
virtualenvwrapper.project Documentation

Release 1.2

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virtualenvwrapper.bitbucket is a template for [virtualenvwrapper](#) to extend its project-management features. It automatically clones a [BitBucket](#) repository when creating a new project directory.

Example

```
$ mkproject -t bitbucket virtualenvwrapper.bitbucket
New python executable in virtualenvwrapper.bitbucket/bin/python
Installing distribute.....
.....
.....
virtualenvwrapper.user_scripts Creating /Users/dhellmann/.virtualenvs/virtualenvwrapper.bitbucket/bin
virtualenvwrapper.user_scripts Creating /Users/dhellmann/.virtualenvs/virtualenvwrapper.bitbucket/bin
virtualenvwrapper.user_scripts Creating /Users/dhellmann/.virtualenvs/virtualenvwrapper.bitbucket/bin
virtualenvwrapper.user_scripts Creating /Users/dhellmann/.virtualenvs/virtualenvwrapper.bitbucket/bin

Creating /Users/dhellmann/Devel/virtualenvwrapper.bitbucket
Applying template bitbucket
virtualenvwrapper.bitbucket Cloning ssh://hg@bitbucket.org/dhellmann/virtualenvwrapper.bitbucket
requesting all changes
adding changesets
adding manifests
adding file changes
added 3 changesets with 10 changes to 8 files
updating to branch default
8 files updated, 0 files merged, 0 files removed, 0 files unresolved
(virtualenvwrapper.bitbucket) $ ls
virtualenvwrapper.bitbucket
(virtualenvwrapper.bitbucket) $ cat virtualenvwrapper.bitbucket/.hg/hgrc
[paths]
default = ssh://hg@bitbucket.org/dhellmann/virtualenvwrapper.bitbucket
```


2.1 Installation

2.1.1 Basic Installation

`virtualenvwrapper.bitbucket` should be installed using `pip`:

```
$ pip install virtualenvwrapper.bitbucket
```

You will want to install it into the same Python site-packages area where `virtualenv`, `virtualenvwrapper`, and `virtualenvwrapper.project` are located. You may need administrative privileges to do that. Refer to the [virtualenvwrapper documentation](#) for configuration instructions for `virtualenvwrapper`.

2.1.2 VIRTUALENVWRAPPER_BITBUCKET_USER

The variable `VIRTUALENVWRAPPER_BITBUCKET_USER` tells `virtualenvwrapper.bitbucket` what username to use when connecting to BitBucket. The default is to use the name of the current system user (`$USER`).

If your local system user and BitBucket account name are not the same, you will want to add a line like:

```
export VIRTUALENVWRAPPER_BITBUCKET_USER=username
```

to your shell startup file.

2.2 For Developers

If you would like to contribute to `virtualenvwrapper.bitbucket` directly, these instructions should help you get started. Patches, bug reports, and feature requests are all welcome through the [BitBucket project site](#). Contributions in the form of patches or pull requests are easier to integrate and will receive priority attention.

2.2.1 Building Documentation

The documentation for `virtualenvwrapper.bitbucket` is written in reStructuredText and converted to HTML using Sphinx. The build itself is driven by `make`. You will need the following packages in order to build the docs:

- Sphinx
- docutils

Once all of the tools are installed into a virtualenv using `pip`, run `make html` to generate the HTML version of the documentation.

2.2.2 Running Tests

The test suite for `virtualenvwrapper.bitbucket` uses `shunit2` and `tox`. To run the tests under `bash`, `sh`, and `zsh`, run `tox` from the top of the source tree. To add new tests, modify or create an appropriate script in the `tests` directory.

2.3 Release History

1.2

- Repackaged the documentation
- Updated the installation requirements to look for `virtualenvwrapper >= 2.9`.

1.1

- Change the local name for the source directory to match the project directory name instead of always using “src”.

1.0

- First public release.

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