Smart contracts are used to build interesting applications on the Ethereum network:  
Smart contract: An account controlled by code authored by me (the developer).

|  |  |
| --- | --- |
| Field | Description |
| Balance | Amount ether in account |
| Storage | Data stored for application we’re building relevant for the contract |
| Code | Raw machine level code for the co tract |

External account: Our account on metamask. These accounts are decoupled from an individual network

Contract source code can be deployed to contract instances on a specific network.

Solidity:

Written in .sol files

Strongly typed:

How solidity works:

Contract definition 🡪 Solidity compiler 🡪 This gives us an ABI (Application Binary Interface) and byte code- ready for deployment