

Instructions



How is it going ? Do you have problems with practical tasks ? Any concerns with learning materials ?

2 responses

did not start
no

Today's agenda

- Total Recall
- Spring Framework
- Quiz
- Questions

Total Recall



What do you remember from the previous workshop ?

jwt

yes I use

What does OAuth stand for?

3 ✓



Open Authorization

0 ✗

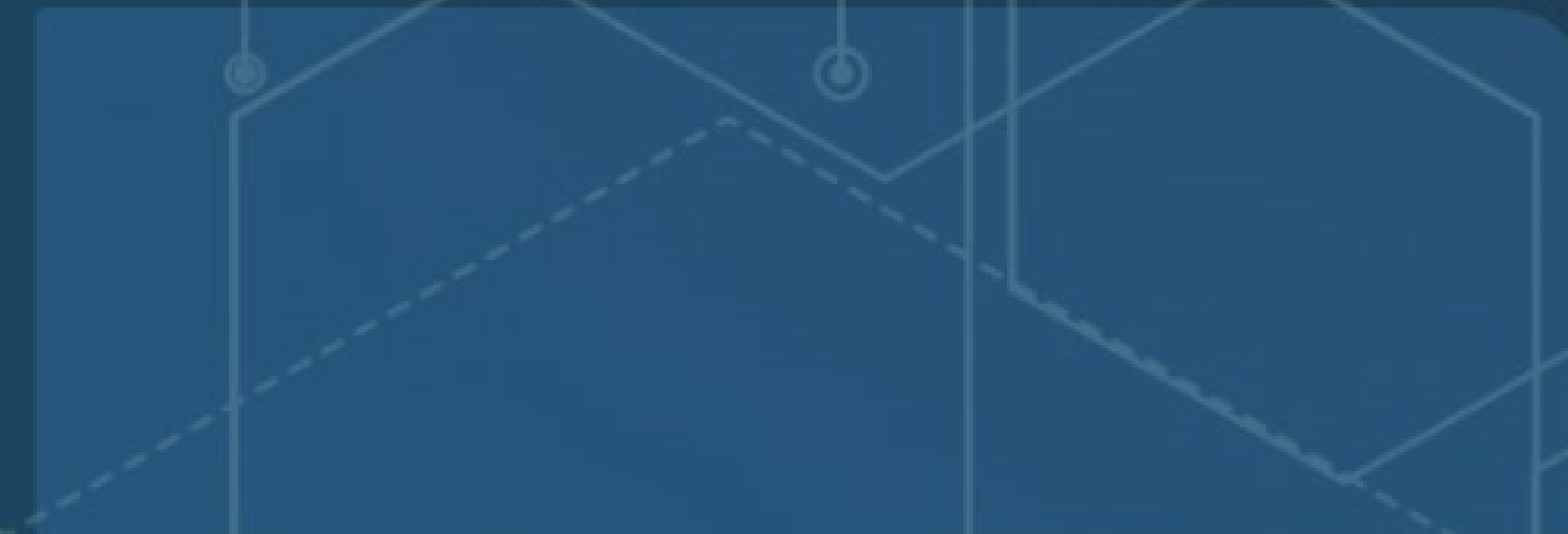
Open Authentication

0 ✗

Open Authism

Why need OAuth2 access token?

1 ✗



To authenticate the user

3 ✓



To authorize access to specific resources

0 ✗

To encrypt sensitive data during transmission

How does JWT ensure data integrity and authenticity?

4 ✓



0 ✗

By encrypting the payload

0 ✗

By hashing the token before
transmission

In which part of a JWT is the actual user information typically stored?

2 ✓

1 ✗



Header



Payload

0 ✗

Signature

Spring REST (ws-25)

Do you have questions \ uncertainties \ concerns on materials? (If no - it means all clear for you)

all are clear for me

Practical tasks

Spring

practice...

