

HS18

DSA CHALLENGE TASK

Distributed Chat

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Peer to Peer Kommunikation in Javascript

LibP2P

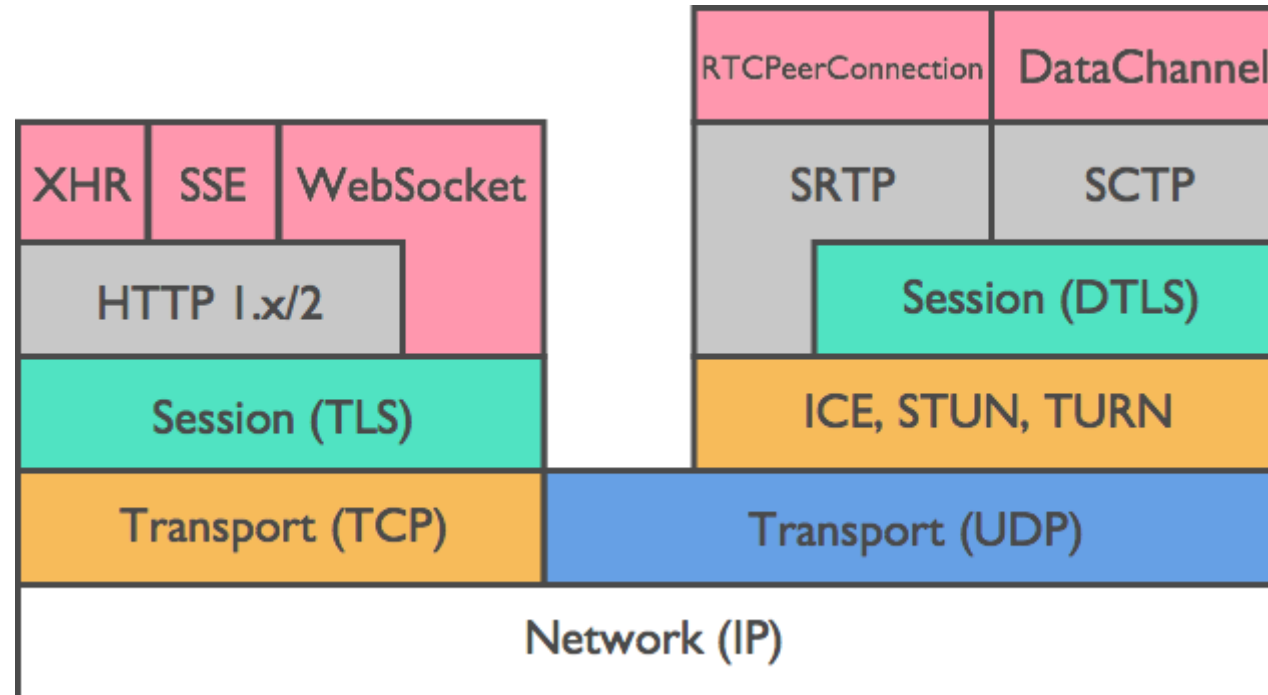


