

KEEP  
HAVING **FUN**  
MAINTAINING  
YOUR **PROJECTS**





**ShipStation®**



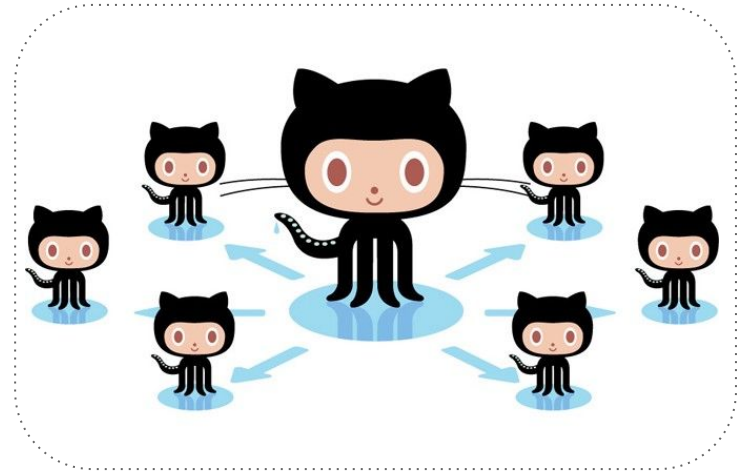
OPEN AUSTIN

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Open-Austin project leader

# Organization

# Automation



# Standards

<https://github.com/request-yo-racks/infra/wiki/Project-standards>

- Service API must be defined using the OpenAPI 3+ specification (<https://github.com/OAI/OpenAPI-Specification/blob/master/versions/3.0.2.md>)
  - Zalando provides very good [RESTful API Guidelines](#) worth following
- Projects must provide a way to build artifacts using standard tools (i.e. no custom scripts made for a specific machine/environment)
  - a package or binary depending on the language
  - a docker image
- Projects must comply with CI tasks
  - Formatter
  - Linters
    - Code
    - Docstrings
  - Static analyzers
  - Documentation
  - Unit test
  - Coverage
    - Must never regress
    - Think about your teammates who worked on increasing this coverage
    - Use online services like <https://coveralls.io/> or <https://codecov.io/>
    - Use feature tests
      - Try to cover 100% of use cases
        - This is more important the unit test coverage
        - It will end up increasing unit test coverage anyway
- Projects must include a Changelog following the "Keep a Changelog" recommendation (<https://keepachangelog.com/en/1.0.0/>)
- Project must adhere to Semantic Versioning (<https://semver.org/spec/v2.0.0.html>)
- Projects must use templates
  - Issues
  - Pull Request
- Projects must be documented
- Projects must automate all their maintenance tasks
  - Must ensure reproducibility
  - A Makefile or a package.json at the root of the project is a good example of how to automate maintenance tasks. The commands must be backed by a set of bash scripts.

- Clear guidelines
- Tool agnostic
- Focus on concepts

# Expectations



# Onboarding

You will need Python 3 [invoke](#) and [nox](#):

```
pip3 install --user nox invoke
```

Setup a local dev environment:

```
inv  
source venv/bin/activate
```

Run the CI tasks locally

```
inv nox -s ci
```

Only a few lines of instructions

Fully automated

**NO WIKI!**

Multi-platform

**Next level:** setup scripts  
at the OS level (brew,  
chocolatey, etc.)

# Templates

```
Issue Type
-----
<!-- Define the type of issue you are reporting. -->
- Bug report
- Feature request

Current Behavior
-----
<!-- Tell us what is currently happening. -->


Expected Behavior
-----
<!--
If you are reporting a bug, tell us what should happen.
If you are suggesting a change/improvement, tell us how it should work,
how it differs from the current implementation.
-->


Possible Solution
-----
<!--
Suggest a fix/reason for the bug, or ideas how to implement the
addition or change. Delete if not applicable/relevant.
-->


<!-- ----- bellow this line is *ONLY* for bug reports. -->
<!-- Delete these sections if you're filing a Feature request. -->
<!-- ----- bellow this line is *ONLY* for bug reports. -->
Steps to Reproduce
-----
<!--
Provide a link to a live example, or an unambiguous set of steps to
reproduce this bug. Include code to reproduce, if relevant.
-->
1.
2.
3.


Context
-----
<!--
How has this issue affected you? What are you trying to accomplish?
Providing context helps us come up with a solution that is most useful
in the real world.
-->
```



## Issue Type

---

- Bug report
- Feature request

## Current Behavior

---

## Expected Behavior

---

## Possible Solution

---

## Steps to Reproduce

---

- 1.
- 2.
- 3.

## Context

---



# Organize your tickets

- Remove useless conversions in parse\_date\_field()

exp/beginner kind/optimization

#147 by rgreinho was closed 23 days ago

Beyond the next level
- Fix "Who uses ScrAPD?" section in docs

exp/beginner kind/docs

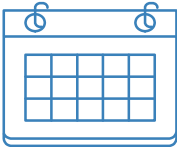
#146 by rgreinho was closed 28 days ago

Beyond the next level
- Date of Birth with spaces not being recognized

kind/bug status/claimed

#128 by mscairey was closed 29 days ago

Beyond the next level



## Beyond the next level

Closed now Last updated less than a minute ago  
ScrAPD is in a very good shape. It is the perfect time to pickup the very low hang fruits, as well as sharpening our saws.