Continuous Quiz

REST is acronym for

0 ×

reach e success try

1 ×

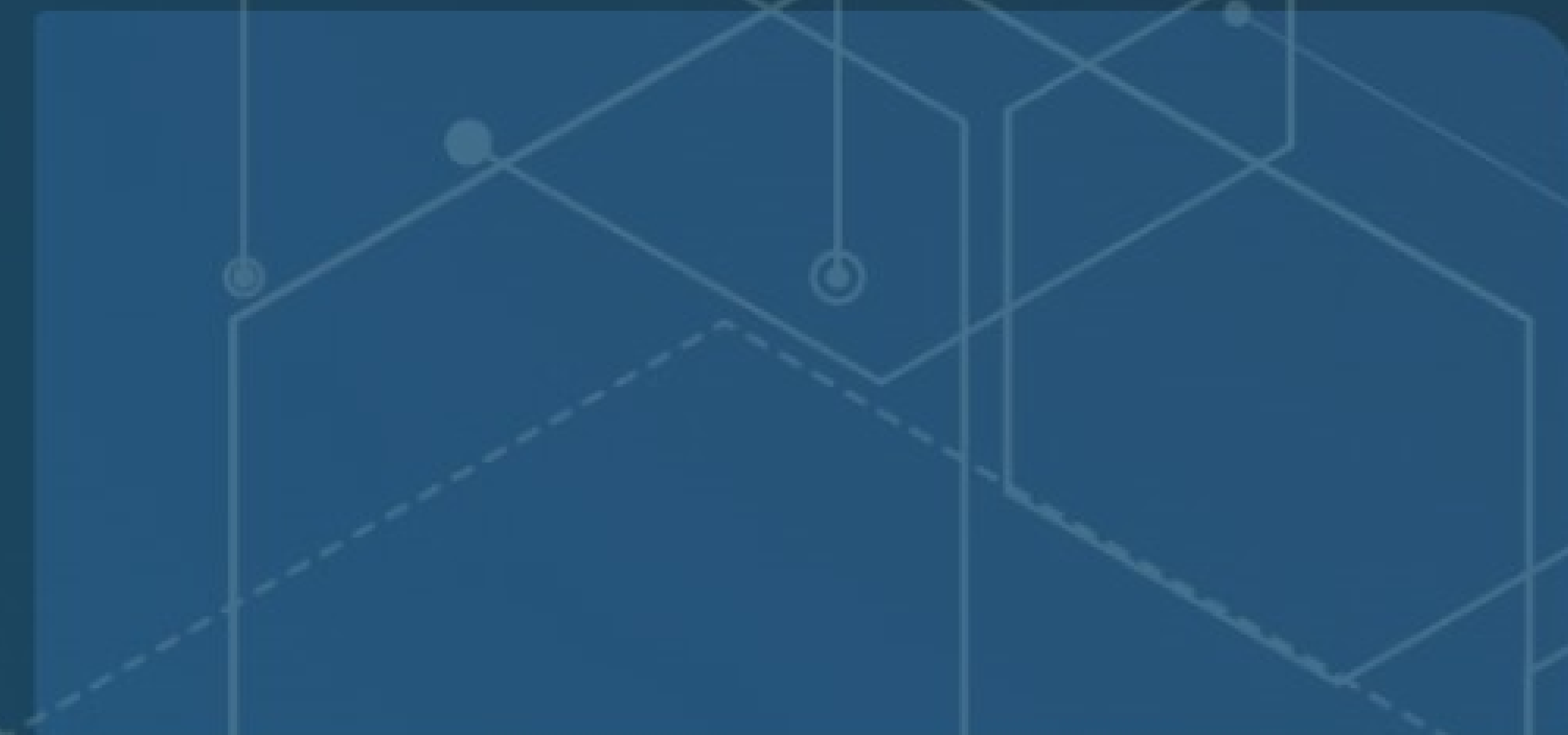
representation el status transfer

6 ✓

representational state transfer

What is REST

3 ✕



a protocol

1 ✕



design pattern

6 ✓



software architecture design constraints

How many constraints in REST

6 ✓



3 ✗



0 ✗



4

6

7

Name REST constraints

- Client-server architecture
- Statelessness
- Cacheability
- Layered system
- Code on demand
- Uniform interface

