

Sync vs Async Communication

Request and wait for a response
Fire and forget with messages/events

@honey/23

Synchronous



Request-response model

Send a request and wait for some response
Example: API requests

Asynchronous



Fire and Forget model

Send message/event and forget
Example: Event Driven Architecture

For Beginners Async Communication

Wallace B. McClure



For Beginners Async Communication:

Django for Beginners, Fifth Edition William S. Vincent, 2024-07-11 Completely updated for Django 5 Django for Beginners is a project based introduction to Django the popular Python based web framework It is suitable for total beginners who have never built a website before and professional programmers looking for a fast paced guide to modern web development and Django fundamentals The completely revised fifth edition takes a practical approach introducing concepts through six projects designed to simulate real world scenarios From a Hello World website to a message board application a blogging platform and a newspaper CMS you ll learn about Django s architecture and how to add new functionality step by step This book is for readers with basic Python knowledge and programmers transitioning to Django from other web frameworks It is a fast paced guide that aligns with current best practices and modern web development with Django ensuring you re learning the most relevant and applicable skills In the book you ll learn how to Build 6 websites from scratch including a Blog platform and Newspaper CMS Deploy online using security best practices Implement signup login logout password change and password reset Customize the look and feel of your sites Write tests and run them for all your code Add permissions and authorizations to make your app more secure If you re curious about Python based web development Django for Beginners is a best practices guide to writing testing and deploying your own websites quickly

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