
bodhi Documentation

Release 2.3.3

Luke Macken

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Contents:

Synopsis

`bodhi` COMMAND SUBCOMMAND [OPTIONS] [ARGS]...

Description

`bodhi` is the command line interface to bodhi, Fedora's update release management system. It can be used to create or modify updates and overrides.

Options

Most of the commands will accept these three options:

`--help`

Show help text and exit.

`--password <text>`

A password to authenticate as the user given by `--user`.

`--staging`

Use the staging bodhi instance instead of the production instance.

`--user <username>`

Many commands accept this flag to specify which user's updates should be operated upon.

`--version`

Show version and exit. Not accepted by subcommands.

Commands

There are two commands, `overrides` and `updates`. They are described in more detail in their own sections below.

```
bodhi overrides <subcommand> [options] [args]
```

Provides commands to aid in management of build overrides. Supports subcommands `query` and `save`, described below.

```
bodhi updates <subcommand> [options] [args]
```

Provides an interface to manage updates. Supports subcommands `comment`, `download`, `new`, `query`, and `request`, described below.

Overrides

The `overrides` command allows users to manage build overrides.

```
bodhi overrides query [options]
```

The `query` subcommand provides an interface for users to query the bodhi server for existing overrides.

```
bodhi overrides save [options] <nvr>
```

Save the build root given by `<nvr>` as a buildroot override. The `save` subcommand supports the following options:

```
--duration <days>
```

The number of days the override should exist, given as an integer.

```
--notes <text>
```

Notes on why this override is in place.

Updates

The `updates` command allows users to interact with bodhi updates.

```
bodhi updates comment [options] <update> <text>
```

Leave the given text as a comment on a bodhi update. The `comment` subcommand supports the following options:

```
--karma [+1 | 0 | -1]
```

The karma value you wish to contribute to the update.

```
bodhi updates download [options]
```

Download update(s) given by CVE(s), ID(s), or NVR(s). One of `--cves`, `--updateid`, or `builds` is required. The `download` subcommand supports the following options:

```
--cves <cves>
```

A comma-separated list of CVEs that identify updates you would like to download.

```
--updateid <ids>
```

A comma-separated list of update IDs you would like to download.


```
--builds <nvrs>
```

A comma-separated list of NVRs that identify updates you would like to download.

```
bodhi updates new [options] <builds>
```

Create a new bodhi update containing the builds, given as a comma separated list of NVRs. The `new` subcommand supports the following options:

```
--type [security | bugfix | enhancement | newpackage]
```

The type of the new update.

```
--notes <text>
```

The description of the update.

```
--notes-file <path>
```

A path to a file containing a description of the update.

```
--bugs <bugs>
```

A comma separated list of bugs to associate with this update.

```
--close-bugs
```

If given, this flag will cause bodhi to close the referenced bugs automatically when the update reaches stable.

```
--request [testing | stable | upush]
```

The repository requested for this update.

```
--autokarma
```

Enable autokarma for this update.

```
--stable-karma <integer>
```

Configure the stable karma threshold for the given value.

```
--unstable-karma <integer>
```

Configure the unstable karma threshold for the given value.

```
--suggest [logout | reboot]
```

Suggest that the user logout or reboot upon applying the update.

```
--file <path>
```

A path to a file containing all the update details.

```
bodhi updates query [options]
```

Query the bodhi server for updates. The `query` subcommand supports the following options:

```
--updateid <id>
```

Query for the update given by id.

```
--approved-since <timestamp>
```

Query for updates approved after the given timestamp.

```
--modified-since <timestamp>
```

Query for updates modified after the given timestamp.

```
--builds <builds>
```

Query for updates containing the given builds, given as a comma-separated list.

--bugs <bugs>

Query for updates related to the given bugs, given as a comma-separated list.

--critpath

Query for updates submitted for the critical path.

--cves <cves>

Query for updates related to the given CVEs, given as a comma-separated list.

--packages <packages>

Query for updates related to the given packages, given as a comma-separated list.

--pushed

Query for updates that have been pushed.

--pushed-since <timestamp>

Query for updates that have been pushed after the given timestamp.

--releases <releases>

Query for updates related to a list of releases, given as a comma-separated list.

--locked

Query for updates that are currently locked.

--request [testing | stable | unpush]

Query for updates marked with the given request type.

--submitted-since <timestamp>

Query for updates that were submitted since the given timestamp.

--status [pending | testing | stable | obsolete | unpushed | processing]

Filter by status.

--suggest [logout | reboot]

Filter for updates that suggest logout or reboot to the user.

--type [newpackage | security | bugfix | enhancement]

Filter by update type.

--user <username>

Filter for updates by the given username.

`bodhi updates request [options] <update> <state>`

Request that the given update be changed to the given state. `update` should be given by update id, and `state` should be one of testing, stable, unpush, obsolete, or revoke.

Bugs

If you find bugs in bodhi (or in the mage page), please feel free to file a bug report or a pull request:

<https://github.com/fedora-infra/bodhi>

2.3.3

Bodhi 2.3.3 converts koji auth to be done with krb5 and fixes one bug:

- Use krb5 for koji (#1129).
- Disable caching koji sessions during mashing process (#1134).

Thanks to Patrick Uiterwijk for contributing both of these commits!

2.3.2

Bodhi 2.3.2 is a bugfix release that addresses the following issues:

- `push.py` now defaults to the current releases (#1071).
- Fixed a typo in the masher in sending an ostree compose message (#1072).
- Fixed a typo in looking up an e-mail template (#1073).
- The fedmsg name is now passed explicitly (#1079).
- The man page was corrected to state that builds should be comma separated (#1095).
- Fixed a race condition between robosignatory and the signed handler (#1111).
- Fix querying the updates for resumption in `push.py` (e7cb3f13).
- `push.py` now prompts for the username if not given (abeca57e).

