Stateless OpenPGP API

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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
  - PGPy
  - 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?