Deoder

REST API vs RESTful

REST API

REST API is a client/server application that sends and receives data through the HTTP protocol using communication patterns such as XML and JSON and can be implemented in the desired language, allowing interoperability between services.





REST vs RESTful

REST is an architectural model, that is, a set of patterns that bring good practices for the development of these APIs.

RESTful is the implementation of the REST architectural model in practice in some API. And to create an API that is considered RESTful, you need to know the REST architecture and also apply it correctly.



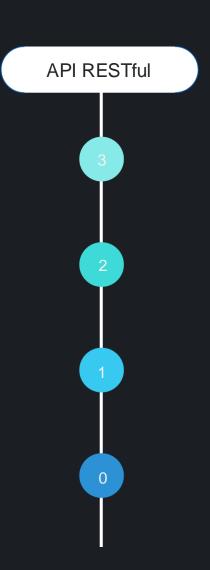


Richardson Maturity Model

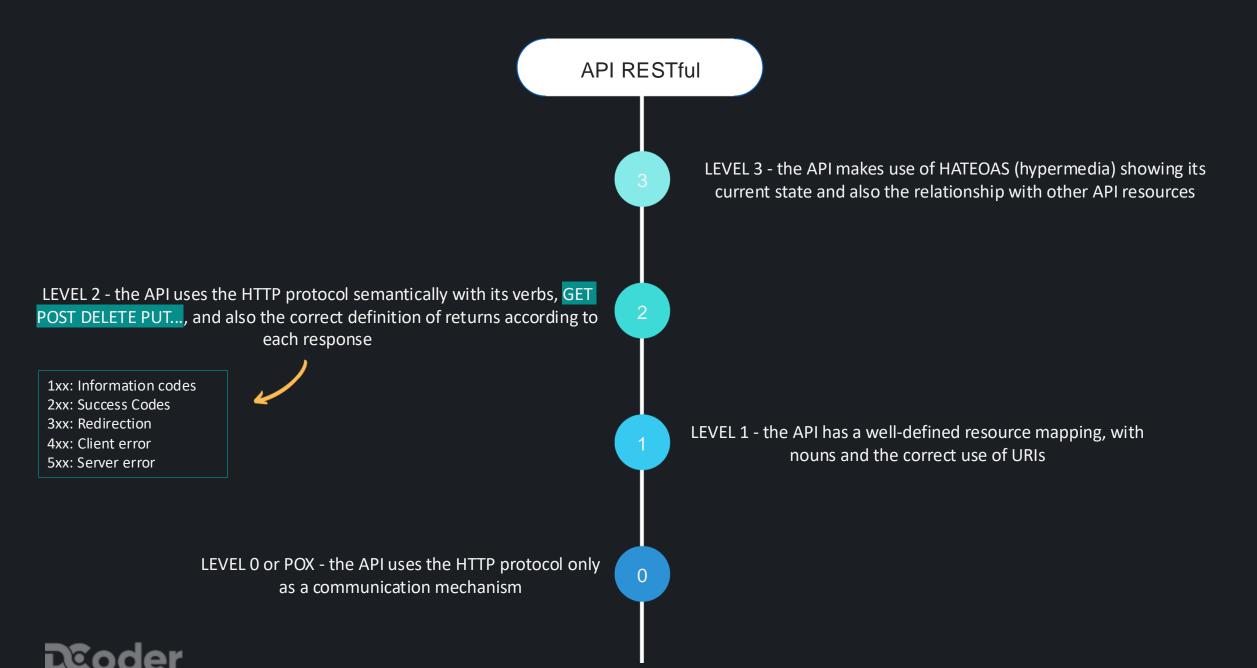
Leonard Richardson proposed a maturity model consisting of <u>four</u>

<u>levels</u> for an API to be considered RESTful:

- Level 0
- Level 1
- Level 2
- Level 3







RESTful API in EAD Architecture

- RESTful API creation;
- Spring projects: Boot, Web, Data JPA, Validations, HATEOAS...
- Yaml files;
- Records;
- JsonView;
- Validations;
- Pagination;
- Exception handling;
- CORS;
- Dynamic filters with specifications;
- HATEOAS