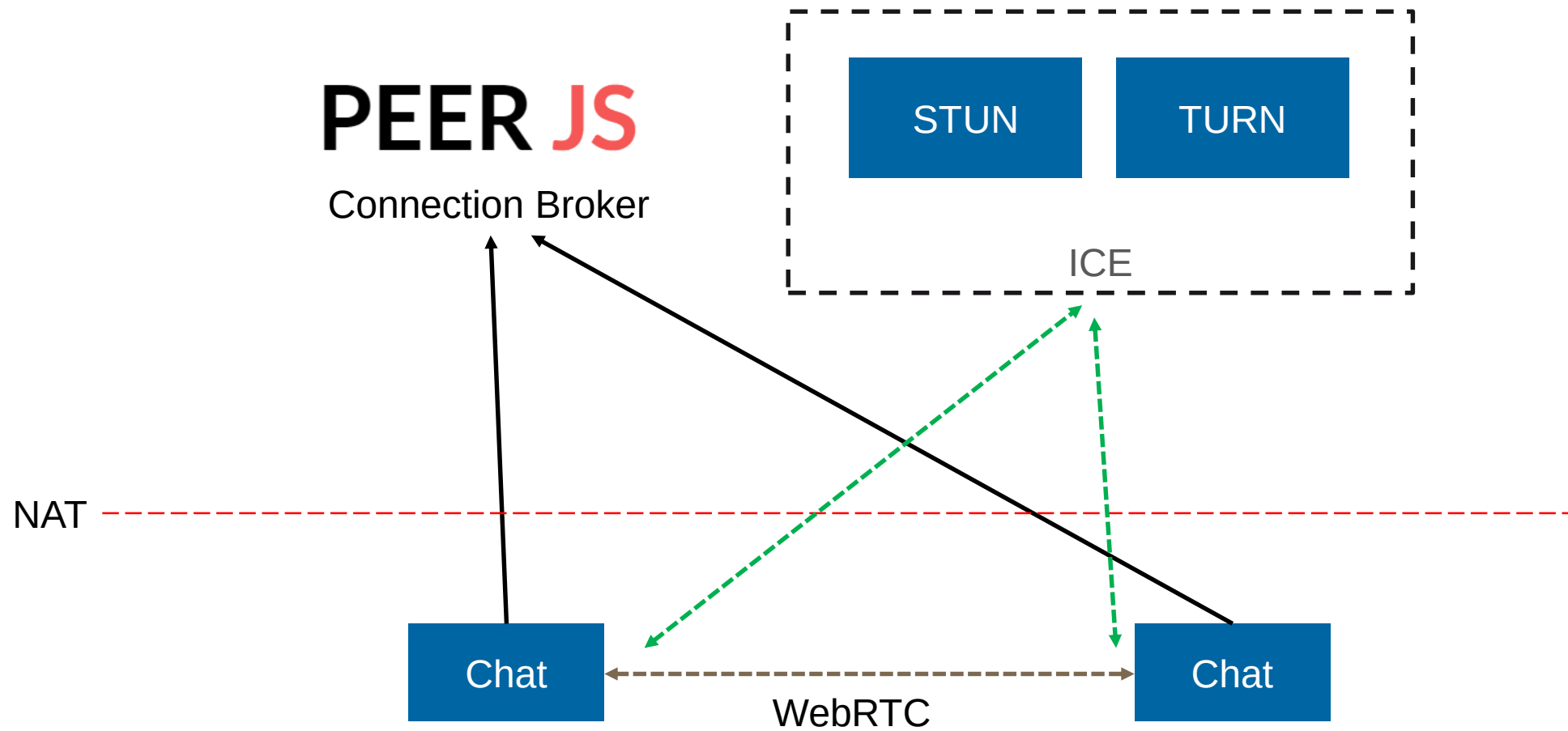
<https://github.com/libp2p/libp2p>

PEER JS

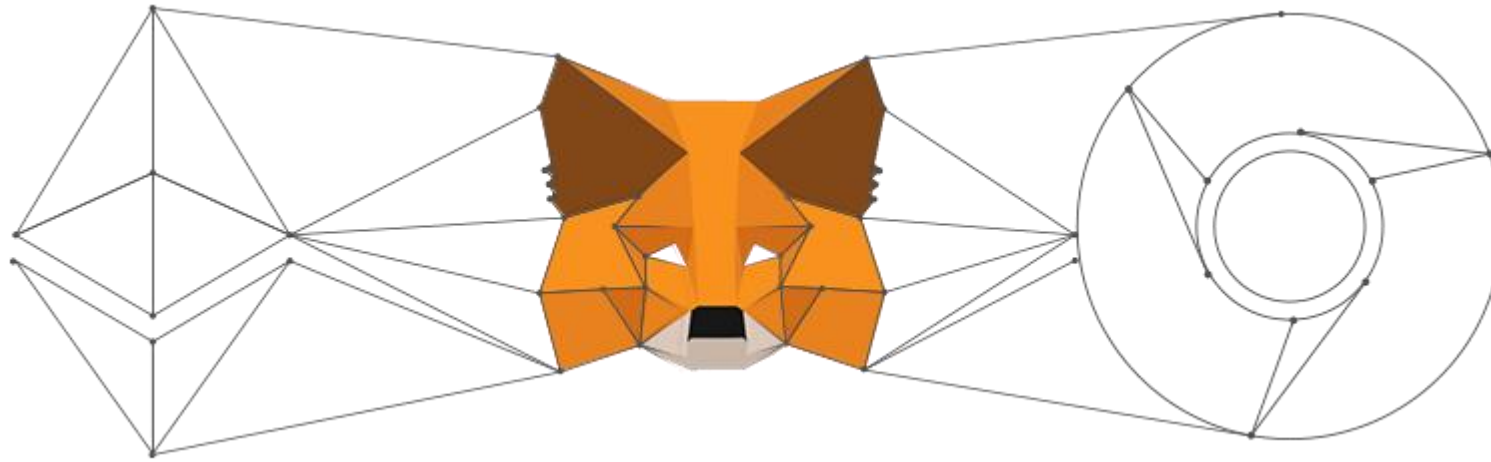
PEER JS

<https://peerjs.com/>





Meta Mask

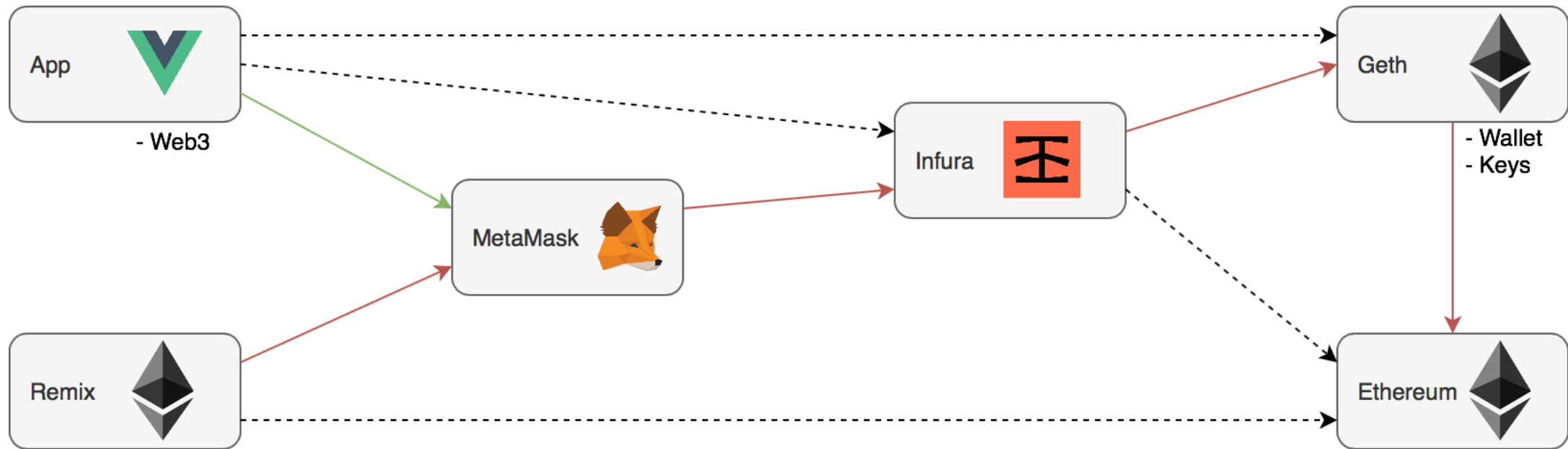


Ethereum Contracts Deployment

- **Metamask Account im Rinkeby Testnetz**
- **Testcoins beantragen**
- **Contract mit Solidity auf Ethereum Remix**
- **Schwierigkeiten:**
 - Verständnis
 - Web3

