

Stateless OpenPGP API

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Daniel Kahn Gillmor

Stateless OpenPGP API (a.k.a. “SOP”)

- Minimalist high-level interface
- Implementers must make choices about what goes on the wire
- Good for interoperability testing (see <https://tests.sequoia-pgp.org/>)
- Useful for describing what features OpenPGP offers

Known Implementations

- Native:
 - PGPainless
 - OpenPGP.js
 - GOpenPGP
 - Sequoia
 - PGPpy
 - LibTMCG (dkgpg)
- Wrapper:
 - GnuPG
 - RNP

Turning over SOP to the WG

- Spec changes that have semantic consequences should update SOP
- Can we keep it simple?