

Fastlane CI

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Fastlane?



fastlane is an open source platform aimed at simplifying Android and iOS deployment

Fastlane?



AUTOMATE SCREENSHOTS

Automatically generate
localized screenshots for
the app store

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BETA DEPLOYMENT

Easily distribute beta builds
to testers

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Publish a new release to the
app store in seconds

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CODE SIGNING

Reliably and consistently
code sign your app—no
more headaches

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Fastlane CI?

Open source, self-hosted, mobile-optimized CI powered by [fastlane](#) brought to you by the *fastlane* team.

- **Git first**
 - 100% of your configuration files are stored in git, wherever you want
- **Self Hosted**
 - You should be able to own your CI systems, and scale up as needed
- **Native Fastlane Integration**

Using `fastlane.ci` with Docker

Currently, Docker deployment is for Linux projects only.

1. [Install Docker](#)
2. Open the Terminal on the Mac or on a Linux you want to run as `fastlane.ci`
3. `git clone https://github.com/fastlane/ci`
4. `cd ci`
5. `docker-compose up`
6. Up at running at [localhost:8080](#)

Done ?

- **Memory Issue**

- 1 GB of RAM is not enough for Fastlane CI
- Upgrade instance to 2GB

- **Permission Issue**

- Installing gem r equires permission
- `$ bundle install --path vender/bundle`

fastlane.ci

Dashboard

Give us your feedback

Onboarding

Welcome to fastlane.ci 🙌!

fastlane.ci requires a few configuration values from you to properly run the server.

The following values need to be inputted to properly run the server:

- FASTLANE_CI_ENCRYPTION_KEY
- FASTLANE_CI_BOT_API_TOKEN
- FASTLANE_CI_PASSWORD
- FASTLANE_CI_INITIAL_ONBOARDING_USER_API_TOKEN
- FASTLANE_CI_REPO_URL

CONTINUE

Setting it up



SUCCESS: ~/.fastlane/ci/.keys file written with the configuration values FASTLANE_CI_BOT_API_TOKEN and FASTLANE_CI_PASSWORD

fastlane.ci

Dashboard

Onboarding

2. CI Bot Account

fastlane.ci requires you setup a CI *bot account* to update the build status, etc.

To properly setup the bot account, fastlane.ci requires two configuration environment variables: FASTLANE_CI_BOT_API_TOKEN and FASTLANE_CI_PASSWORD.

The user associated with this API token will be responsible for updating the private fastlane.ci configuration repository created after the onboarding process.

Please follow the steps below to complete your fastlane.ci configuration:

1. [Create an account](#) for your fastlane.ci bot on GitHub.
2. Create a personal access token [on GitHub](#) with all repo permissions, and the user:email permission on your GitHub bot account:

- | | |
|---|---|
| <input checked="" type="checkbox"/> repo | Full control of private repositories |
| <input checked="" type="checkbox"/> repo:status | Access commit status |
| <input checked="" type="checkbox"/> repo_deployment | Access deployment status |
| <input checked="" type="checkbox"/> public_repo | Access public repositories |
| <input checked="" type="checkbox"/> repo:invite | Access repository invitations |
| <input type="checkbox"/> user | Update all user data |
| <input type="checkbox"/> read:user | Read all user profile data |
| <input checked="" type="checkbox"/> user:email | Access user email addresses (read-only) |

Give us your feedback

Edit personal access token

If you've lost or forgotten this token, you can regenerate it, but be aware that any scripts or applications using this token will need to be updated.

[Regenerate token](#)

Token description

new fastlane-ci

What's this token for?

