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IOS Development

Interview Questions

What is Core Data and what is it used for in iOS development?

Core Data is a framework used for managing data storage in iOS apps, often used for complex data models. It is used to create, read, update, and delete data from a database or persistent storage layer.

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IOS Development

Interview Questions

What is the difference between NSManagedObject and NSManagedObjectContext?

NSManagedObject is a class used to represent objects managed by Core Data, while NSManagedObjectContext is a class used to manage the object graph for a Core Data stack.

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IOS Development Interview Questions

What is the role of a persistent store coordinator in Core Data?

A persistent store coordinator is responsible for managing the communication between the application and the persistent store(s) used by Core Data. It coordinates the operations of the managed object context and the persistent store(s) to ensure that the data is stored and retrieved correctly.

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IOS Development

Interview Questions

What are the different types of persistent stores available in Core Data?

The different types of persistent stores available in Core Data are SQLite, Binary, XML, and In-Memory.

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IOS Development Interview Questions

What is a fetch request in Core Data and how is it used?

A fetch request is a Core Data object that describes the criteria for retrieving data from the persistent store. It allows you to specify a set of conditions for which objects to retrieve, and how they should be sorted and filtered.

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IOS Development Interview Questions

What is the purpose of a fetch results controller in Core Data?

A fetch results controller is a class provided by Core Data to manage the results of a fetch request. It automatically manages the creation of sections and index titles based on the sort descriptor of the fetch request.

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IOS Development

Interview Questions

What is the difference between a fault and a fully realized object in Core Data?

A fault is a placeholder object that represents a managed object that has not yet been fully realized, while a fully realized object is an object that has been fully loaded from the persistent store.

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IOS Development

Interview Questions

What is a relationship in Core Data and how is it defined?

Relationship is a connection between two or more entities in a Core Data model. It defines how objects in one entity relate to objects in another entity.

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IOS Development Interview Questions

What is the purpose of a migration policy in Core Data?

A migration policy is used to handle changes to a Core Data model when updating an app. It specifies how data should be migrated from the old model to the new model.

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IOS Development Interview Questions

How do you handle concurrency in Core Data?

Concurrency in Core Data can be handled using either a single-threaded approach or a multi-threaded approach. In a single-threaded approach, all Core Data operations are performed on the main thread, while in a multi-threaded approach, multiple threads can perform Core Data operations at the same time using different managed object contexts.

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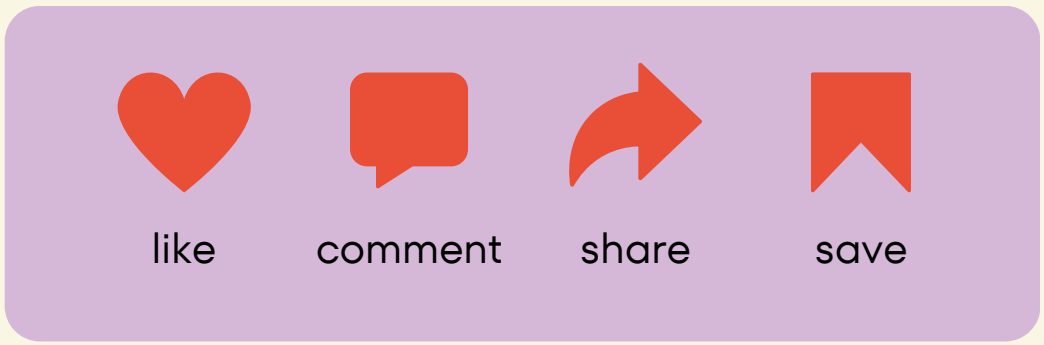

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