



bilbo Documentation

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Commands to help build and maintain a gollum wiki.

Installation

The easiest way to install bilbo is to use `pip`:

```
pip install bilbo
```

Or you can clone the [github repo](#) and install from a local version of the code:

```
git clone git@github.com:thespacedoctor/bilbo.git
cd bilbo
python setup.py install
```

To upgrade to the latest version of bilbo use the command:

```
pip install bilbo --upgrade
```

1.1 Development

If you want to tinker with the code, then install in development mode. This means you can modify the code from your cloned repo:

```
git clone git@github.com:thespacedoctor/bilbo.git
cd bilbo
python setup.py develop
```

[Pull requests](#) are welcomed!

1.2 Issues

Please report any issues [here](#).

Usage

```
bilbo template [-s <pathToSettingsFile>]
bilbo tasks [-s <pathToSettingsFile>]
bilbo tidy [-s <pathToSettingsFile>]
bilbo scaffold [-s <pathToSettingsFile>]
```

template	populate the wiki with template content and cleanup file names
tasks	add projects from wikis to taskpaper files to keep track of project tasks
tidy	tidy up the gollum wiki, updating lists, sidebars, footer, headers, cleaning f
scaffold	add and maintain sidebars, footers, headers and various listing pages in a gol
-h, --help	show this <code>help</code> message
-s, --settings	the settings file

Documentation

Documentation for bilbo is hosted by [Read the Docs](#) (last stable version and latest version).

Tutorial

Todo

- add tutorial
-

Installation

The easiest way to install bilbo is to use `pip`:

```
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Or you can clone the [github repo](#) and install from a local version of the code:

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```

To upgrade to the latest version of bilbo use the command:

```
pip install bilbo --upgrade
```

5.1 Development

If you want to tinker with the code, then install in development mode. This means you can modify the code from your cloned repo:

```
git clone git@github.com:thespacedoctor/bilbo.git
cd bilbo
python setup.py develop
```

[Pull requests](#) are welcomed!

5.2 Issues

Please report any issues [here](#).

Usage

```
bilbo template [-s <pathToSettingsFile>]
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template	populate the wiki with template content and cleanup file names
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Tutorial

Todo

- add tutorial
-

8.1 Subpackages

bilbo
bilbo.commonutils

8.1.1 bilbo (*subpackage*)

8.1.2 bilbo.commonutils (*subpackage*)

8.2 Modules

bilbo.cl_utils Documentation for bilbo can be found here: <http://bilbo.readthedocs.org/en/stable>
bilbo.utKit

8.2.1 bilbo.cl_utils (*module*)

Documentation for bilbo can be found here: <http://bilbo.readthedocs.org/en/stable>

Usage: bilbo template [-s <pathToSettingsFile>] bilbo tasks [-s <pathToSettingsFile>] bilbo tidy [-s <pathToSettingsFile>] bilbo scaffold [-s <pathToSettingsFile>]

template populate the wiki with template content and cleanup file names tasks add projects from wikis to taskpar files to keep track of project tasks tidy tidy up the gollum wiki, updating lists, sidebars, footer, headers, cleaning filenames and md metadata scaffold add and maintain sidebars, footers, headers and various listing pages in a gollum wiki -h, -help show this help message -s, -settings the settings file

`bilbo.cl_utils.main` (*arguments=None*)

The main function used when “cl_utils.py” is run as a single script from the cl, or when installed as a cl command

8.2.2 bilbo.utKit (module)

class bilbo.utKit.**utKit** (moduleDirectory)
Override dryx utKit

8.3 Classes

<i>bilbo.scaffold</i>	<i>Generate and maintain all of the scaffolding for gollum – blogging workflow, listings, tag page etc</i>
<i>bilbo.tasks</i>	<i>Add projects from wikis to taskpaper files to keep track of project tasks</i>
<i>bilbo.templates</i>	<i>Add template files and folders into new Gollum wiki projects and directories</i>
<i>bilbo.tidy</i>	<i>Tidy up gollum wiki(s) by cleaning filenames, removing cruft, fixing metadata etc</i>
<i>bilbo.utKit.utKit</i>	<i>Override dryx utKit</i>

