last_upd)`
Automatic update based on current date vs last update date.

`daysgrounded.shared.banner()`
Returns banner text.

`daysgrounded.shared.create_file()`
Create new data file and log file.

`daysgrounded.shared.license_()`
Returns license text, read from a file.

`daysgrounded.shared.open_create_datafile()`
Opens datafile if it exists, otherwise creates it.

`daysgrounded.shared.read_file()`
Reads and returns childs and last_upd from the data file.

`daysgrounded.shared.update_file(childs, last_upd)`
Update data file and log file.

The log file creates an history to be used in the future.

`daysgrounded.shared.usage()`
Returns usage text, read from a file.

`daysgrounded.shared.version()`
Returns version.

5.3 License

```
daysgrounded - blablabla
Copyright (C) 2014 Joao Carlos Roseta Matos
```

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5.4 ChangeLog

0.0.17 2014-05-31

Added zip_safe to setup.py.
Added PyPI documentation in dir pythonhosted.org (redirects to ReadTheDocs).
Changed doc\index.rst to include README.rst.
Updated build.bat.
Corrected classifiers in __init__.py. Added ReadTheDocs doc.
Added py_app_ver.py and prep_rst2pdf.py to help build.bat.
Changed build.bat.

Made changes recommended by Pylint.
Changed packaging. Removed globalconf.py.

0.0.16 2014-05-24

Added sphinx and ReadTheDocs documentation.

0.0.15 2014-05-07

Forgot to update globalcfg.py. :)

0.0.14 2014-05-07

build.bat - added cxf and py2exe options.
gui.py - corrected function error.
created cxfreeze_setup.py.
shared.py - corrected data_path for frozen dists.

0.0.13 2014-04-27

Changed `__main__` to call cli or gui modules.
Created `open_create_datafile`, `auto_upd_datafile` and `version` in `shared` module.
Corrected `usage.txt` and `usage_en.txt`.

0.0.12

Forgot to update `CHANGES.txt`. :)

0.0.11 2014-04-21

Corrected `MANIFEST.in`, excluded `venv` from `git`.
Started `cfg` of `cx_freeze` in `setup.py` but it isn't working yet.

0.0.10 2014-04-19

Finalize `py2exe` `cfg`, create `globalcfg.py`.

0.0.9

Correct path used for datafiles and path for modules.

0.0.8

Prepare `setup.py` for `py2exe`, changes to run in both `Py2` and `Py3`.

0.0.7

Add `README.rst`.

0.0.6

Some cleanup.

0.0.5

Updated `README.txt`.

0.0.4

Updated `README.txt`, `CHANGES.txt`, `__init__.py` Trove classifiers, created `AUTHORS.txt`.

0.0.3

Packaging metadata files, fake rst files, start Py3 compat, separate code into sep files.
Added more packaging and build/pub files to ease PyPI integration, added some fake rst.
Created a build.bat to automate process, moved some banner and usage to text files.
Separate code into 3+1 files, changed code to start testing Py3 compatibility.

0.0.2

Changed file struc to match PyPI packaging.

0.0.1 2014-04-18

Basic func, CLI and GUI (Tkinter).

5.5 Code authors

Joao Matos <jcrmatos@gmail.com>

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`daysgrounded.__init__`, [12](#)
`daysgrounded.__main__`, [12](#)
`daysgrounded.cli`, [12](#)
`daysgrounded.gui`, [12](#)
`daysgrounded.shared`, [13](#)