

Server Side APIs Part 2

CRUD - Create, Read, Update, Delete
POST, GET, PUT, DELETE

HTTP Status codes

If you are a cat person: [HTTP Cats](#)

If you are a dog person: [HTTP Dogs](#)

If you feel way too grown up for any of this meme nonsense: [HTTP Status Codes](#)

Java Beans (basically, the POJOs of the Model)

The 'beans' of JavaBeans are classes that encapsulate one or more objects into a single standardized object (the bean). ... As part of the standardization, all beans must be serializable, have a zero-argument constructor, and allow access to properties using getter and setter methods.

HATEOAS

*(Usually pronounced **hay-dee-us**, but there's little agreement)*

Hypermedia as the Engine of Application State (HATEOAS) is a constraint of the REST application architecture that distinguishes it from other network application architectures.

With HATEOAS, a client interacts with a network application whose application servers provide information dynamically through hypermedia. A REST client needs little to no prior knowledge about how to interact with an application or server beyond a generic understanding of hypermedia.

Reign

Time to give feedback on your Pairs partner. Compliments, complaints, whatever. It gives us a chance to help those who need help overcoming their antisocial tendencies.

<https://te-reign.azureedge.net/>

user: email

password: TechElevatorStudent

Whiteboarding

1. In comments, write down the task given
2. In comments, write out what you think you need to do
3. Start with a valid method signature (practice these)
4. Write code to do the thing under the comment that says to do the thing

The importance here is that even if you never got to step 4, you would have shown that you could listen, follow directions, break a problem down into parts, and think logically. Also, that you are familiar enough with Java to write the method signature. After all that, it matters less how well you actually write the code, which is a hard thing to do well under pressure.