PaperCrypt Recovery Sheet

What is this?

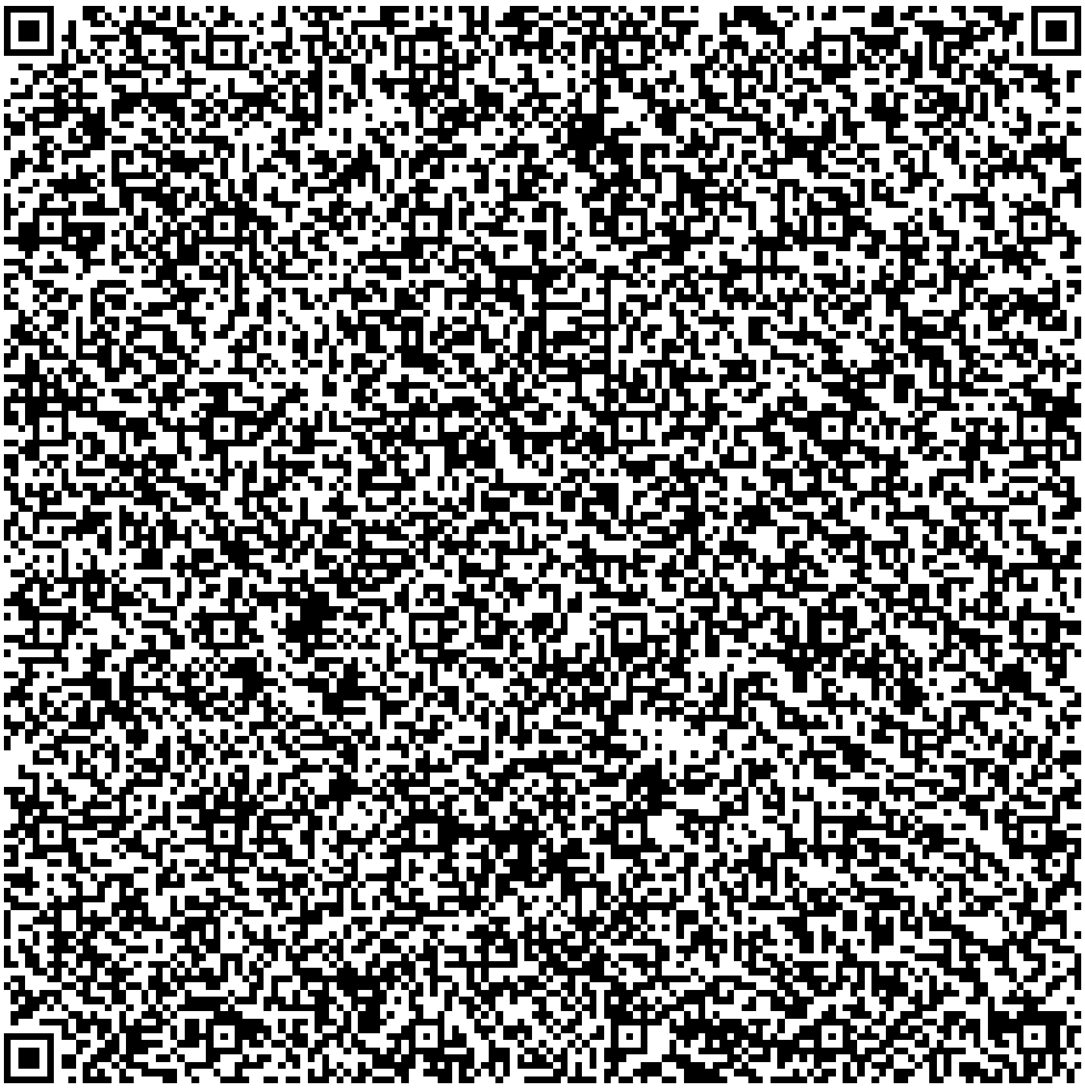
This is a PaperCrypt recovery sheet. It contains encrypted data, its own creation date, purpose, and a comment, as well as an identifier. This sheet is intended to help recover the original information, in case it is lost or destroyed.

Binary Data Representation

Data is written as base 16 (hexadecimal) digits, each representing a half-byte. Two half-bytes are grouped together as a byte, which are then grouped together in lines of 22 bytes, where bytes are separated by a space. Each line begins with its line number and a colon, denoting its position and the beginning of the data. Each line is then followed by its CRC-24 checksum. The last line holds the checksum of the entire block. For the checksum algorithm, the polynomial mask 0x864cfb and initial value 0xb704ce are used.

Recovering the data

Firstly, scan the QR code, or copy (i.e. type it in, or use OCR) the encrypted data into a computer. Then decrypt it, either using the PaperCrypt CLI, or manually construct the data into a binary file, and decrypt it using OpenPGP-compatible software.



```
# PaperCrypt/v1.0.0-beta0-17-ga1a3bfc-dirty
# Content Serial: AGGAIX
# Purpose:
# Comment:
# Date: Wed, 16 Aug 2023 18:15:43.862110700 CEST
# Content Length: 610
# Content CRC-24: 67e70a
# Content CRC-32: 6ab37ed7
# Content SHA-256: OXUk/CT1c/r+4RtqsvOfk03yGxM/YXptFYFuR4oYBnM=
# Header CRC-32: a9019827


-----BEGIN PGP MESSAGE-----
Version: GopenPGP 2.7.2
Comment: https://gopenpgp.org

wy4ECQMIMmzuqEU5utfgoorjfrZL20AaJAXSzJr/0GoR6Il9dExVOAGUSgCdLUTF
0sB7AXvHFL5mXSujSprkJ2YMAlIe44JtKEaANlVijAnKvc+4wWRpU/d+v6amNY7q
5QPTjWbjVA+OtnwafuH8W8ge35NBjN+RsNjOq/XaLrfsMTicbFeE1bsZ7IvXxYoO
g0K0k9Mr3BgtRyl2QTlHmWk5UuLqLB2WqWhgiHHh784+68cUbtFTEK6aF/1KlMft
FQeEa1IVFEq2g3enSL/vOU42OPRPhMym89HQnD46E4uZA+GuGBHmUEBdwkZiHWc7
PHine5q41rBbOou886+2/UVQK6oenPR8cfZvsAYzlbzodDE6YDq7zCFRPhOxc08c
P4kTTk6O3gfGyYBJ70e4FWCeuJIdNgqTx4zIB30LIYOpyChnV7r9q/16igEKopUy
fQzIU49HSTab/Mq/vEj95IY+eN2ryzjexdwU5wHs
=Xe2I
-----END PGP MESSAGE-----
```