

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?

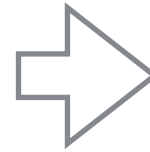
- for software development
- consistent data for functional tests
- safe environments for product demo

We can stub data with Saray!

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

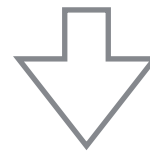
/home/paolo/saray/simple.GET.json

Saray can transform this...



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

...into this



GET <http://localhost: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!

```
module.exports = function(req, res, log, next) {  
  res.json({key: 'value'});  
};
```

Saray as a proxy

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

GET http://localhost:8000/simple ➡ Saray ➡ https://myapi.com

Saray with dynamic paths

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

simple/_/hello.GET.json



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

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>