

Java Privacy Guard

An implementation of the OpenPGP Message Format in Java

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Problem:

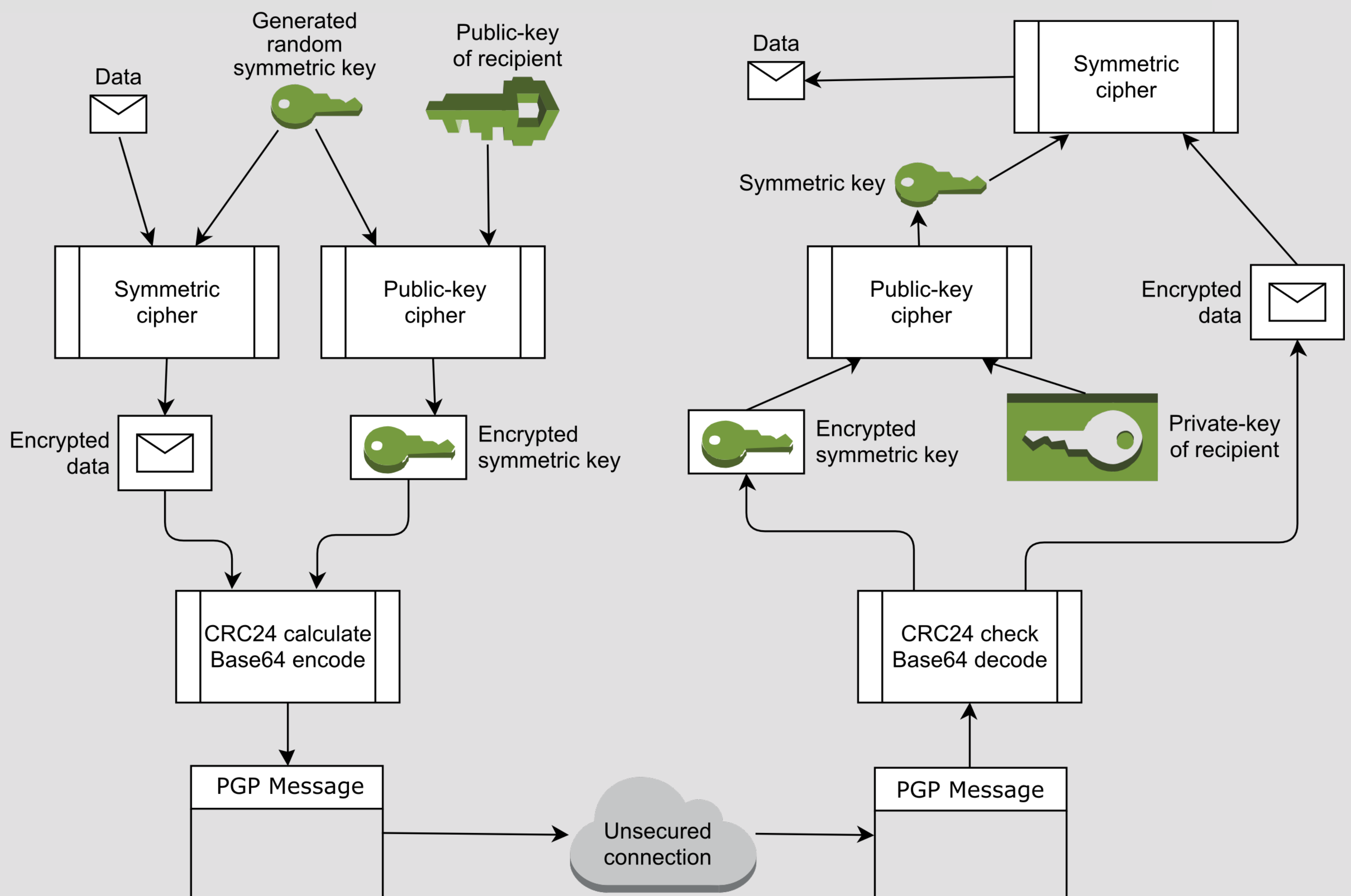
OpenPGP is a non-proprietary protocol for encrypting and signing data. It combines public-key and symmetric cryptography.

IAIK's set of Java-based tools lacks an implementation of PGP. Yet.

Goals:

- Implement RFC 4880 (OpenPGP) in Java
- Test interoperability with other implementations
- Evaluate integration in the Java JCA
- Implement a user interface to demo the library

Principle of OpenPGP encryption & decryption



Resources:

- *RFC 4880 (OpenPGP Message Format)*: <https://tools.ietf.org/html/rfc4880>
- *IAIK Java Cryptography Extension*: <https://jce.iaik.tugraz.at>
- *This project's source code*: <http://jpg.2904.cc>