
Benchupload Documentation

Release 1

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Contents

1	About	3
1.1	Features	3
1.2	Options	3
2	Supported CIs	5
2.1	Circleci	5
2.2	Travis-CI	5
2.3	Smalltalk CI example	6
2.4	Project example	6
3	Indices and tables	7

Contents:

`benchupload` is a small Python utility that can be used to find and upload xUnit files to bob-bench.org from a continuous integration build. In the future more than xUnit will be supported. It is known to work with Python 2.7, Python 3.3 or later.

Features

The xUnit file will be analyzed and stored for future analysis. A `badge` can be generated that will show the amount of tests (or failures) on a project page. On the bob-bench.org website one can browse results and look at the output.

Options

The utility has a limited amount of arguments. These include the URL of the upload server and the base directory to search for xUnit files.

-h, --help	Show this help message and exit
--dir=DIR	Start in this directory to search for xUnit files
--url=URL	Upload URL

CHAPTER 2

Supported CIs

Currently the [circleci](#) and [travis-ci](#) service are supported. In the future we will add detection for more services. Please inform us about your demand.

Circleci

Circleci is continuous integration platform with good docker integration. One needs to install the benchupload utility and then upload the result. The circle.yml file needs to be changed to include the following:

```
dependencies:
  post:
    - pip install benchupload
test:
  post:
    - python -mbenchupload --dir=$CIRCLE_TEST_REPORTS
```

Travis-CI

Travis-CI is the first supported system and used during the development of the [bob-bench.org](#) service. One needs to use pip install to install the benchupload utility and then upload the result. The .travis.yml file needs to be changed to include the following:

```
after_script:
  - pip install --user benchupload && python -mbenchupload
```

Smalltalk CI example

If smalltalk-ci is used benchupload should search different directories for the xUnit files. This can be done by using the `--dir=` option. The `.travis.yml` file needs to be modified to look like:

```
after_script:
- pip install --user benchupload && python -mbenchupload --dir=$SMALLTALK_CI_HOME
```

Project example

The [moiji-mobile SMSC](#) is hosted on github, using travis-ci for CI and bob-bench to track the test execution.

CHAPTER 3

Indices and tables

- `genindex`
- `search`