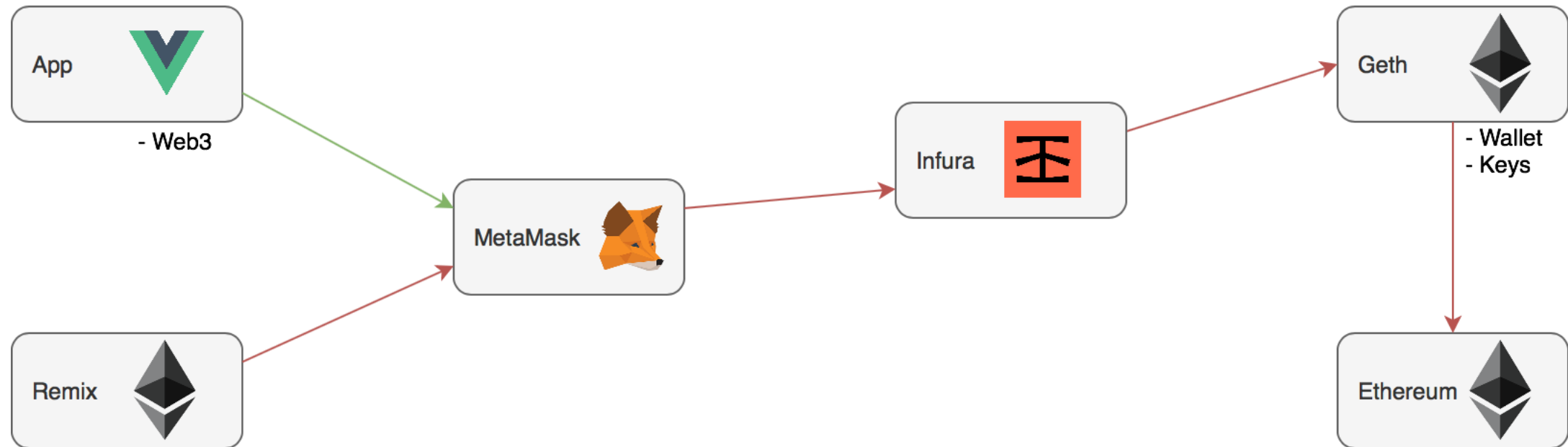
Ethereum Contracts Deployment

■ Vorgehensweise



Ethereum Contracts Deployment

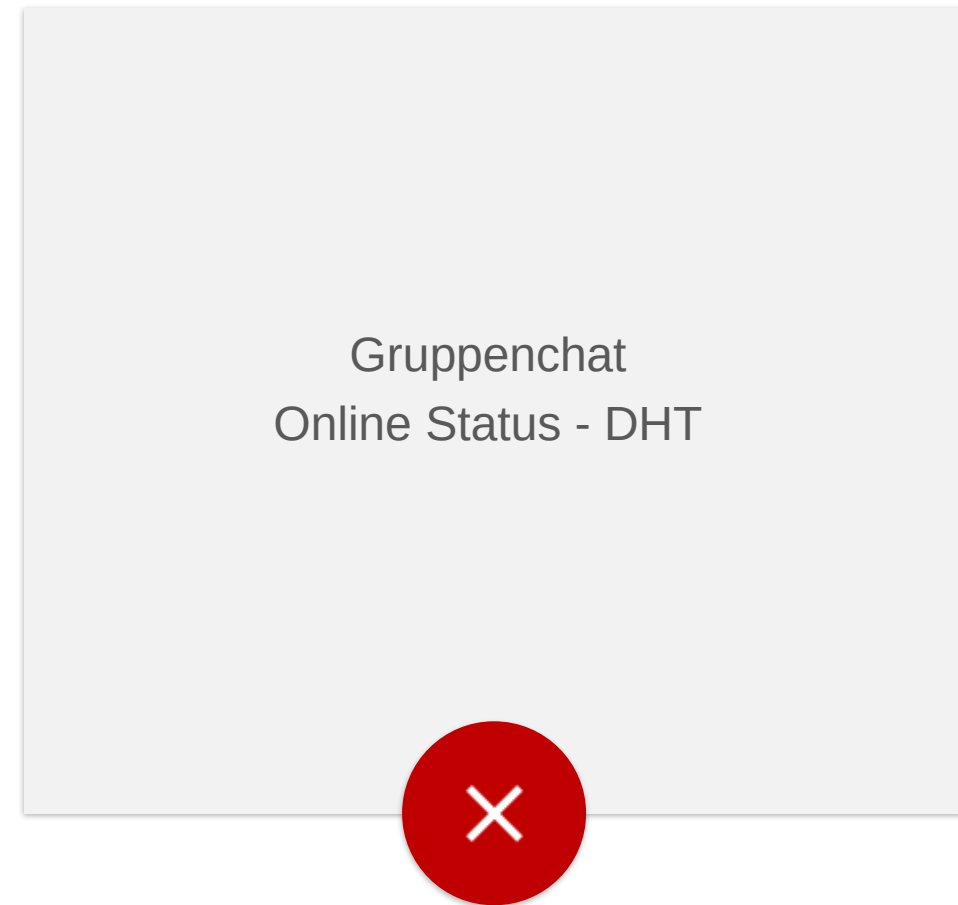
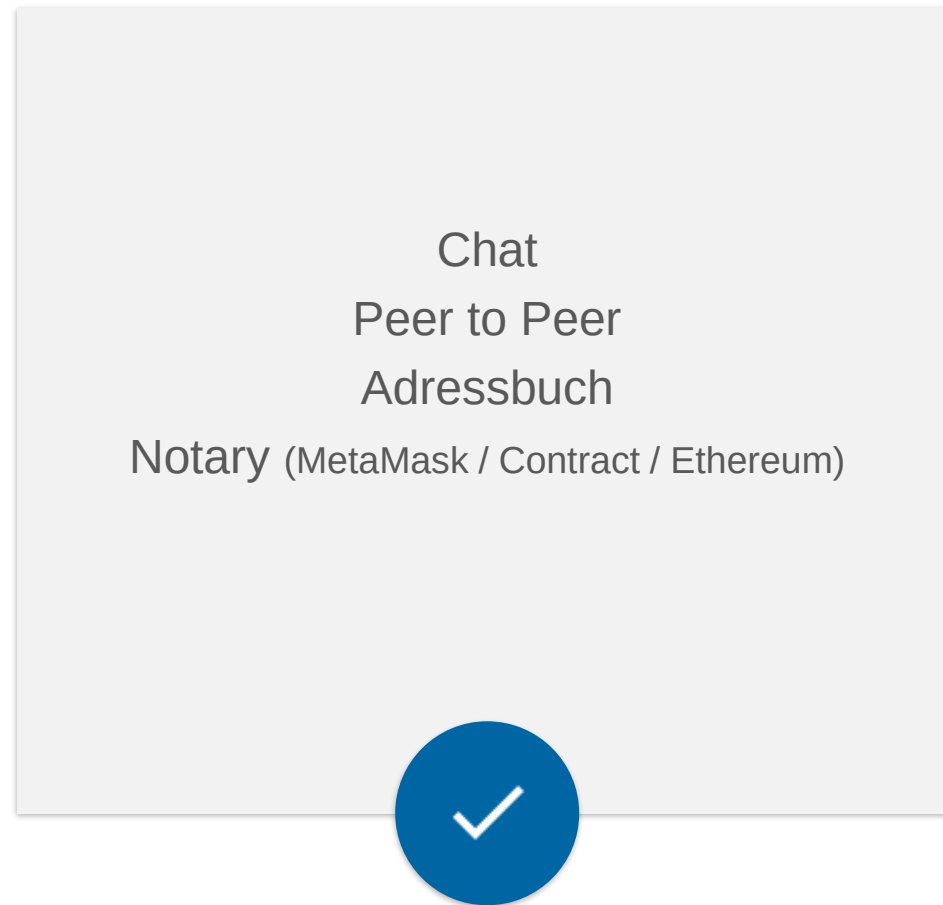
■ Vorgehensweise



Ethereum Contracts Deployment

■ Vorgehensweise





DSACHAT

MetaMask ID:
0xe51591b12f6514ec25b2ee16220649c38414a2da
Local ID: c6360e24-42e0-49ff-9a9e-3171fa806d75 

Remote Peer ID

ADD CONTACT

Contactbook

aaafa0980-3aad-4097-b033-f3cd181aeab1 

20aecfb1-394b-413f-bc0a-2c92c537f3a8 

New Message

SEND MESSAGE

Hi

CHECK NOTARY

I'm fine and you?

CHECK NOTARY

Notarized a few seconds ago

Great.

NOTARIZE

Hello, how are you?

NOTARIZE

Thanks. I've something secret to tell you.

I ate pizza today.

NOTARIZE

Questions?

Danke!