

A background image showing a group of people in a meeting or collaborative work environment. In the foreground, a person's hands are visible, holding a pen and writing in a notebook. Other people are blurred in the background, some looking at laptops. The image is partially covered by a diagonal white overlay on the right side.

Understanding between HTTP and REST.



Information credits:

<https://www.codecademy.com/>

<https://medium.com/>



❖ HTTP is a contract.

❖ HTTP is a communication protocol.

❑ REST is a concept.

❑ REST is an architecture style.

❖ HTTP is a protocol with a given mechanism for server-client data transfer.

❖ HTTP is most commonly used in REST API.

❑ REST was inspired by WWW

❑ WWW- (world wide web)



A group of four students are sitting around a table in a library, studying together. A young man in the center is smiling and looking at a laptop. A young woman to his left is looking at a tablet. A woman with glasses to his right is looking at a book. Another student is partially visible on the far right. The background is filled with bookshelves. A semi-transparent blue diagonal band runs across the image, and white text is overlaid on the left side.

Now lets talk only
REST

RESPRESENTATIONAL STATE TRANSFER

- ❑ REST provides standards between computer systems on the web for communication.
- ❑ These systems called as RESTFUL systems or REST-COMPLAINT.
- ❑ The implementation of the client and implementation of the server is done independently.
- ❑ Client code can be changed anytime without affecting the server operation.

STATELESSNESS

Systems that follow the REST paradigm are stateless.

Server does not need to know anything about state of the client and vice versa.

Both server and client can understand any message received even without seeing previous messages.



THANK YOU