

raml-js-validator

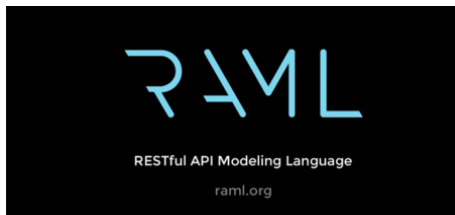
Software Lliure i Desenvolupament Social

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RAML

Gestió del cicle de vida d'una API.
Des de dissenyar-la a compartir-la.



Exemple RAML

```
1  #%RAML 1.0
2  title: Test api
3  version: 1
4  baseUrl: http://testapi.com
5
6  /user/{userid}/tasks:
7      description: Get the tasks of a user
8      uriParameters:
9          userid:
10              type: integer
11              example: 57
12      get:
13          responses:
14              200:
15                  body:
16                      application/json:
17                          type: array
18
```

Problemes

- Estem segurs que la sintaxi és correcta?
- Com evitem que l'especificació es desincronitzi de la implementació?

Solucions

Sintaxi

raml-js-parser-2 ¹

plugin per editor de text ²

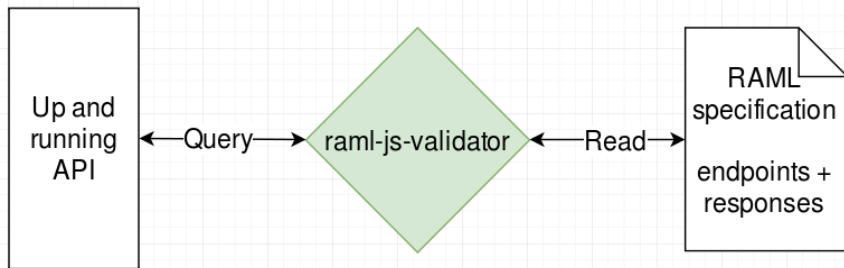
Sincronització amb la implementació

???

²github.com/raml-org/raml-js-parser-2

²atom.io/packages/api-workbench

raml-js-validator



Llegir cada endpoint del RAML i comprovar que la API respón com està especificat.

Utilització

```
➔ ~ raml-validate --help
```

Usage:

```
raml-validate.js </path/to/raml> [options]
```

Options:

-h, --help	Show help	[boolean]
-t, --target	The endpoint to test	[string]
-r, --validate-response	Validate the response schema	[boolean]

Examples:

```
raml-validate definition.raml --target http://localhost:8080
raml-validate definition.raml --validate-response
```

More info and docs:

```
https://github.com/joanvila/raml-js-validator
```

```
➔ ~ █
```

Example

```
→ examples git:(master) raml-validate definition.raml
RAML parsing success. Querying the API now...
[OK][get] http://localhost:8080/
[OK][get] http://localhost:8080/tasks
[OK][get] http://localhost:8080/task/3
[OK][get] http://localhost:8080/task
[OK][post] http://localhost:8080/task
      With body: {"name":"Code things","owner":"Joan"}
[OK][get] http://localhost:8080/user/57/task/string
[OK][get] http://localhost:8080/url/with/params?date_in=2016-09-19&date_out=2016-09-19

/home/joanvila/Projects/raml-js-validator/lib/validator.js:56
      setTimeout(() => { throw err.message; });
                        ^
[ERROR][get] http://localhost:8080/unexisting
      Request body: {}
      Response: 404 Cannot GET /unexisting

→ examples git:(master) █
```


Com es pot descarregar?

npm install -g raml-js-validator

- Gestor de dependències per Nodejs
- <https://www.npmjs.com/package/raml-js-validator>



On es pot veure el codi font?

Github

- Servidor Git
- <https://github.com/joanvila/raml-js-validator>



Estructura

joanvila 0.5.0		Latest commit 386f7ac 4 days ago
bin	Tests passing	4 days ago
examples	Validating the first level of the response. Not tested	4 days ago
lib	Tests passing	4 days ago
test	Response schema checker tested	4 days ago
.gitignore	Code coverage with Istanbul	a month ago
.jshintignore	Code coverage with Istanbul	a month ago
.jshintrc	Code coverage with Istanbul	a month ago
.travis.yml	Coveralls report	a month ago
CONTRIBUTING.md	Contributing guide	a month ago
Gruntfile.js	Coveralls report	a month ago
LICENSE.md	License added	a month ago
README.md	Response schema checker tested	4 days ago
config.js	Checking response codes according to raml	21 days ago
package.json	0.5.0	4 days ago

README.md

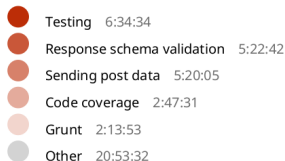
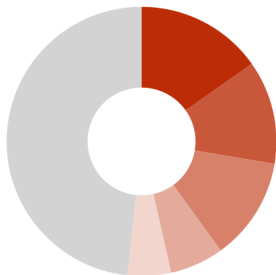
RAML 1.0 validator

build: passing coverage: 95% dependencies: up to date devDependencies: up to date

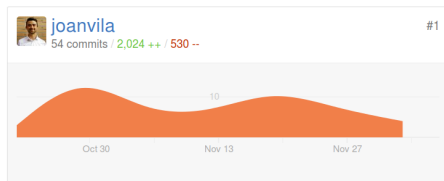
Simple **RAML 1.0** validator that reads a file containing an API definition and performs a query to each endpoint to check that the RAML matches the backend implementation. It pretends to be a way to prevent the RAML file to be outdated by triggering an error when it doesn't mach with the API. It can be used manually or in a CI environment in order to check the consistency on every build.

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- Sense cap garantia ni responsabilitat.

Dedicació



- Monitorització de les hores amb Toggl.com
- 43+ hores



Conclusió

- Utilitzada a diari per mi
- 350+ descàrregues
- Treball futur



RAML @ramlapi · Nov 17

You want to make sure your API complies to your RAML specification? Try out [github.com/joanvila/raml- ...](https://github.com/joanvila/raml-js-validator) developed by @vila_joan



joanvila/raml-js-validator

raml-js-validator - :pencil2: Simple RAML validator that works querying the endpoint github.com



4



6