8.3.1 bilbo.scaffold (class)

class bilbo.**scaffold** (log, settings=False)
Generate and maintain all of the scaffolding for gollum – blogging workflow, listings, tag page etc

Key Arguments:

- log – logger
- settings – the settings dictionary

Usage:

```
from bilbo import scaffold
builder = scaffold(
    log=log,
    settings=settings
)
builder.get()
```

__init__ (log, settings=False)

Methods

__init__ (log[, settings])	
create_blog_listings (wikiRoot)	<i>Create listings of blogged, undecided and never to be blogged pages in gollum wiki</i>
create_tag_listings (wikiRoot)	<i>Create listings of tags and untagged pages in gollum wiki</i>
get ()	<i>Generate and maintain all of the scaffolding for gollum – blogging workflow, listings, tag page etc</i>
update_root_home_pages (rootDirectory)	<i>Add and update the catalogory pages in gollum wiki (root folders)</i>
update_root_sidebar (rootDirectory)	<i>Add links to the gollum sidebar</i>

8.3.2 bilbo.tasks (class)

class bilbo.**tasks** (log, settings=False)
Add projects from wikis to taskpaper files to keep track of project tasks

Key Arguments:

- log – logger

- settings – the settings dictionary

Usage:

```
from bilbo import tasks
this = tasks(
    log=log,
    settings=settings
)
this.get()
```

`__init__(log, settings=False)`

Methods

<code>__init__(log[, settings])</code>	
<code>get()</code>	Return:

8.3.3 bilbo.templates (class)

class bilbo.**templates** (log, settings=False)

Add template files and folders into new Gollum wiki projects and directories

Key Arguments:

- log – logger
- settings – the settings dictionary

Usage:

```
from bilbo import templates
templates(
    log=log,
    settings=settings
).get()
```

`__init__(log, settings=False)`

Methods

<code>__init__(log[, settings])</code>	
<code>get()</code>	<i>populate the wiki with template content</i>

8.3.4 bilbo.tidy (class)

class bilbo.**tidy** (log, settings=False)

Tidy up gollum wiki(s) by cleaning filenames, removing cruft, fixing metadata etc

Key Arguments:

- log – logger
- settings – the settings dictionary

Usage:

To trigger all of the tidy methods in one go:

```
from bilbo import tidy
scrubber = tidy(
    log=log,
    settings=settings
)
scrubber.get()
```

`__init__(log, settings=False)`

Methods

<code>__init__(log[, settings])</code>	
<code>add_excerpt_marker(rootDirectory)</code>	<i>add excerpt marker</i>
<code>clean_filenames(rootFolder)</code>	<i>Cleanup preexisting wiki file and folder names</i>
<code>clean_markdown_metadata(wikiRoot, wikiName)</code>	<i>clean up the markdown metadata in all MD files</i>
<code>get()</code>	<i>trigger the tidy object</i>
<code>move_files_to_category_folders(wikiRoot[, ...])</code>	<i>Move files from projects and scratch areas whenever the category is changed</i>
<code>rename_markdownfile_files_to_metadata_title(...)</code>	<i>Rename markdown files to match the title in their metadata</i>
<code>transfer_pages_between_wikis(wikiRoot, wikiName)</code>	<i>Transfer pages and folders between wikis if the wiki keyword is found</i>

8.3.5 bilbo.utKit.utKit (class)

`class bilbo.utKit.utKit(moduleDirectory)`

Override dryx utKit

`__init__(moduleDirectory)`

Methods

<code>__init__(moduleDirectory)</code>	
<code>setupModule()</code>	<i>The setupModule method</i>
<code>tearDownModule()</code>	<i>The tearDownModule method</i>

8.4 Functions

`bilbo.cl_utils.tab_complete`

8.4.1 bilbo.cl_utils.tab_complete (function)

`bilbo.cl_utils.tab_complete(text, state)`

8.5 Indexes

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8.6 Todo

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