## 1.5.2 - Keep the code clean

Closed on Jun 19 Last updated about 1 month ago  
As the code base grows we want to be sure that it stays clean and that we can easily onboard new people.



Back to school   
Updated 8 days ago

5 To do

Embellish the legends

scrapdviz#126 opened by rgreinho

kind/enhancement

Appeal and interactivity

Change the type of graph if it makes the data more understandable

scrapdviz#125 opened by rgreinho

kind/enhancement

Appeal and interactivity

Make the graphs interactive when it would help

scrapdviz#124 opened by rgreinho

kind/enhancement

Appeal and interactivity

3 In progress

Provide detailed information when clicking map markers

scrapdviz#130 opened by rgreinho

kind/enhancement

Maps of darkness

Connect the ScrAPD tools together

scrapdviz#131 opened by rgreinho

kind/enhancement

Intuitiveness and usability

Unspoken rules

scrapdviz#121 opened by rgreinho

kind/enhancement

Intuitiveness and usability

21 Done

Experiment with Hugo to generate site

docs#5 opened by rgreinho

enhancement

A new beginning

Only the last paragraph of the "Notes" is being parsed

scrapd#81 opened by rgreinho

kind/bug

Beyond the next level

Notes are not parsed

scrapd#73 opened by rgreinho

kind/bug

Beyond the next level

Filter cards

environment/dev	Developer environment
environment/prod	Production environment
exp/beginner	Good for newcomers
exp/expert	I have nothing else to teach you
exp/intermediate	Show off your skills
feedback/discussion	Discuss a specific aspect of the project
feedback/question	Further information is requested
kind/bug	Something isn't working
kind/design	Visual aspect
kind/docs	Document the project
kind/enhancement	Improve an existing feature
kind/feature	New feature or request
kind/optimization	Optimize an existing feature
no-mergify	Prevents Mergify from auto-merging the PR
size/L	
size/M	
size/S	
size/XL	
size/XS	
size/XXL	
status/claimed	Assigned
status/duplicate	This issue or pull request already exists
status/help wanted	Could use an extra brain
status/invalid	No further triaging
status/more info needed	Needs clarification
status/wontfix	Fix is too controversial or do not want to implement it
wontfix	



# Contributing

## Guidelines

- Use the provided templates to file an [Issue](#) or a [Pull Request](#).
- Create a topic branch from where you want to base your work.
- We follow the [Open Stack Coding Guidelines](#).
- For formatting the files properly, please use [YAPF](#). In the root directory of the project, run the following command: `make format`.
- Make sure you added tests to validate your changes.
- Run all the tests to ensure nothing else was accidentally broken.
- Commit messages must start with a capitalized and short summary (max. 50 chars) written in the imperative, followed by an optional, more detailed explanatory text which is separated from the summary by an empty line.
- Commit messages should follow best practices, including explaining the context of the problem and how it was solved, including in caveats or follow up changes required. They should tell the story of the change and provide readers understanding of what led to it. Please refer to [How to Write a Git Commit Message](#) for more details.
- If your [Pull Request](#) is a work in progress, create it as a [Draft Pull Request](#).
- Any [Pull Request](#) inactive for 28 days will be automatically closed. If you need more time to work on it, ask maintainers, to add the appropriate label to it. Use the [@scrapd/scrapper](#) mention in the comments.
- Unless explicitly asked, [Pull Request](#) which don't pass all the CI checks will not be reviewed. Use the [@scrapd/scrapper](#) mention in the comments if to ask maintainers to help you.

### Commit example

Use Docker Hub build environment values

Uses the Docker Hub build environment values in order to ensure the correct version of ScrAPD is installed into the image.

Fixes scrapd/scrapd#54

The following commit is a good example as:

1. The first line is a short description and starts with an imperative verb
2. The first paragraph describes why this commit may be useful
3. The last line points to an existing issue and will automatically close it.

# Automated checks

9 checks passed

- ✓ **Summary** 1 potential rule
- ✓ **ci/circleci: docs** Your tests passed on CircleCI!
- ✓ **ci/circleci: format** Your tests passed on CircleCI!
- ✓ **ci/circleci: lint** Your tests passed on CircleCI!
- ✓ **ci/circleci: prepare** Your tests passed on CircleCI!
- ✓ **ci/circleci: test-integrations** Your tests passed on CircleCI!
- ✓ **ci/circleci: test-units** Your tests passed on CircleCI!
- ✓ **coverage/coveralls** Coverage remained the same at 100.0%
- ✓ **security/snyk - requirements.txt (rgreinho)** No manifest changes detected

- Set it up **BEFORE** coding
- **LIFE SUPPORT**
- Do not review if checks failed
  - Unless asked for help
- Use “draft” feature



**AVOID**  
merging PRs manually!

Branch protection + Mergify  
=

**AUTOMERGE**

# Changelog

keepachangelog.com  
semver.org  
calver.org

## [2.1.0] - 2019-07-17

### Added

- Add CLI flags to parametrize retries at runtime. [#159](#)
- Add tasks to do some profiling of the application. [#163](#)
- Improve logging ability by adding more details about a parsing failure. [#167](#)

### Changed

- Use [nox](#) and [invoke](#) for task management execution instead of `make`.

