porcello user manual

Release 1.0.0

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Contents

Python DatalasetWebApp library usage

1.1 Project's documentation

The porcello provide simple skeleton for a pythons discord bot.

Refer to the discrod.py library documentation for the API used.

1.1.1 documents

- porcello Usage (this project): porcello.pdf [USER GUIDE]
- database schema: database_schema_v12.pdf
- project's source code available from: porcello git repository

1.1.2 project files

Files from this repository:

- porcello/porcello.py: Project's file
- requirements.txt: needed packages to build the application
- script_pycharm: Script files to automate build/clean processes (PyCharm version)
- script_linux: Script files to automate build/clean processes (linux version)
- docs/: HTML/PDF documentation directory
- tests/: Unit test scripts
- LICENSE: license file
- README.md: this file

1.1.3 scripts

Inside `script_pycharm` directory there is a script's collection to automate common processes

install requirements

Install requirements from Terminal of PyCharm with:

      script_pycharminstall_requirements.bat

build documentation

Build html/pdf documentations from Terminal of PyCharm with:

      script_pycharmmake_docs.bat

execute unit tests

Execute unit test from Terminal of PyCharm with:

      script_pycharmmake_tests.bat

clean directories

Clean directories from Terminal of PyCharm with:

      script_pycharmmake_clean.bat

1.1.4 IMPORTANT DEVELOPER NOTE

In other to release a new version for an upgrade or a bug-fix please follow below steps do not miss something:

1. Get last version of *develop* branch from git repository

2. Update *revision* number saved on following files:

   •   docs/source/conf.py

   •   porcello/porcello.py

3. Create new entry on `CHANGELOG.md` file for new release with change info

4. Make you changes on source code to integrate the new library

5. Add/update test files on `tests` directory

6. Repeat "*porcello*" program since you not have fix all issues

7. Update this project documentation (check all links)

8. Build documentation with "*make docs*" script

9. Check new version of `porcello.pdf` document

10. Clean directories with "*make clean*" script

11. Commit changes to *develop* and push to origin

12. Merge (fast-forward) the *develop* branch into *master* branch

13. Tag the *master* branch with the released version number

14. Check GIT repository from browser interface

15. Notify new version to users

1.2 Release notes

All notable changes to this project will be documented in this file.

To make changes to this project please follow steps on IMPORTANT DEVELOPER NOTE from `README.md`

1.2.1 Release 1.0.1 (2020-10-14)

Changelog 1.0.1

Implemented enhancements:

- tbd

Fixed bugs:

- tbd

Closed issues:

- *none*

1.2.2 1.0.1

1.2.3 Release 1.0.0 (2020-10-08)

- First release

porcello

2.1 porcello module

porcello.py: Execute porcello from command-line.

> **synopsis** Execute porcello from command-line.
>
> **platform** Unix, Windows

`porcello.`**`main`** `( )`
    Example: Execute porcello.
    Execute porcello.

> **Returns**   0 for success, >0 otherwise.
>
> **Return type** int