Select scopes

Scopes define the access for personal tokens. [Read more about OAuth scopes.](#)

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> repo | Full control of private repositories |
| <input checked="" type="checkbox"/> repo:status | Access commit status |
| <input checked="" type="checkbox"/> repo_deployment | Access deployment status |
| <input checked="" type="checkbox"/> public_repo | Access public repositories |
| <input checked="" type="checkbox"/> repo:invite | Access repository invitations |

Setting it up

4. Configuration Git Repository

fastlane.ci requires that you setup a private configuration repository on GitHub for configuration purposes. By submitting the form below, fastlane.ci will create a private configuration repository at the url you set below, with the following files:

projects.json

```
{
  {
    "repo_config": {
      "id": "auto_generated_id",
      "git_url": "https://github.com/your-name/fastlane-ci-demoa",
      "full_name": "your-name/fastlane-ci-demoapp",
      "description": "Fastlane CI Demo App Repository",
      "name": "Fastlane CI Demo App",
      "provider_type_needed": "github",
      "hidden": false
    },
    "id": "auto_generated_id",
    "project_name": "fastlane CI demo app test",
    "lane": "test",
    "enabled": true,
    "job_triggers": [
      {
        "type": "commit",
        "branch": "master"
      },
      {
        "type": "nightly",
        "branch": "master"
      }
    ]
  }
}
```

users.json

```
{
  {
    "id": "auto_generated_id",
    "email": "your-name@gmail.com",
    "password_hash": "Your encrypted password (fastlane will enc",
    "provider_credentials": [
      {
        "email": "user-email@gmail.com",
        "encrypted_api_token": "Encrypted GitHub API token",
        "provider_name": "GitHub",
        "type": "github",
        "full_name": "Fastlane CI"
      }
    ]
  }
}
```

Give us your feedback

1. Enter the url for the github configuration repository you wish to create:

Note: if the private configuration repository already exists, it will not overwrite your existing repository.

FASTLANE_CI_REPO_URL

<https://github.com/username/reponame>

Setting it up

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      "description": "Fastlane CI Demo App Repository",
      "name": "Fastlane CI Demo App",
      "provider_type_needed": "github",
      "hidden": false
    },
    "id": "auto_generated_id",
    "project_name": "fastlane CI demo app test",
    "lane": "test",
    "enabled": true,
    "job_triggers": [
      {
        "type": "commit",
        "branch": "master"
      },
      {
        "type": "nightly",
        "branch": "master"
      }
    ]
  }
}
```

users.json

```
{
  {
    "id": "auto_generated_id",
    "email": "your-name@gmail.com",
    "password_hash": "Your encrypted password (fastlane will enc",
    "provider_credentials": [
      {
        "email": "user-email@gmail.com",
        "encrypted_api_token": "Encrypted GitHub API token",
        "provider_name": "GitHub",
        "type": "github",
        "full_name": "Fastlane CI"
      }
    ]
  }
}
```

Give us your feedback

1. Enter the url for the github configuration repository you wish to create:

Note: if the private configuration repository already exists, it will not overwrite your existing repository.

FASTLANE_CI_REPO_URL

https://github.com/username/reponame

Setting it up

 Dekablade01 / fastlane-ci-config Private

 Watch ▾

0

 Star

0

Fork

0

 Code

 Issues 0

 Pull requests 0

 Projects 0

 Wiki

 Insights

 Settings

No description, website, or topics provided.

Edit

Add topics

 30 commits

 1 branch

 0 releases

 1 contributor

Branch: master ▾

New pull request

Create new file

Upload files

Find file

Clone or download ▾



Dekablade01 remove project

Latest commit 9b31e01 35 minutes ago

Done ?

Setting it up

apple_ids.json

```
1  [
2    {
3      "user": "dekablade01@gmail.com",
4      "password": "#####",
5      "prefix": "personal"
6    }
7  ]
```

apple_ids.json

settings.json

```
1  {
2    "metrics_disabled": false,
3    "install_new_versions_of_xcode": true,
4    "default_apple_id": "dekablade01@gmail.com"
5  }
6
```

apple_ids.json

users.json

docker-compose.yml

