API data stubbing done right

With Saray and Node.js

What is a data stubber?

It's a software that permits to mock data
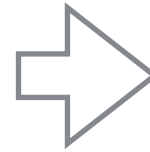
Why it is important to stub data?

- for software development

- consistent data for functional tests

- safe environments for product demo

We can stub data with Saray!

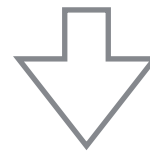'Yet Another Rest API Stubber'.split(' ').reverse().map(item => item[0].toLowerCase()).join('')

Saray can transform this… ⇨ /home/paolo/saray/simple.GET.json

```
{
    "message": "Hi Milan, I'm a stubbed API call"
}
```

…into this

⇩

GET http://locahost:8000/simple

```
HTTP/1.1 200 OK
X-Powered-By: Express
Access-Control-Allow-Origin: *
Access-Control-Allow-Methods: GET, POST, OPTIONS, PUT, PATCH, DELETE
Access-Control-Allow-Headers: Origin, X-Requested-With, Content-Type, Accept, Authorization
Access-Control-Allow-Credentials: true
Saray-Stubbed: true
Content-Type: application/json; charset=utf-8
Content-Length: 46
ETag: W/"2e-89E9C8HHkWvwlUiWgeXBGIuHeyw"
Date: Sun, 30 Apr 2017 18:14:33 GMT
Connection: keep-alive

{
    "message": "Hi Milan, I'm a stubbed API call"
}
```

You can also use JS!

```javascript
module.exports = function(req, res, log, next) {

  res.json({key: 'value'});

};
```
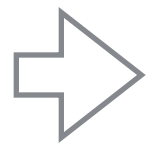
Saray as a proxy

```
$ saray —path data —endpoint https://myapi.com
```

GET http://locahost:8000/simple ⇨ Saray ⇨ https://myapi.com

Saray with dynamic paths

```
$ saray —path data —dynpath='_'
```

GET http://localhost:8081/simple/salutation/hello

simple/_/hello.GET.json ⇨ GET http://localhost:8081/simple/greeting/hello

GET http://localhost:8081/simple/curtsy/hello

Thank you!

Saray: https://github.com/contactlab/saray
Saray demo: https://github.com/contactlab/saray-demo