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# **Fretsboard Documentation**

***Release 1.5***

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Fretsboard is a web scoreboard for the rhythm game Frets On Fire (and its forks).

[Fretsboard](#) [Scoreboard](#) [Players](#) [Songs](#) [Song](#) [Players](#)

## Scoreboard

**Top songs**

1. [I Love Rock And Roll](#) (1 play)

**Top players**

1. [Linkid](#) (44074 points)

**Top medals**



1. [Linkid](#) 🏅 1 🏆 0 🏆 0

**Statistics**

- 1 game played
- 1 player
- 1 song available

**Recent performances**

- 44074 points on [I Love Rock And Roll](#) by [Linkid](#)

  English (en)  Version 1.0 | [Changelog](#) | [Documentation](#)



### 1.1 Presentation

Fretsboard is a web scoreboard for the rhythm game Frets On Fire (and similar).

### 1.2 Origin

This application comes from the old [Frets On Fire Charts Server](#).

Other scoreboard were developped, in PHP:

- [fofchart](#) (2008)
- [fofcs](#) (2008)
- [fretsweb-php](#) (2009)

For more information, see the [Frets On Fire forum post](#).

### 1.3 Features

The original scoreboard provides:

- the list of users
- the list of songs
- scores per users
- top scores
- a searching toolbar for users and songs
- an uploading entry for scores

In addition, this scoreboard provides:

- translations
- a minimal design

Other features are planned for the next version.



## 2.1 World instance

There is a stable instance, which aims to regroup all scores.

## 2.2 Upload a score

To upload a score, in your rythme game configuration file, you should modify the **uploadurl** parameter (or similar) to redirect to *[instance]/upload*.



### 3.1 Compatibilities

- Python: supports python 3.6, 3.7, 3.8 and 3.9
- Django: supports 3.0
- Bootstrap: supports the version 3

### 3.2 Settings (optional)

Before running this application, you should configure some local settings:

- *SECRET\_KEY*: you need to generate a new one
- *DEBUG*: default is True, which is not secured
- *ALLOWED\_HOSTS*: the host you will use
- *DATABASES*: the database you will use (default is an SQLite one)
- *PIWIK\_URL*: the URL of your Matomo instance
- *PIWIK\_SITE\_ID*: the id of your scoreboard instance

### 3.3 Run it locally

On a virtualenv:

```
git clone git@github.com:Linkid/fretsboard.git
cd fretsboard
pip install -r requirements.txt
./manage.py makemigrations scoreboard
```

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```
./manage.py migrate
./manage.py runserver
```

## 3.4 Run it on Heroku

Database used here: PostgreSQL In your console:

```
heroku login

heroku apps:create your-scoreboard
heroku addons:create heroku-postgresql --app your-scoreboard

git remote set-url heroku git@heroku.com:your-scoreboard.git
git push heroku master

heroku ps:scale web=1
heroku config:set SECRET_KEY=`openssl rand -base64 32`
heroku run python manage.py migrate
heroku open
```

### 4.1 1.5 (2021-04-29)

- build: add Python 3.9 compatibility
- ci: use Github Actions to run tests
- dependencies: update Django to 3.2
- doc: update the Travis link

### 4.2 1.4 (2020-08-10)

- Admin: display and filter verified songs
- Dependencies: update Django to 3.1
- Dependencies: update django-bootstrap3 to 12.0
- Dependencies: update Python to 3.8
- Dependencies: specify the minimal required Python version
- Templates: get translated difficulty in the song template
- Tests: add python 3.7 and 3.8 compatibility
- Translations: use lazy translations in models to get translated text in templates

### 4.3 1.3 (2019-12-05)

- Dependencies: update Cerealizer to 0.8.3
- Dependencies: update Django to 3.0

- Dependencies: update Python to 3.7
- Templates: add error pages (400, 403, 404 and 500)
- Translations: update languages.

### 4.4 1.2 (2018-10-21)

- Dependencies: update Cerealizer to 0.8.2
- Dependencies: update Django to 2.1

### 4.5 1.1 (2018-06-16)

- Dependencies: migrate to Django 2.0
- Dependencies: use the Cerealizer binary
- Doc: add a screenshot of the scoreboard
- Doc: add release notes
- Logs: add some logs
- Theme: add some links to the footer
- Theme: reduce the size of medals
- Translations: update languages.
- Upload: duplicate songs if needed
- Upload: filter songs by case-insensitive title

### 4.6 1.0 (2018-04-01)

The scoreboard has been rewritten.

- Django: migrate the scoreboard to Django 1.11
- Theme: use Bootstrap 3
- Theme: use a simple theme (white, not red)
- Theme: use a simple bootstrap theme for the user page
- Translations: 2 languages are available (English, French).