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T-DEV-600

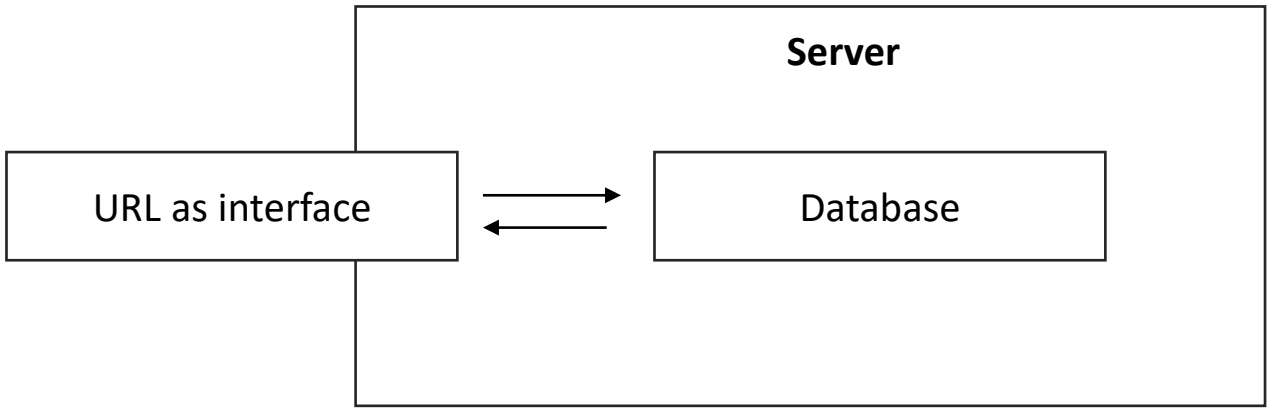
Trelltech

What is an API ?

API

This machine uses an **interface** to retrieve **resources**.