```
1  version: '3'
2  services:
3    web:
4      build: .
5      ports:
6        - "3000:8080"
7      volumes:
8        - "~/fastlane:/root/.fastlane"
9      environment:
10         - FASTLANE_USER=dekablade01@gmail.com
11         - XCODE_INSTALL_USER=dekablade01@gmail.com
12         - DEBUG=true
13
```

fastlane.ci

Dashboard

Login with your fastlane.ci account

Login

Email

dekablade01@gmail.com

Password

LOGIN

[Create account](#)

fastlane.ci

Dashboard

Configuration

Notifications

Users

Provider Credentials

Global ENV Variables

Add new project

Adding Dekablade01/braive-ios

Dekablade01/braive-ios

Select a branch

develop



Loading - this might take a while depending on the repo size..

Setting it up

Adding Dekablade01/braive-ios

braive-ios

Select a branch

fastlane-ci

Lane to run

ios unit_tests

Select trigger

Commit

SUBMIT

Setting it up

Xcode Manager






Currently installing...

Version	Status
9.4.1	44%

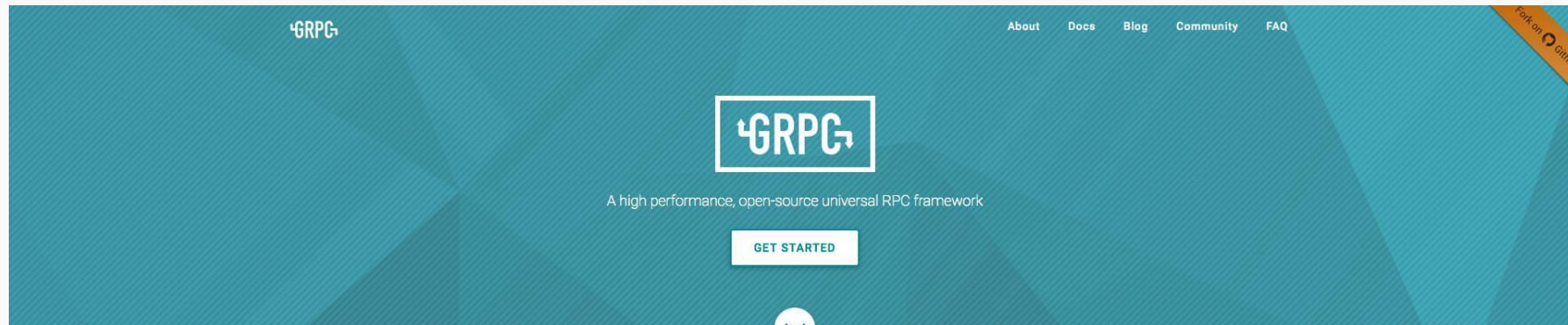
Installed Xcode versions

Version	Path
---------	------

