Core Data / Batch processing

API Collection

Batch processing

Use batch processes to manage large data changes.

Topics

Data Inserts

class **NSBatchInsertRequest**

A request to insert a batch of data in a persistent store.

class **NSBatchInsertResult**

The result that Core Data returns when executing a batch-insertion request.

Data Updates

class **NSBatchUpdateRequest**

A request to Core Data to do a batch update of data in a persistent store without loading any data into memory.

class **NSBatchUpdateResult**

The result returned when executing a batch update request.

Data Deletion

class **NSBatchDeleteRequest**

A request that deletes objects in the SQLite persistent store without loading them into memory.

```
class NSBatchDeleteResult
```
An object that describes the result of a batch delete request.

See Also

Background tasks

📄 Using Core Data in the background

Use Core Data in both a single-threaded and multithreaded app.

{} Loading and displaying a large data feed

Consume data in the background, and lower memory use by batching imports and preventing duplicate records.

☰ Conflict resolution

Detect and resolve conflicts that occur when data is changed on multiple threads.