API

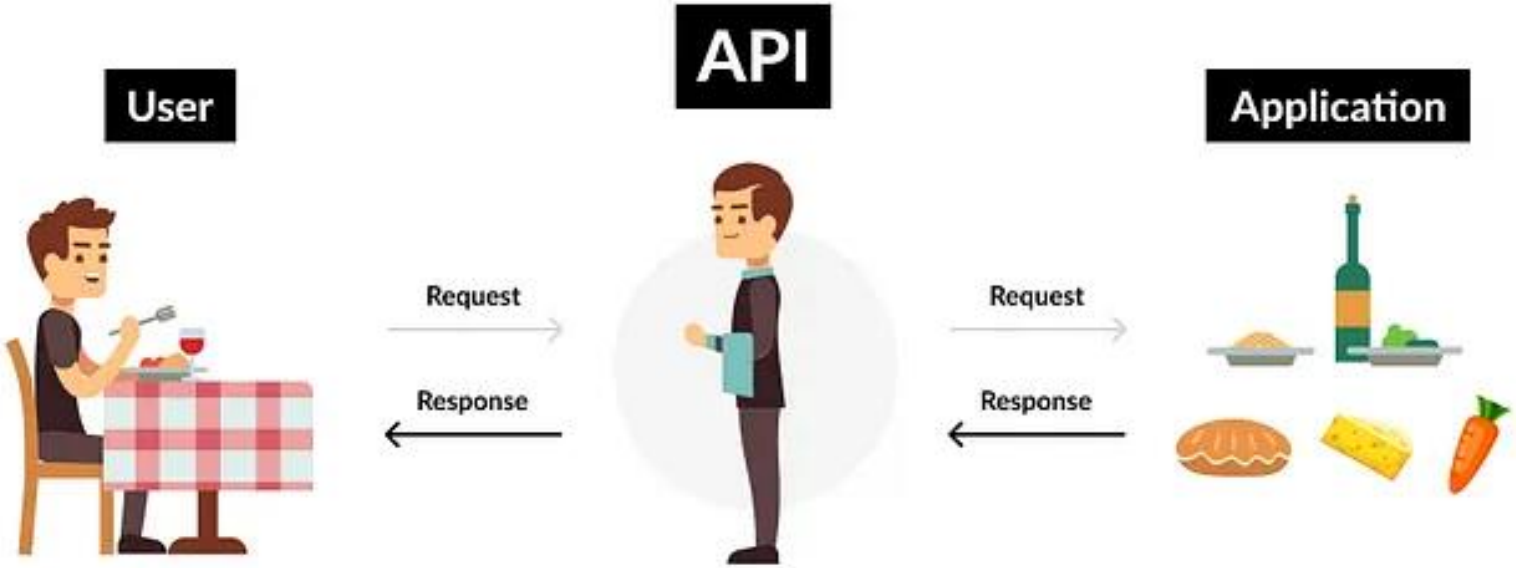


A server also uses an interface to retrieve resources.

This interface is called an **A**pplication **P**rogramming **I**nterface.

This interface uses the HTTP protocol via URLs to obtain resources.

API



Another (very common) analogy is a restaurant: you tell the waiter what you want to order, and he brings back from the kitchen (backend) the food you ordered.