### Fixed

- Fix `Deceased` field parsing:
  - to support date of birth with the following format `August 30, 1966`. [#155](#)
  - to support describing the age instead of the date of birth (i.e. `19 years of age`). [#172](#)
- Fix `Location` field parsing to support additional internal formats. [#169](#)
- Fix `Date` field parsing to support single digit 12 hour format like `8 p.m.`. [#171](#)
- Fix issues where the notes were either not parsed, or incorrectly parsed. [#166](#)

# Deployment



CI driven



Event based

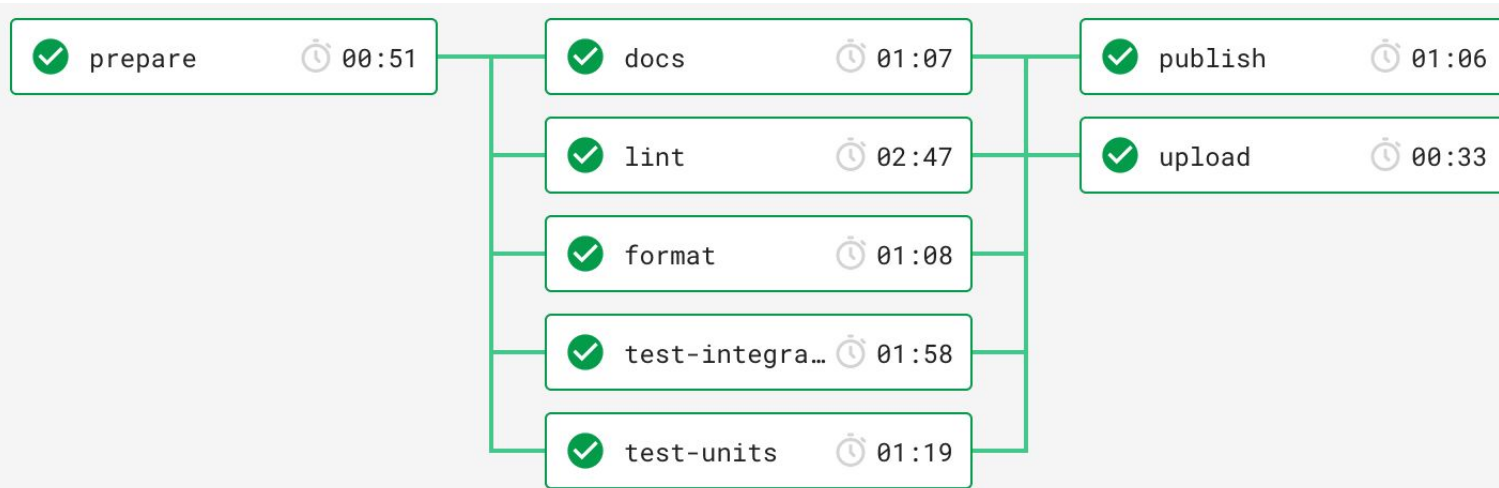


Package



Documentation

Think about  
it from the  
start



# Cookiecutter

```
cookiecutter https://github.com/rgreinho/python-cookiecutter
```

```
project_name [project]: demo
project_short_description [Describe your project in one line.]: A cookiecutter demo
prefix [ORG]: SCRAPD
author [author_name]: Rémy Greinhofer
author_email [author@company.com]: remy@greinho.fr
version [0.1.0]:
year [2017]: 2019
license [MIT]:
Initialized empty Git repository in /private/tmp/cookiecutter/demo/.git/
[master (root-commit) bfc547a] Initial Cookiecutter Commit.
44 files changed, 1768 insertions(+)
create mode 100644 .circleci/config.yml
create mode 100755 .circleci/init-gh-pages.sh
create mode 100755 .circleci/publish.sh
create mode 100644 .coveragerc
create mode 100644 .dockerignore
create mode 100644 .editorconfig
create mode 100644 .github/CONTRIBUTING.rst
create mode 100644 .github/ISSUE_TEMPLATE.md
create mode 100644 .github/PULL_REQUEST_TEMPLATE.md
create mode 100644 .gitignore
```

**AUTOMATE**  
repetitive  
tasks

A person's hands are visible holding a large, bright yellow balloon. The balloon has a simple smiley face drawn on it with black lines for eyes and a wide, curved line for a mouth. The background is a soft-focus outdoor scene with green foliage and a bright sky, suggesting a sunny day.

**THANK YOU!**

Any questions?