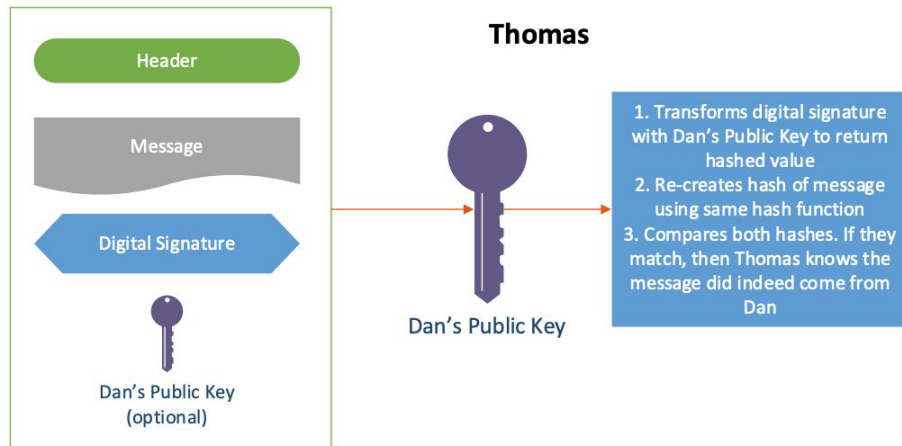
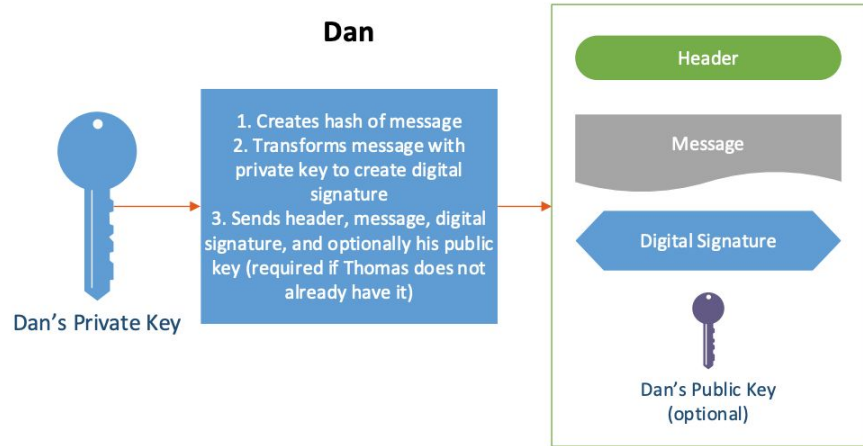


Certificate authority

Marko Šidlovský, Filip Ravas





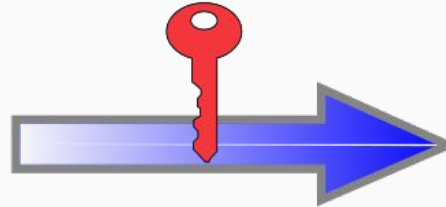
Certificate authority

- issues digital certificates
- commercial / free / personal
- server / client certificate
- sign certificates used in HTTPS, electronically signing documents

Identity Information and Public Key of Mario Rossi



Certificate Authority
verifies the identity of Mario Rossi
and encrypts with it's Private Key



Certificate of Mario Rossi



Digitally Signed by
Certificate Authority

OpenSSL Certificate Authority

- OpenSSL command-line tools
 - Create the root pair
 - Create the intermediate pair
 - Sign server and client certificates
 - Certificate revocation lists

Zdroj: <https://jamielinux.com/docs/openssl-certificate-authority/>

DEMO