Have you heard about Richardson Maturity Model

7



0

yes

no

Richardson Maturity Model

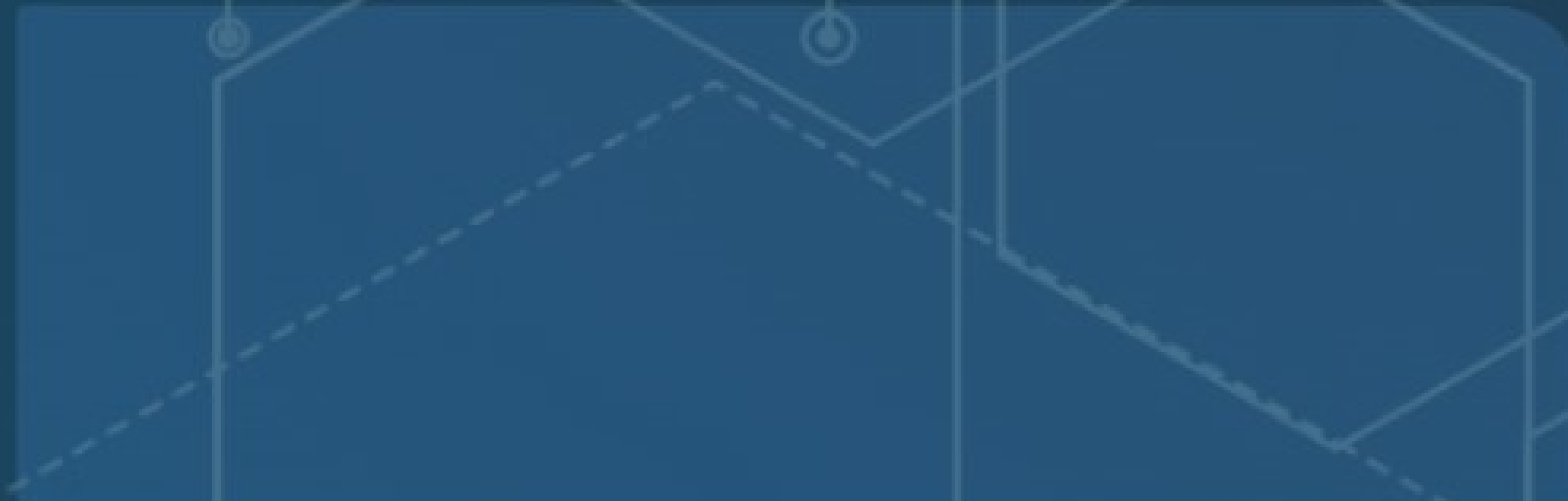
https://en.wikipedia.org/wiki/Richardson_Maturity_Model

