

Make Backward Compatability Easy

Make Your Interfaces Explicit

Make Your API's Technology Agnostic

Make Your Service Simple for Consumers

Hide Internal Implementation Detail

GraphQL

Message Brokers

Remote Procedure Calls (RPC)

i.e., SOAP, gRPC

REST

interface definition language (IDL)

Representational state transfer

generate stubs

client server stubs

Customer

Customer createCustomer(String name, double age)

Customer createCustomer(String firstName, String lastName, double age)

REST over HTTP

HTTP verbs (e.g.
POST, GET, PUT)

fits synchronous
request-response model

