

PaperCrypt Recovery Sheet

What is this?

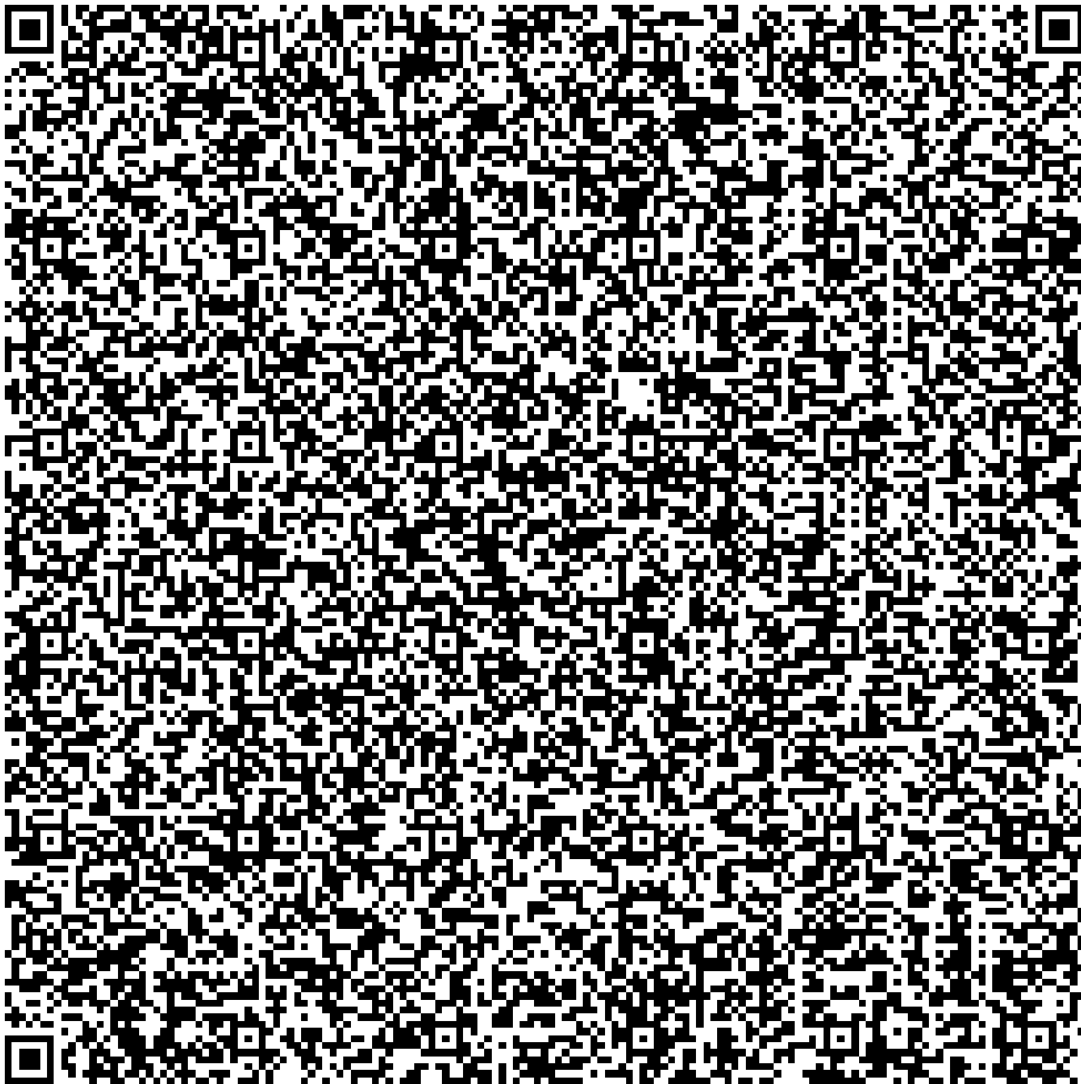
This is a PaperCrypt recovery sheet. It contains encrypted data, its own creation date, purpose, and a comment, as well as an identifier. This sheet is intended to help recover the original information, in case it is lost or destroyed.

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 Version: v1.0.0-beta0-20-g92709bd-dirty
# Content Serial: GFYRVJ
# Purpose: Example Sheet
# Comment: Armoured PDF Example
# Date: Wed, 16 Aug 2023 20:29:41.962448600 CEST
# Serialization Type: openpgp/armor
# Content Length: 610
# Content CRC-24: dad954
# Content CRC-32: 72c21bd8
# Content SHA-256: 53Z0NugAtCXGFU05XSR/Bu/n4sA0wNY+pSh5LKL0O6A=
# Header CRC-32: 671224cb
```

-----BEGIN PGP MESSAGE-----

Version: GopenPGP 2.7.2

Comment: <https://gopenpgp.org>

```
wy4ECQMivUq+bS2+/J7g/4DWn26JsL6qxJYS4hdbijdwwnSLwzlnoWoyikU0VAM8
0sB7AW7PsRZHYNdFycIiEVpfg4AY6GMTrAv6lrB0Az+RQPvIftnrRtOXEYqrf/Pz
lDIx98VtoDXQTUCgClE7yHwVc6lY2ZOJ4AP1Oce9uALgvN33OWxt2fUgsEgDr73G
t6RYOkFxjZbjea/dDONK4VHmhtShRD9ObS6MdOxU5LzcC4aVq1oLh1hGt2AFPr6x
RN+UorMSidJahO/2Q2ZuIGZayG82ArC+H+EhddnpJEK+sa87CK7jrLI7sCGDvPl5
YtdtSG+vSJnIoD0i2bUjVHfO+Zp6T2+vt6hThOILVhkf05VhWLNxZIDhimoi74C2
pqFXOrkQ2IhnwnUqmFZAw3BokDGXrq2eIxxDXRGNCpyocyed26IwbDH7cMitkQ+7
dF9k1cX0vBDSMB8OVQSQV5orAWCl+ndFZMJAz0Lb
=IKw1
```

-----END PGP MESSAGE-----