



RUTGERS | CODING BOOTCAMP

Session 7.2 - Intro to Firebase

Intro to Firebase

Objectives

- To introduce the utility of server-side storage systems like Firebase
- To provide a grasp of the basic methods for storing and retrieving data in Firebase
- To introduce the concept of user "presence" in Firebase

Client vs. Server

The Client-server characteristic describes the relationship of cooperating programs in an application. The server component provides a function or service to one or many clients, which initiate requests for such services.

Servers are classified by the services they provide. For instance, a web server serves web pages and a file server serves computer files. A shared resource may be any of the server computer's software and electronic components, from programs and data to processors and storage devices. The sharing of resources of a server constitutes a service.

Client vs. Server

- Client refers to the visitor of a site or the user a resource.

Examples

- Website visitor
 - Website code that connects to a database
- Server refers to the provider of a resource that is used by visitors

Examples

- The web server that holds the resources (HTML, images, CSS, etc.) for a website.
- Database that stores website data

Database

A database is a collection of information that is organized so that it can easily be accessed, managed, and updated. In one view, databases can be classified according to types of content: bibliographic, full-text, numeric, and images.



Oracle Campus



Firestore

Firestore's primary product is a realtime database which provides an API that allows developers to store and sync data across multiple clients.

Firestore can power your app's backend, including data storage, user authentication, static hosting, and more.



Podcast of the Week



Adventures in Angular

A weekly show dedicated to the
AngularJS framework.

<https://devchat.tv/adventures-in-angular>

Coding Tips

- Create a Real Programming Environment
- Make Programs From Scratch
- Start Small
- Write Lots of Code
- Ask for Help
- Ask for Help the Right Way



http://www.programmingforbeginnersbook.com/blog/when_you_know_the_basics_but_you_still_cant_code/