

Default key generation, encrypt-decrypt roundtrip

This models key generation, distribution, and encrypted message exchange. Generates a default key with the producer *P*, then extracts the certificate from the key and uses it to encrypt a message using the consumer *C*, and finally *P* to decrypt the message.

message.

		Consumer	Sequoia/1.1.0	dkg/1.2.0	GopenPGP/v2.1.1	OpenPGP.js/v4.10.10	PGPainless/CLI	RNP/0.0.0+git20210301.ffcfb63	SOPGPpy/0.1.0/0.5.3	GPGME/2.2.27	GPGME/1.4.23	Expectation	Comment
Producer	Artifact												
Sequoia/1.1.0	<input type="checkbox"/>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✗</div>	<div>✓</div>	✓	Interoperability concern.
dkg/1.2.0	<input type="checkbox"/>	<div>✗</div>	<div>✓</div>	<div>✗</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✗</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	✓	Interoperability concern.
GopenPGP/v2.1.1	<input type="checkbox"/>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	✓	Interoperability concern.
OpenPGP.js/v4.10.10	<input type="checkbox"/>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	✓	Interoperability concern.
PGPainless/CLI	<input type="checkbox"/>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✗</div>	<div>✓</div>	✓	Interoperability concern.
RNP/0.0.0+git20210301.ffcfb63	<input type="checkbox"/>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	✓	Interoperability concern.
SOPGPpy/0.1.0/0.5.3	<input type="checkbox"/>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✗</div>	<div>✓</div>	✓	Interoperability concern.
GPGME/2.2.27	<input type="checkbox"/>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	<div>✓</div>	✓	Interoperability concern.
GPGME/1.4.23	✗											✓	Interoperability concern.