

Introducing REST APIs



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- Separation between client and server
- Self contained requests (stateless)
- Cacheable
- Layered architecture to allow intermediaries
- Uniform method of communication between client and server
- (Optional) Code on Demand

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Core Ideas

- Communicate with Application Resources
- Generally uses HTTP Requests

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Ways to Modify Resources in REST

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- Retrieve
- Update
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HTTP Requests

HTTP Request

POST

GET

PUT

DELETE

Action

Create an item/send information

Retrieve items from the server

Update a resource

Remove a resource

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- Pretty uniform once you know the basics
- Lots of frameworks to help you out (we're going to use Flask)
- Extremely scalable and lightweight

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It's Fun!

Most of the services you use have an API that can be used to do cool things!

Enough talking.
Let's do something cool.

Grab a copy of the [starter code](#).