

Persisting Data Locally with Flutter

CHOOSING YOUR STORAGE SOLUTION



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Version Check



This version was created by using:

- Visual Studio Code (2019)
- Flutter 1.4



Version Check



This course is 100% applicable to:

- Flutter 2.5
- Any version of Visual Studio Code



Relevant Notes



Note:

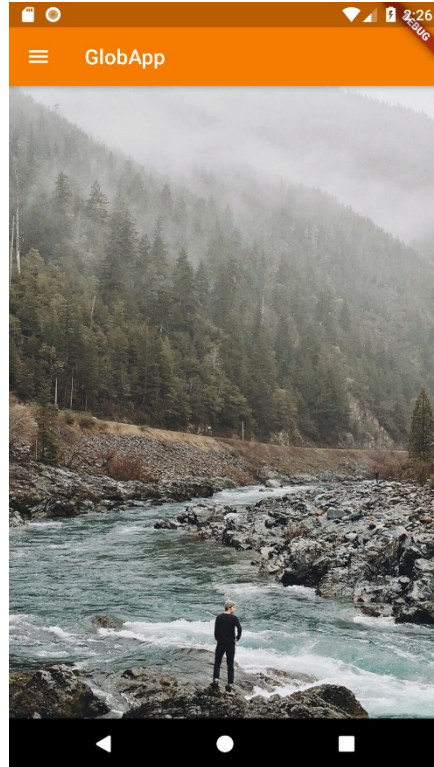
- The code enforces Null Safety



Flutter



GlobApp



Settings

Passwords

Notes

Blog Posts

Files



Course Layout



Using SharedPreferences



Using Sembast



Using SQLite



Using Moor



Writing to Files



Flutter Features



Singleton Pattern



Provider



Code Generation



Encryption



Prerequisites

Dart Basics

Widgets

State Management

Layouts

Flutter: Getting Started



Which Platform?
How Much Data?
Which kind of Data?



Which Platform?

	Mobile iOS -Android	Web	Desktop
SharedPreferences	✓	✓	!
Sembast	✓	✓	✓
SQLite (sqflite)	✓	✗	✗
Moor	✓	✓	!
File Storage (path_provider + share)	✓	✗	✗



Fully Supported



Not Supported



Supported with code
changes or requirements



Which Data?

	BLOB	Size	Secure
SharedPreferences	✗	✗	✗
Sembast	✓	!	✓
SQLite (sqflite)	✓	✓	✓
Moor	✓	✓	✓
File Storage (path_provider + share)	✓	!	✗

✓ Yes

✗ No

! No size limits, but fully loaded in memory



SQL or NOSQL?

	SQL	NOSQL
SharedPreferences		✓
Sembast		✓
SQLite (sqflite)	✓	
Moor	✓	



Other Tools



Hive



Floor



Firebase

