

# Concurrent Programming in Swift 5

Grand Central Dispatch



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# Threads

UI/Main thread

Other threads

Knowing which is in use

Possible problems

# Execution

**Serial**

**Concurrent**





**async/sync**

**sync**

**async**

# Queues

**Dispatch queues**

**Main vs. Global**

**Grand Central Dispatch**

# Data Cache Project

## Requirements:

- Fetch data from server
- Store in file structure
- Update UI when done