REST is always using HTTP

6 ✓



2 ✗



yes

no

1 ✗

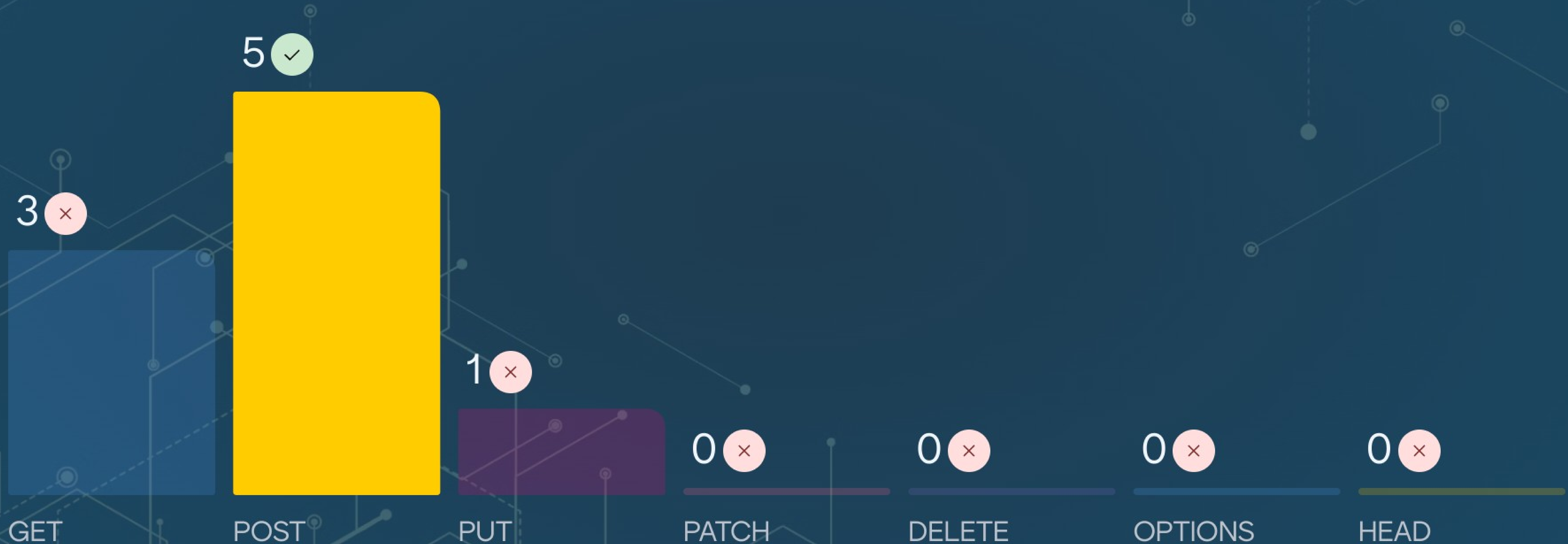


only HTTP 2.0