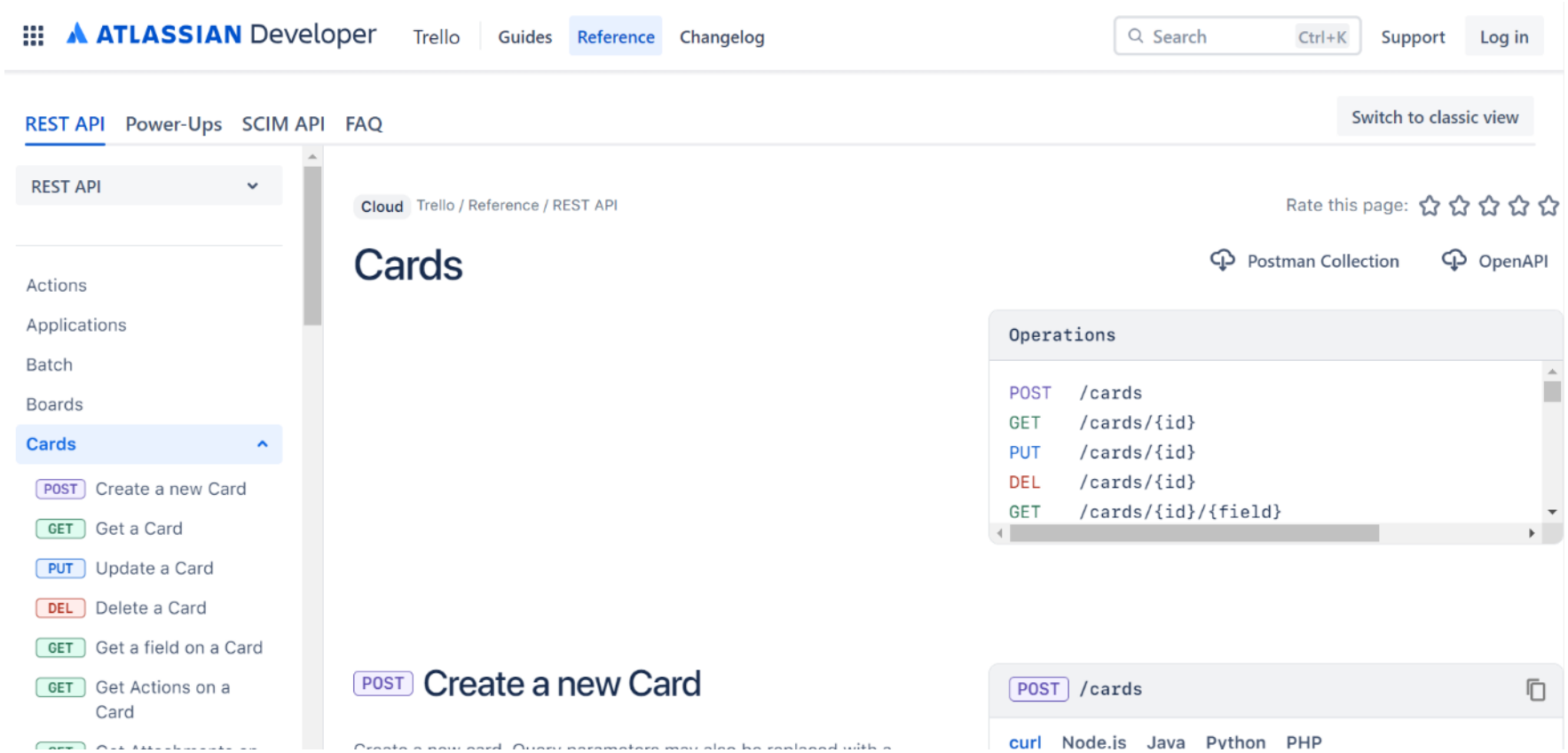
API

CRUD	Méthode	URL
Create	POST	/user
Read	GET	/user/{id}
Update	PUT	/user
Delete	DELETE	/user/{id}

But that's not all: it's also possible to **c**reate, **r**ead, **u**pdate and **d**elete a resource - this is called CRUD.

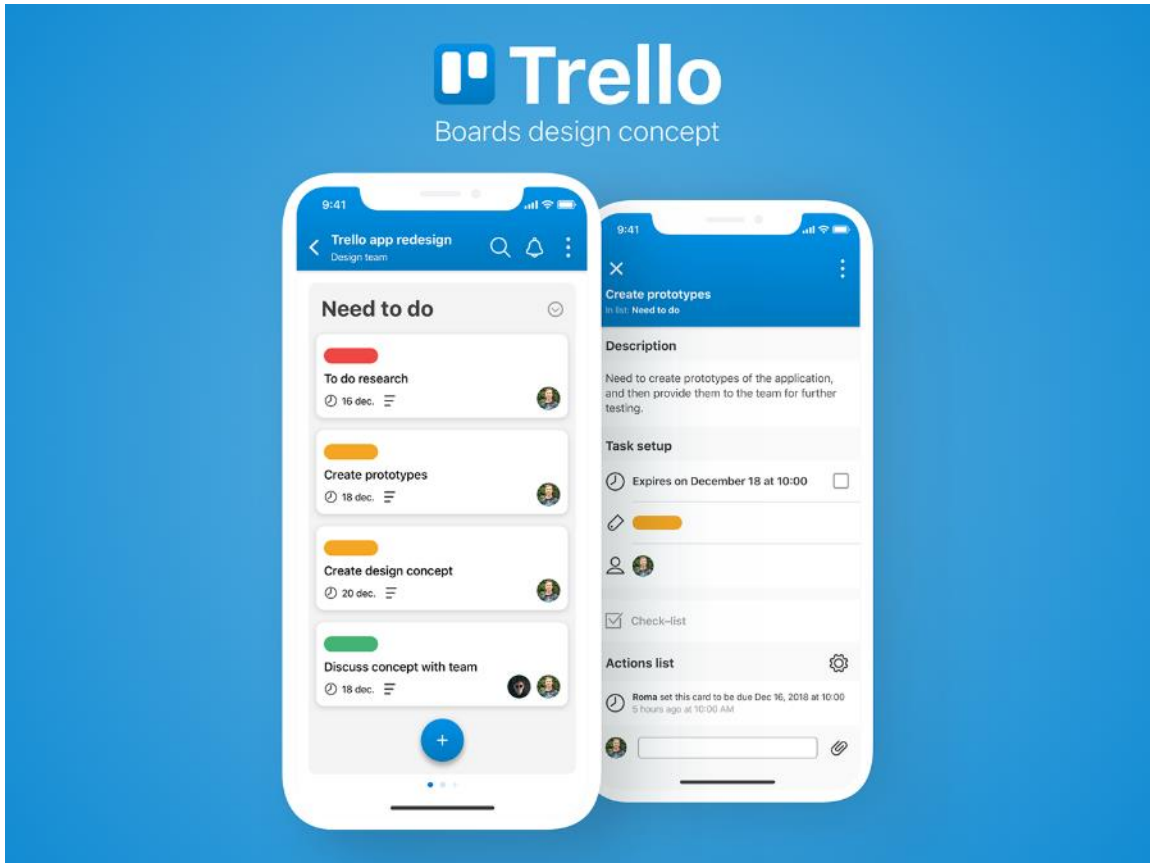
What about the project ?

