
daysgrounded Documentation

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Joao Carlos Roseta Matos

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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          show license
  child+/-days         eg. t+1 s-1

No arguments starts GUI (Graphical User Interface).
Maximum of 99 days.
```


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.rst file using the format: Name <email@domain.com>
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

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

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Maximum of 99 days.

5.1.4 Resources

- [Repository](#)

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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.rst` file using the format: `Name <email@domain.com>`
4. Submit a Pull Request to the master branch on GitHub.

5.2 Reference

5.2.1 `__init__.py`

Package initialization file.

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5.2.2 `appinfo.py`

Application basic information.

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5.2.3 `cli.py`

Processes command line arguments and updates child's records.

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

`daysgrounded.cli.man_upd(argv, childs, 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(childs, 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 daysgrounded.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.

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

5.2.5 guiTk_func.py

GUI allows setting the grounded days per child or auto update.

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

5.2.6 localization.py

Localization.

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5.2.7 shared.py

Shared constants and functions.

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`daysgrounded.shared.auto_upd_datafile(chlds, 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 chlds and last_upd from the data file.

`daysgrounded.shared.update_file(chlds, 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.

5.2.8 utils.py

Utils library.

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```
daysgrounded.utils.sys_lang()
```

Get system language.

5.3 License

```
daysgrounded - blablabla
Copyright (C) 2014-2015 Joao Carlos Roseta Matos
```

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5.4 ChangeLog

0.0.23 2015-03-24

Reverted the Sphinx theme to 'classic' because otherwise it does not build the html documentation. Opened issue in RTD for them to update their system for the new name ('classic') of the old 'default'

0.0.22 2015-03-24

Reverted the Sphinx theme to the old 'default' because ReadTheDocs isn't compatible yet.

0.0.21 2015-03-24

Updated doc/*.rst and daysgrounded/__init__.py to solve Sphinx problem.

0.0.20 2015-03-24

General code cleanup.
 Cleared `__input__.py`.
 Create `appinfo.py` with basic application information to be used by the application, `setup.py` and `setup.py`.
 Compatibility testing with Py3 and necessary changes. All good now.
 Renamed `build.bat` to `build.cmd`.
 Improved `build.cmd`.
 Improved `setup.py` to be universal.
 Created `setup_utils.py` to aid `build.cmd`.
 Created `utils.py`.
 Added copyright to all source code.
 Updated `MANIFEST.in`.
 and many more.
 BUG: Sphinx docs stopped working.

0.0.19 2014-06-02

Added end user documentation to `.gitignore`.
 Added option `PROJ_TYPE` to `build.bat` to distinguish between modules and applications.
 Added `pythonhosted.org` files to `MANIFEST.in`.
 Changed `__init__.py` to use `glob` to select data files.
 Changed `shared.py` to use `.decode('cp1252')` when reading text files.
 Added options to `py2exe` config in `setup.py`.

0.0.18 2014-05-31

Cleanup several files.
 Fill some Docstrings.
 Translation to English.

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 `cx` 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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