

Getting started with smart contracts and the Solidity language {#getting-started-with-smart-contracts-and-solidity}

Tutorials {#tutorials}

- [Flutter and Blockchain – Hello World Dapp](#) takes you through all the steps to get started:
- Installing the [Truffle development suite](#)
- Writing a smart contract in [Solidity](#)
- Writing a user interface in Dart
- [Building a Mobile dapp with Flutter](#) is a lot shorter, which might be better if you already know the basics
- If you prefer to learn by watching a video, you can watch [Build Your First Blockchain Flutter App](#), which is about an hour long
- If you are impatient, you might prefer [Building a Blockchain Decentralized-app with Flutter and Dart on Ethereum](#) which is only about twenty minutes
- [Integrating MetaMask in Flutter application](#) - this short video takes you through the steps of integrating MetaMask into your Flutter applications

Working with Ethereum clients {#working-with-ethereum-clients}

You can use Ethereum to create decentralized applications (or "dapps") that utilize the benefits of cryptocurrency and blockchain technology. There are at least two currently maintained libraries for Dart to use the [JSON RPC API](#) for Ethereum.

1. [Web3dart from simonbutler.eu](#)
2. [Ethereum 5.0.0 from darticulate.com](#)

There are also additional libraries that allow you to manipulate specific Ethereum addresses, or that let you retrieve prices of various cryptocurrencies. [You can see the full list here](#)