Explore

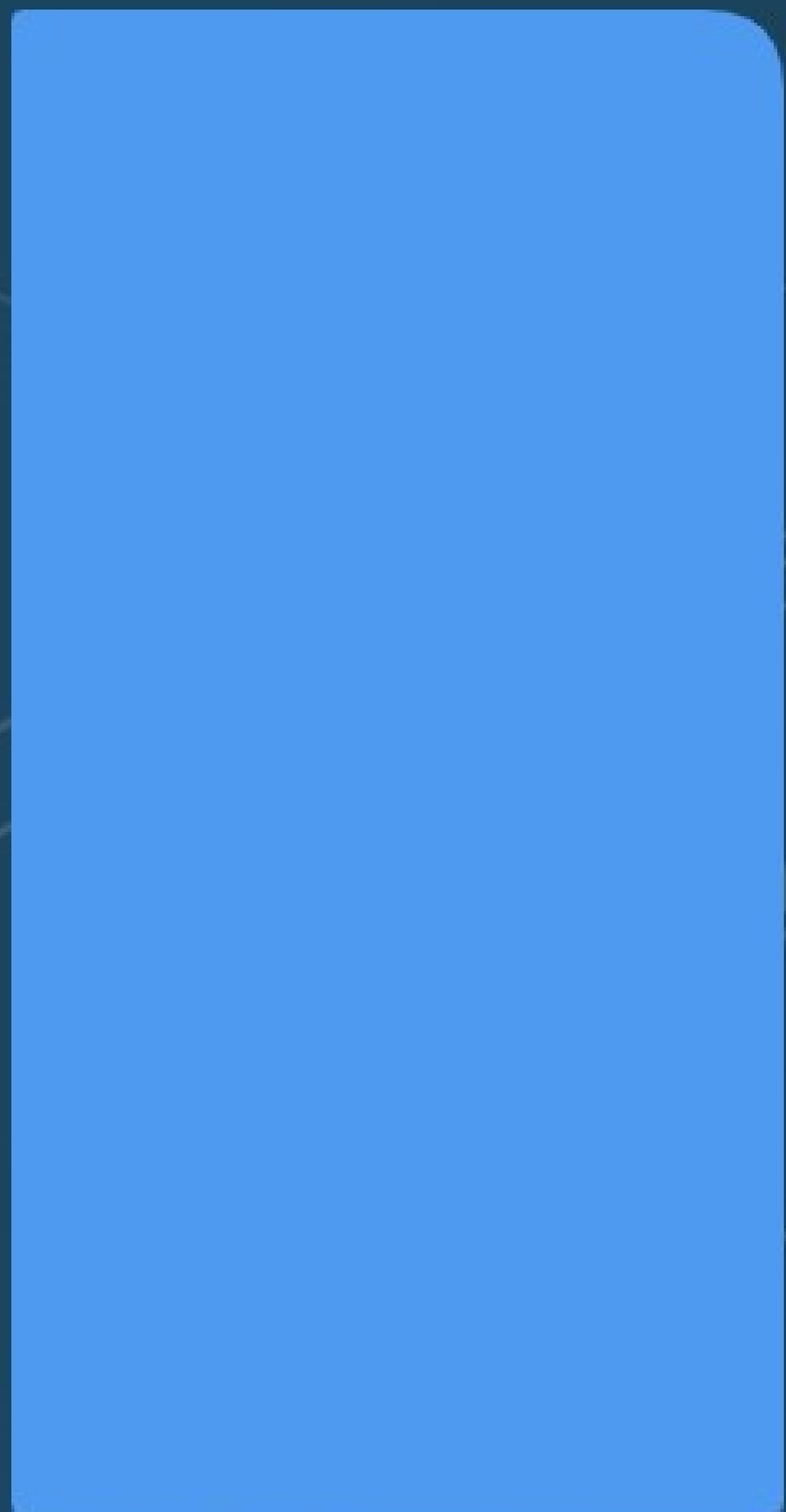
<https://reqres.in/>
together with browser Dev Tools

