
KwPBar for Python Documentation

Release 0.2.1

Sep 03, 2018

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`pbar(value, max)`

Parameters

- `value` (*int/float*) – current value of progress bar
- `max` (*int/float*) – maximum value of the progress bar

Raises `ValueError`

Print a progress bar to the screen (stderr).

`erase_pbar()`

Erase the progress bar from the screen.

`get_termlength()`

Returns terminal length, or 80

Return type `int`

Return terminal length, internal helper function.

CHAPTER 1

See also

KwPBar for C

2.1 KwPBar for Python

Info This is the README file for KwPBar.

Author Chris Warrick <chris@chriswarrick.com>

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Date 2018-09-03

Version 0.2.1

A simple progress bar for Python programs.

2.1.1 INSTALLATION

```
pip install kwobar
```

2.1.2 USAGE

import kwobar in your program.

The following functions are available:

- `get_termlength()` → return terminal length (columns); helper function
- `pbar(value, max)` → print a progress bar to the screen (stderr). Can raise ValueError.
- `erase_pbar()` → erase the progress bar from the screen

2.1.3 DEMO

```
python -m kwobar.demo
```

2.1.4 SEE ALSO

KwPBar for C

2.1.5 COPYRIGHT

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2.2 Appendix A. Contribution rules

Info Those are the contribution rules for KwPBar.

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Do you want to contribute to this project? Great! I’d love to see some help, but you must comply with some rules.

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in RFC 2119.

2.2.1 Issue reporting

GitHub Issues are the recommended way to report an issue.

When pasting console sessions, you must paste them fully, *prompt-to-prompt*, to see all the messages and your input. Trim only stuff that you are 1000% sure that is not related to the project in question.

2.2.2 General preparations, rules and pull process

Prepare

A GitHub account is recommended. Patches by e-mail are accepted, but I'd prefer to work via GitHub.

Rules

1. Commits must have short, informative and logical messages. Signoffs and long messages are recommended. "Fix #xxx" is required if an issue exists.
2. The following fancy Unicode characters should be used when needed: - “ ” ‘ ’. ... should not appear in console output, but may appear elsewhere.
3. For Python code, use the PEP 8 coding style and PEP 257 documentation style. For other languages, K&R style applies. Braces are mandatory in all blocks (even one-line blocks). Braces are on the same lines as class names and function signatures. Use 4-space indents.

Request a Pull

Done? Go hit the **Pull Request** button over on GitHub! Your request should be accepted shortly (assuming there are no major errors).

2.3 Appendix B. License for KwPBar for Python

Info This is the license for KwPBar for Python.

Author Chris Warrick <chris@chriswarrick.com>

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Date 2018-09-03

Version 0.2.1

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2.4 Appendix C. Changelog

Info This is the changelog for KwPBar for Python.

Author Chris Warrick <chris@chriswarrick.com>

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Date 2018-09-03

Version 0.2.1

2.4.1 GitHub holds releases, too

More information can be found on GitHub in the [releases section](#).

2.4.2 Version History

0.2.1

- Do not report negative terminal widths
- Run tests on 3.5 and 3.6

0.2.0

- Replace subprocess call with `shutil.get_terminal_size` (on compatible platforms)

0.1.1

- Add missing MANIFEST.in file

0.1.0 Initial release.

0.2.1

- Do not report negative terminal widths
- Run tests on 3.5 and 3.6

0.2.0

- Replace subprocess call with `shutil.get_terminal_size` (on compatible platforms)

0.1.1

- Add missing MANIFEST.in file

0.1.0 Initial release.

CHAPTER 3

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