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hg-github is a [Mercurial](#) extension that wraps [hg-git](#), and supports a work-flow where repositories are hosted on [Bitbucket](#) and mirrored on [GitHub](#). This work-flow normally requires adding Git paths to each repository's config file, and creating Mercurial bookmarks pointing to the GitHub repository's branch name. hg-github takes care of these for you automatically. hg-github is [BSD licensed](#).

CHAPTER 1

Installation

The easiest way to install hg-github is directly from [PyPi](#) using [pip](#) or [setuptools](#) by running the respective command below:

```
$ pip install -U hg-github
```

or:

```
$ easy_install -U hg-github
```

Otherwise you can download hg-github and install it directly from source:

```
$ python setup.py install
```

Once installed, add `hggithub` to the extensions section in your global `.hgrc` file:

```
[extensions]
hggithub =
```

Note that there isn't a dash in `hggithub` in your `.hgrc` file. You also don't need to add the `hg-git` extension, as it is wrapped and used automatically by `hg-github`.

Once installed, assuming the default remote location of your repository is on Bitbucket, the GitHub path is automatically added and given the name `github`, so you can push to it with the following command:

```
$ hg push github
```


CHAPTER 2

Repository Paths

As mentioned above, the GitHub path is given the name `github` when the default remote location is on Bitbucket. For other named Bitbucket locations, the name `github-NAME` is given, where `NAME` is the name of the path located on BitBucket. For example consider the following `.hg/hgrc` repo config:

```
[paths]
default = ssh://hg@bitbucket.org/stephenmcd/hg-git
somefork = ssh://hg@bitbucket.org/stephenmcd/hg-git-temp
```

`hg-git` will add entries to the config file as follows. Note that the config file isn't actually written to:

```
[paths]
default = ssh://hg@bitbucket.org/stephenmcd/hg-github
somefork = ssh://hg@bitbucket.org/stephenmcd/hg-github-temp

github = git+ssh://git@github.com/stephenmcd/hg-github.git
github-somefork = git+ssh://git@github.com/stephenmcd/hg-github-temp.git
```


CHAPTER 3

GitHub Username

`hg-github` assumes you have the same username on GitHub and Bitbucket. If you have a different GitHub username, you can specify it by adding the following section to your global `.hgrc` file. For example my GitHub username is `stephenmcd`:

```
[github]
username = stephenmcd
```