Release contributors

The following contributors authored patches for 2.3.2:

- Patrick Uiterwijk

- Randy Barlow

2.3.1

Bodhi 2.3.1 fixes #1067, such that edited updates now tag new builds into the `pending_signing_tag` instead of the `pending_testing_tag`. This is needed for automatic signing gating to work.

2.3.0

Bodhi 2.3.0 is a feature and bug fix release.

Features

- The package input field is now autofocused when creating new updates (#876).
- Releases now have a `pending_signing_tag` (3fe3e219).
- `fedmsg` notifications are now sent during `ostree` compositions (b972cad0).
- Critical path updates will have `autopush` disabled if they receive negative karma (b1f71006).
- The e-mail templates reference `dnf` for Fedora and `yum` for Enterprise Linux (1c1f2ab7).
- Updates are now obsoleted if they reach the unstable threshold while pending (f033c74c).
- Bodhi now gates Updates based on whether they are signed yet or not (#1011).

Bugs

- Candidate builds and bugs are no longer duplicated while searching (#897).
- The Bugzilla connection is only initialized when needed (950eee2c).
- A sorting issue was fixed on the metrics page so the data is presented correctly (487acaaf).
- The Copyright date in the footer of the web interface is updated (1447b6c7).
- Bodhi will comment with the required time instead of the elapsed time on updates (#1017).
- Bodhi will only comment once to say that non-`autopush` updates have reached the threshold (#1009).
- `/masher/` is now allowed in addition to `/masher` for GET requests (cdb621ba).

Dependencies

Bodhi now depends on `fedmsg-atomic-composer >= 2016.3`, which addresses a few issues during mashing.

Development improvements

Bodhi 2.3.0 also has a few improvements to the development environment that make it easier to contribute to Bodhi or improve Bodhi's automated tests:

- Documentation was added to describe how to connect development Bodhi to staging Koji (7f3b5fa2).

- An unused `locked_date_for_update()` method was removed ([b87a6395](#)).
- The `development.ini.example` `base_address` was changed to `localhost` so requests would be allowed ([0fd5901d](#)).
- The `setup.py` file has more complete metadata, making it more suitable for submission to PyPI ([5c201ac2](#)).
- The `#bodhi` and `#fedora-apps` channels are now documented in the `readme` file ([52093069](#)).
- A new test has been added to enforce PEP-8 style and a few modules have been converted to conform ([bbafc9e6](#)).

Release contributors

The following contributors authored patches for 2.3.0:

- Josef Sukdol
- Julio Faracco
- Patrick Uiterwijk
- Randy Barlow
- Richard Fearn
- Trishna Guha

2.2.4

This release fixes two issues:

- [#989](#), where Karma on non-autopush updates would reset the request to None.
- [#994](#), allowing Bodhi to be built on `setuptools-28`.

2.2.3

This release fixes [#951](#), which prevented updates with large numbers of packages to be viewable in web browsers.

2.2.2

This is another in a series of bug fix releases for Bodhi this week. In this release, we've fixed the following issues:

- Disallow comment text to be set to the NULL value in the database ([#949](#)).
- Fix autopush on updates that predate the 2.2.0 release ([#950](#)).
- Don't wait on mashes when there aren't any ([68de510c](#)).

2.2.1

Bodhi 2.2.1 is a bug fix release, primarily focusing on mashing issues:

- Register date locked during mashing ([#952](#)).
- UTF-8 encode the `updateinfo` before writing it to disk ([#955](#)).

- Improved logging during updateinfo generation (#956).
- Removed some unused code (07ff664f).
- Fix some incorrect imports (9dd5bdbc and b1cc12ad).
- Rely on self.skip_mash to detect when it is ok to skip a mash (ad65362e).

2.2.0

Bodhi 2.2.0 is a security and feature release, with a few bug fixes as well.

Security

This update addresses [CVE-2016-100008](#) by disallowing the re-use of solved captchas. Additionally, the captcha is [warped](#) to make it more difficult to solve through automation. Thanks to Patrick Uiterwijk for discovering and reporting this issue.

Features

- Bodhi's `approve_testing.py` script will now comment on updates when they have reached a stable karma threshold (5b0d1c7c).
- The web interface now displays a push to stable button when the karma reaches the right level when autokarma is disabled (#772 and #796).
- Masher messages now have an “agent”, so it is possible to tell which user ran the mash (45e4fc9f).
- Locked updates now list the time they were locked (#831).
- Bugs are closed and commented on in the same Bugzilla POST (#404).
- Karma values equal to 0 are no longer displayed with a green background to better distinguish them from positive karma reports (#799).
- Updates display a link to the feedback guidelines (#865).
- The new CLI now has a man page (95574831).
- The CLI now has a `--version` flag (#895).

Bugs

- Locked updates that aren't part of a current push will now be pushed and warnings will be logged (bf4bdeef). This should help us to fix #838.
- Don't show users an option to push to stable on obsoleted updates (#848).
- taskotron updates are shown per build, rather than per update (ce2394c6, 8e199668).
- The Sphinx documentation now builds again (b3f80b1b).
- Validator messages are now more useful and helpful (#630).
- The Bodhi CLI no longer depends on the server code to function (#900).
- Private bugs will no longer prevent the updates consumer from continuing (#905).
- bootstrap is now included in the setup tools manifest for the server package (#919).

Commit log

The above lists are the highlights of what changed. For a full list of the changes since 2.1.8, please see the [changelog](#).

CHAPTER 3

Bodhi API

/updates

/releases

/builds

/users

CHAPTER 4

Indices and tables

- `genindex`
- `modindex`
- `search`