What HTTP method is used to save resource



What HTTP method is used to retrieve resource

8 ✓



1 ✗



0 ✗



0 ✗



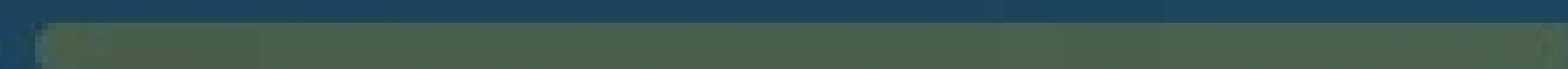
0 ✗



0 ✗



0 ✗



GET

POST

PUT

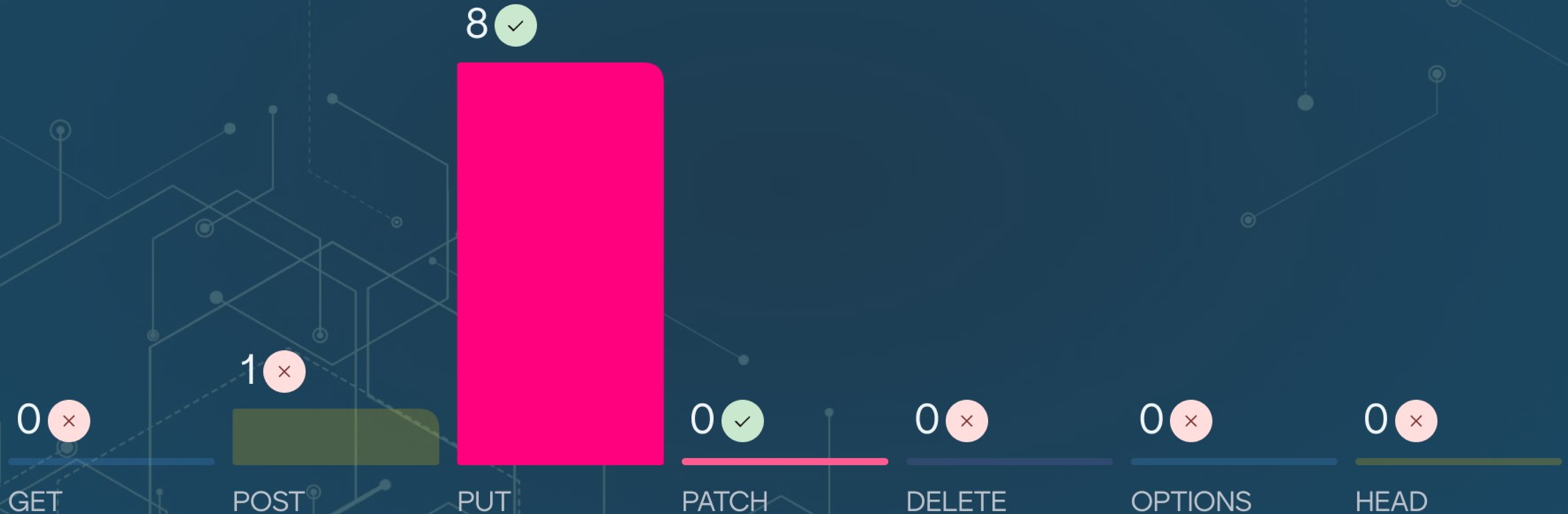
PATCH

DELETE

OPTIONS

HEAD

What HTTP method is used to update resource



What HTTP method is used to get meta information of the resource



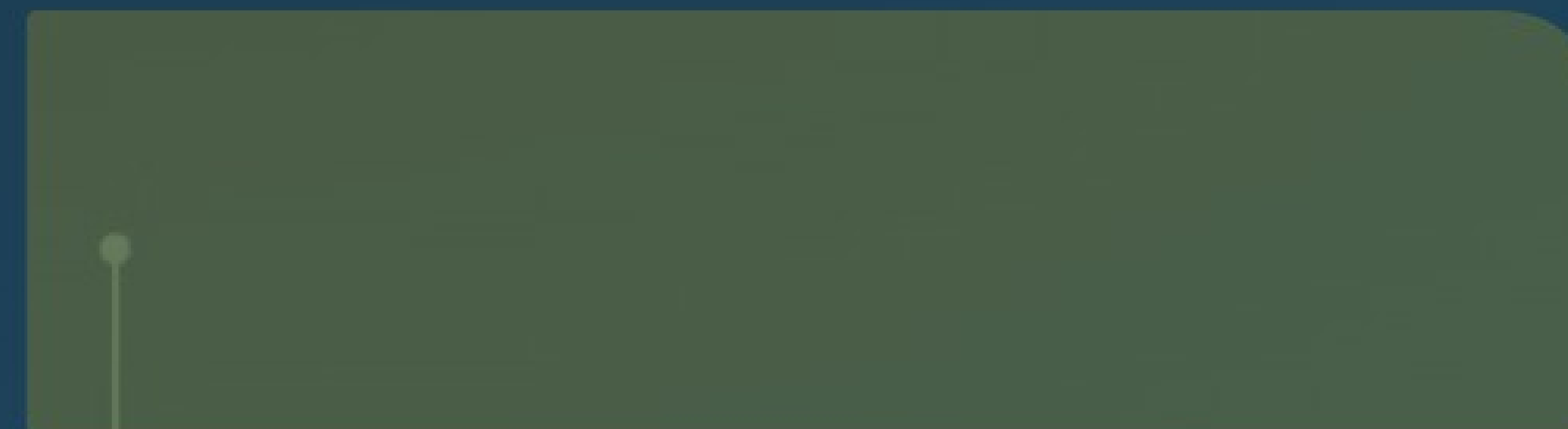
Is it correct to response 404 error code if online shop does not have requested product?