Available Xcode versions

Version	Installed	Full Name	Action
10		10 Beta	INSTALL
9.4.1		9.4.1	Downloading (44%)
9.4		9.4	INSTALL
9.3.1		9.3.1	INSTALL
9.3		9.3	INSTALL

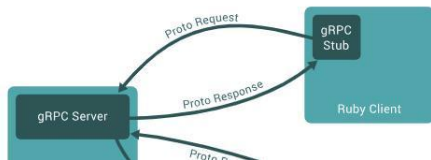
Connecting



Simple service definition

Define your service using Protocol Buffers, a powerful binary serialization toolset and language

[READ MORE](#)

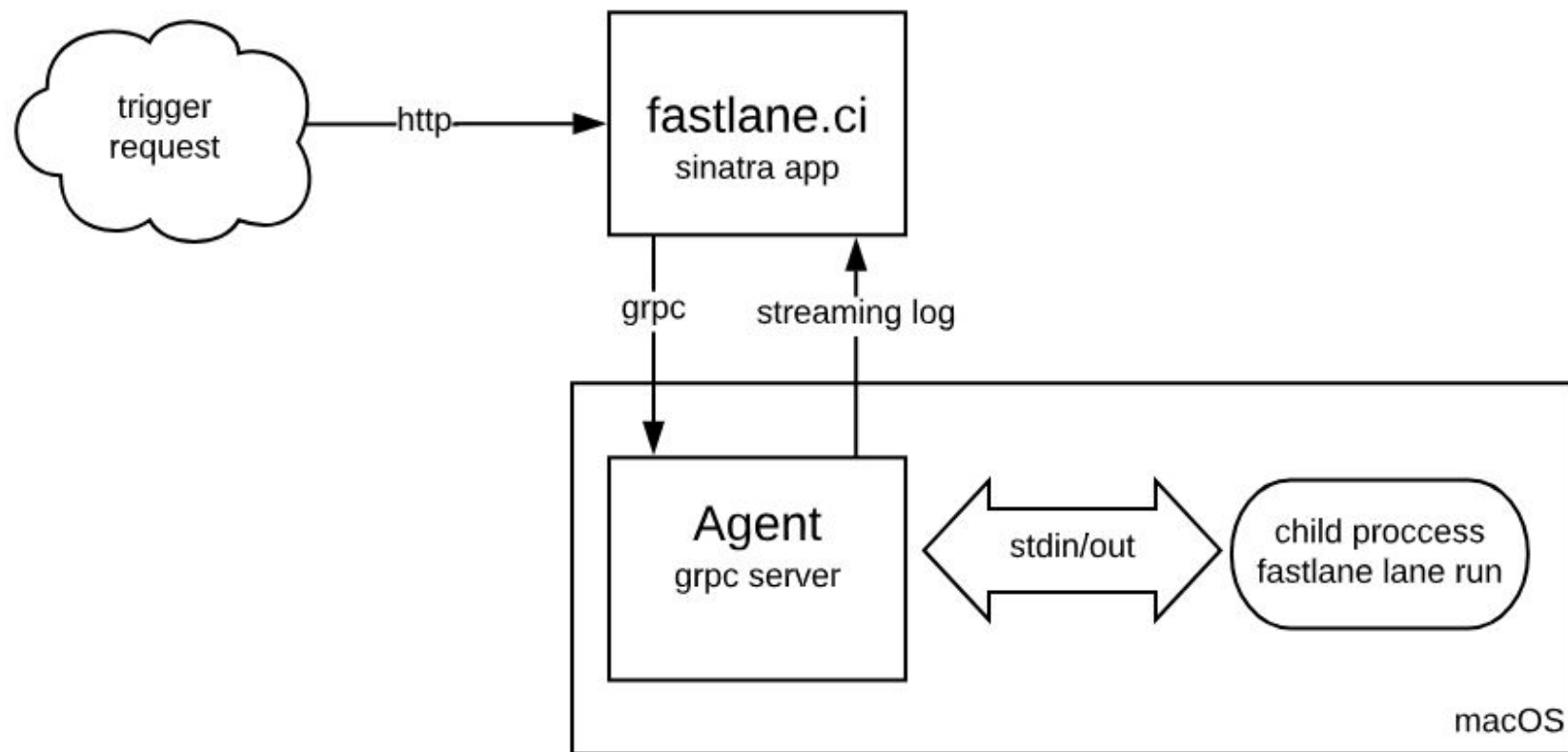


Works across languages and platforms

Automatically generate idiomatic client and server stubs for your service in a variety of languages and platforms

[READ MORE](#)

Setting it up



Build 1

Build started	20180614T173313+0000
Job Trigger	manual
Sha	ffb641243f1f8e07df353500ff564925d8cdae2f
Branch	master
Clone URL	https://github.com/Dekablade01/braive-ios
Build status	pending
RE-RUN FOR THIS COMMIT	

Loading...

[BACK TO PROJECT](#)

Setting up

- Pros
 - `~_(\ツ)_/~`
- Cons
 - One lane for one build
 - Cannot see lane outside Fastfile
 - GitHub Only
 - Private repository only

Thanks!

Contact Nimbl3

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