

Idempotency \rightarrow property in web dev
where if a request is made multiple times,
it ~~doesn't~~ has no effect on the server's
final state

↓ Idempotent

Not Idempotent

eg: PUT /user/123 \rightarrow 1 time
OR 10 times
name: "Kc"
results in same state

POST /order
item: "book"
 \hookrightarrow 10 books

GET, PUT, DELETE → YES

POST, PATCH → NO

Can be converted
to Idempotent → By Keys

Interpreter Design Pattern ↓
Request & responses
are intercepted at
defined points to
apply cross cutting
Logic