Using Sembast

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sembast

Simple Embedded Application Store

sembast

Single File

Loaded in memory

Document Based

Data Stored in JSON

Written in Dart

Android, iOS and Web

Overview

Adding sembast to the project

Using DatabaseFactory and StoreRef

Read and Write data with Sembast

Encrypting Data

```
DatabaseFactory dbFactory =
databaseFactoryIo;
```

- Use databaseFactoryIo to open Sembast databases

```
final db = await
dbFactory.openDatabase(dbPath);
```

- The openDatabase method takes the db Path

```
final store =
intMapStoreFactory.store('mystore');
```

- A Store is where you save data inside a Database

```
await store.add(db, myObject.toMap());
```

- Add a new document into a store

```
final finder = Finder(

   sortOrders: [SortOrder('name'),]

);


final snapshot = await
  store.find(_db, finder: finder);


return snapshot.map((item) {

   return Password.fromMap(

     item.value);

   }).toList();
```

- ◀ Order documents with a Finder instance
- ◀ Retrieve existing data
- ◀ Returning a List of Objects

```
final finder = Finder(
  filter: Filter.byKey(myObject.id));
```

◀ Filter documents with a Finder instance

```
await store.update(
   db,
   myObject.toMap(),
   finder: finder);
```

◀ Update existing data

```
await store.delete(db, finder: finder);
```

◀ Delete data

Summary

Sembast

- Create
- Read
- Update
- Delete

Encrypting Data