
compare50 Documentation

CS50

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1.1 compare50

1.2 compare50.passes

1.3 compare50.preprocessors

1.4 compare50.comparators

TODO

CHAPTER 2

Installation

First make sure you have Python 3.6 or higher installed. You can download Python .

To install compare50 under Linux / OS X:

```
pip install compare50
```

Under Windows, please . Then install compare50 within the subsystem.

Usage

Usage:

```
usage: compare50 [-h] [-a ARCHIVE [ARCHIVE ...]] [-d DISTRO [DISTRO ...]]
                [-p PASSES [PASSES ...]] [-i INCLUDE [INCLUDE ...]]
                [-x EXCLUDE [EXCLUDE ...]] [--list] [-o OUTPUT] [-v]
                [-n MATCHES] [--profile] [--debug]
                submissions [submissions ...]

positional arguments:
  submissions          Paths to submissions to compare

optional arguments:
  -h, --help          show this help message and exit
  -a ARCHIVE [ARCHIVE ...], --archive ARCHIVE [ARCHIVE ...]
                    Paths to archive submissions. Archive submissions are
                    not compared against other archive submissions, only
                    against regular submissions.
  -d DISTRO [DISTRO ...], --distro DISTRO [DISTRO ...]
                    Paths to distribution files. Contents of these files
                    are stripped from submissions.
  -p PASSES [PASSES ...], --passes PASSES [PASSES ...]
                    Specify which passes to use. compare50 ranks only by
                    the first pass, but will render views for every pass.
  -i INCLUDE [INCLUDE ...], --include INCLUDE [INCLUDE ...]
                    Globbing patterns to include from every submission.
                    Includes everything (*) by default. Make sure to quote
                    your patterns to escape any shell globbing!
  -x EXCLUDE [EXCLUDE ...], --exclude EXCLUDE [EXCLUDE ...]
                    Globbing patterns to exclude from every submission.
                    Nothing is excluded by default. Make sure to quote
                    your patterns to escape any shell globbing!
  --list              List all available passes and exit.
  -o OUTPUT, --output OUTPUT
                    location of compare50's output
```

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<code>-v, --verbose</code>	display the full tracebacks of any errors
<code>-n MATCHES</code>	number of matches to output
<code>--profile</code>	profile compare50 (development only, requires line_profiler, implies debug)
<code>--debug</code>	don't run anything in parallel, disable progress bar

TODO