

Agenda

- ") What Ps an API ?

 ") What is REST?

 ") hood practices for REST

 ") LLD of Product Service

 ") Muc Partern

 U) How a request is served in Spring?
- APE » Application Programming Interface

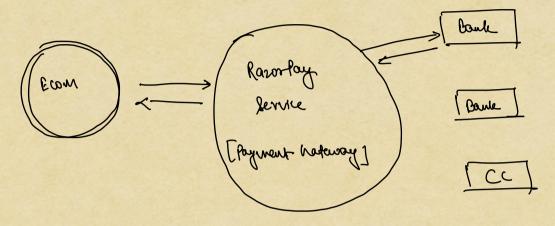
 "Werface for an appr

?wterface Rumable }
Void roun(); - any class that implements Rumable has to implement the run method, Sort of the a contract by w the Interface and the class implementing it. API = contract

defention if onyone wants to connect (comm. to our genice it has follow the APL contract API => major 4 things + HTTP => PUT, POST, GET, - . -HIM Read about + endpoint un => ____ HTTP wethods 1/2 + request s) old & Jeshons -> -

* Razorlay

Greate order

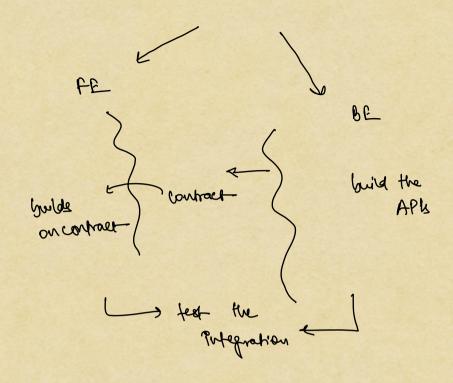


- -> whenever dapper are talking to each other, they must have a well defined contract:
 - where I How
 - -> what to kind
 - -> what us he recious

API "> Set of methods | endpoints | functionalities that one praided by system for us to use.

>> Product Manager!

Defines what is required to be built



11) What Is REST ?

REST => Representational State Transfer Stateless?

every call feels like a new unique call to some

REST uses HTTP

APB - REST APE

=> Best practices for REST APRS:

1) Use Descriptive Naming:

API for order details for a particular user

good => < _____ | get-orders

| good => < _____ | years | \ y werld \} | orders

2) Name around resources & methods should define action

Create | Createvser

Read | get vser

Delete | Audevser

Updatevser

Ver

Create

lusers -> POST

Read

lusers - MET

Delete

(users -> DELETE

Updan

lusers - PUT

- 3) Include proper HTTP codes
- 4) Maryain vissions

Crés => (wers >) gines ust of an user

VI | WARRS -> K

/ U2/ WOOMS ->

REST has no mandate over the exchange format

JSON (XML | ProtoBufe

