WRAP UP

What you learned

LIBRARIES

- Great if audited

- Virtually no standard library

- A lot of people working on one

- Great for function-overloading

- Upgradability with workarounds

IMPORTS

- Remix
  - Imports from Github

- Truffle
  - Imports from local files
  - EthPM (very small)

- Solc
  - Imports from local files
  - With targets

.SEND(), .CALL.VALUE(), .TRANSFER()

- Low-Level functions return boolean
  - Don't forget to check

- Use addr.transfer()
  - Delegates gas
  - And Exceptions

EXCEPTION HANDLING

- Early only „throw;"

- Now require(), assert(), revert().

- Require-style exceptions return gas

- Assert-style exceptions use up all the gas

DIFFERENT FRAMEWORKS

- Remix
  - IDE in the Cloud
  - Debugger
  - Good for small Contracts

- Truffle
  - Full blown contract management
  - Testing framework

- Any Frontend-Framework for DApps.

SOLIDITY SECURITY

- Keep it simple and modular

- Checks-Effects-Interactions patter

- Be careful with Randomness

- Don't use tx.origin for authorization

THANKS!

- Questions?
  - Head over to the Q&A
  - Or look into our course repository

- Feedback would be appreciated

- See you in the next Section!