

Angular HTTP Playbook

Understanding the HTTP Client



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Version Check



Version Check



This course was created by using:

- Angular 17



Version Check



This course is 100% applicable to:

- Angular 13
- All the way up to Angular 18



HTTP – Hypertext Transfer Protocol

HTTP is a protocol for fetching resources such as HTML documents. It is the foundation of any data exchange on the Web and it is a client-server protocol, which means requests are initiated by the recipient, usually the Web browser.



CRUD Operations

Create

Read

Update

Delete



HTTP and CRUD

POST (Create)

GET (Read)

PUT (Update)

DELETE (Delete)



HTTP Functionality



Offers a simple but robust API for making HTTP requests



Available as an Angular service class



Offered as a part of the “angular/common/http” package



HTTP Client Observable API

```
constructor(private http: HttpClient) {}

getCoffees(): Observable<Coffee[]> {
  return this.http.get<Coffee[]>(coffeeUrl);
}
```



Demo



Setting up:

- HttpClientModule
- provideHttpClient
- Note on legacy setups



Demo



GET requests:

- Requesting JSON and parsing it
- Setting request headers
- Constructing URLs
- Setting Query Parameters



Demo



POST and PUT requests:

- Using request entities
- Creating and updating records



Demo



DELETE requests:

- Delete resources by id
- Delete using a request body