7 ✓



yes

2 ✗



no

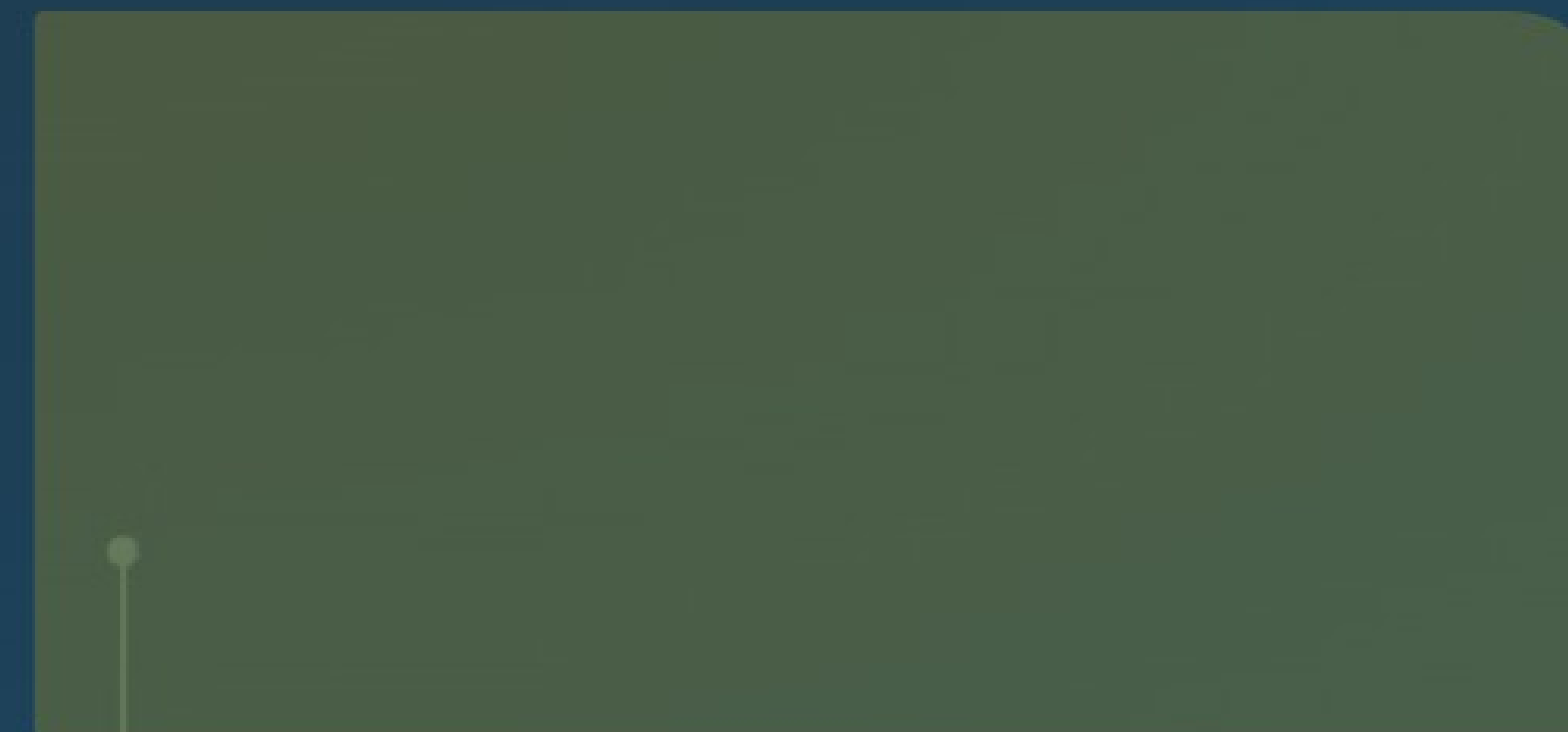
What is idempotence?

6 ✓



operation applied multiple times without changing the state

3 ✗



applied multiple times everytime changes the state

Quiz leaderboard



Next time: Spring REST

Questions?