Project



You'll be using Trello's API.

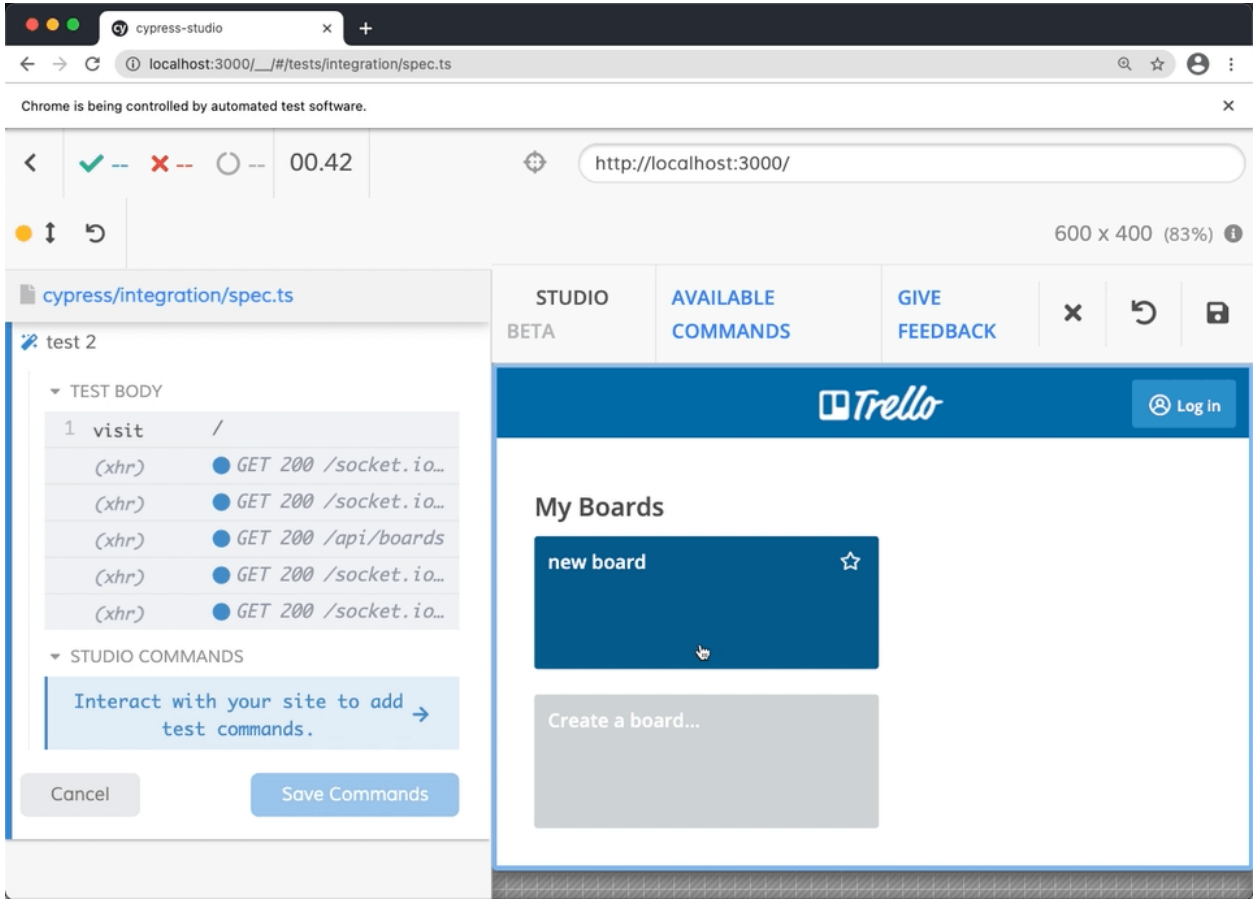
Project



You'll use this API to create a project management application.

Technos

Tests



Your application needs to be **tested** to ensure development quality.

Documentation

Documents might be :

- an activity diagram
- a class diagram
- sequence diagram
- use cases
- etc.

The documents should enable a newcomer to take charge of the project.

Any questions?