
dashbozu manual Documentation

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codefirst.org

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Dashbozu stores and notifies your all development activities.

Supported services:

- GitHub
- Bitbucket
- Travis CI
- Heroku
- New Relic
- Errbit
- Wercker
- dploy.io
- Jenkins
- Sunline
- AsakusaSatellite
- ChatWork

Requirements

- Ruby 2.0 or later
- Bundler 1.3.5 or later
- PostgreSQL 9 or later

2.1 Setup

2.1.1 Install

Install dependencies:

```
$ bundle install --path .bundle --without development test
```

Precompile assets:

```
$ bundle exec rake assets:precompile RAILS_ENV=production
```

Run server:

```
$ bundle exec rails s -e production
```

2.1.2 Parameters

Edit config/dashbozu.yml

or set environment variables:

- GITHUB_KEY
- GITHUB_SECRET
- BITBUCKET_KEY
- BITBUCKET_SECRET

If you do not have GitHub and Bitbucket keys, go to

- <https://github.com/settings/applications>
- <https://bitbucket.org/account/user/YOUR-ACCOUNT/api>

2.2 Plugin

2.2.1 Input plugins

Dashbozu supports below services to input activities.

- GitHub
- Bitbucket
- Travis CI
- Heroku
- New Relic
- Errbit
- Wercker
- dploy.io
- Jenkins
- Redmine
- Sunline
- Hatena Bookmark

GitHub

Access to Webhooks & Services page of your repository. Push **Add Hook** and input below information.

- Payload URL: `http://dashbozu.example.com/hook/your-api-key/github`
- Payload version: `application/vnd.github.v3+form`
- Which events would you like to trigger this webhook?: Let me select individual events.
 - Push: Checked
 - Pull Request: Checked
 - Issues: Checked
 - Issue comment: Checked
- Active: Checked

Bitbucket

Access to your repository setting page. Add below URL to “POST” and “Pull Request POST” services.

```
http://your.dashbozu.host/hook/your-api-key/bitbucket
```

Travis CI

```
gem install travis
travis encrypt http://your.dashbozu.host/hook/your-api-key/travis_ci
```

You will get encrypted value. Edit `.travis.yml`.

```
...
notifications:
  webhooks:
    secure: "your-encrypted-value"
```

Heroku

Install deployhook addon:

```
$ heroku addons:add deployhooks:http --url=http://dashbozu.example.com/hook/your-api-key/heroku
```

New Relic

Access to your New Relic notification setting page. Set below URL to “WebHook”.

```
http://your.dashbozu.host/hook/your-api-key/new_relic
```

Errbit

Access to App Edit page. Add WEBHOOK to NOTIFICATION SERVICE, and set below URL to URL.

```
http://your.dashbozu.host/hook/your-api-key/errbit
```

Wercker

Write **wercker.yml** as following:

```
build:
  after-steps:
    - mzp/http-notify:
      url: $DASHBOZU_URL
```

And set URL as a application environment(we recomend as protected value):

```
http://your.dashbozu.host/hook/your-api-key/wercker
```

dploy.io

Set ‘Post-Deployment URL’ in ‘Servers Configuration’:

```
http://your.dashbozu.host/hook/your-api-key/dploy
```

Jenkins

Install ‘Notification Plugin’ from Jenkins update center.

And set below settings.

- Format: JSON
- Protocol: HTTP
- URL: <http://your.dashbozu.host/hook/your-api-key/jenkins>

Redmine

Install [Redmine Webhook Plugin](#) .

Add post URL in project settings page as following:

```
http://your.dashbozu.host/hook/your-api-key/redmine
```

Sunline

Add hooks to script as following:

```
http://your.dashbozu.host/hook/your-api-key/sunline
```

Hatena Bookmark

Set Web Hook configuration in your preference:

```
http://your.dashbozu.host/hook/your-api-key/hatena_bookmark
```

2.2.2 Output plugins

Dashbozu supports below services to output activities.

- [ChatWork](#)
- [AsakusaSatellite](#)
- [WebHook](#)

ChatWork

Set below ENV variables.

- OUTPUT_CHAT_WORK_TOKEN
- OUTPUT_CHAT_WORK_ROOM_ID
- OUTPUT_CHAT_WORK_MESSAGE_TEMPLATE

AsakusaSatellite

Set below ENV variables.

- OUTPUT_ASAKUSA_SATELLILTE_URL
- OUTPUT_ASAKUSA_SATELLILTE_API_KEY
- OUTPUT_ASAKUSA_SATELLILTE_ROOM_ID
- OUTPUT_ASAKUSA_SATELLILTE_MESSAGE_TEMPLATE

WebHook

Set below ENV variables.

- OUTPUT_HTTP_URL

It posts data as JSON format. For example:

```
{
  "id":34,
  "title":"[Deploy] test - aaaa",
  "body":"new_commit",
  "source":"heroku",
  "project_id":1,
  "url":"http://www.example.com/",
  "icon_url":"https://secure.gravatar.com/avatar/462233d5aedf66a793dcd95f814f8811?secure=true\u0026s=
  "status":"error",
  "author":"mallowlabs@gmail.com",
  "created_at":"2014-01-19T14:46:47.476Z",
  "updated_at":"2014-01-19T14:46:47.489Z",
  "encrypted_identifier":"afd6033f1b0ebe47c0152016566e29c26cfeb2d1"
}
```

Indices and tables

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- `modindex`
- `search`