

PaperCrypt Recovery Sheet

What is this?

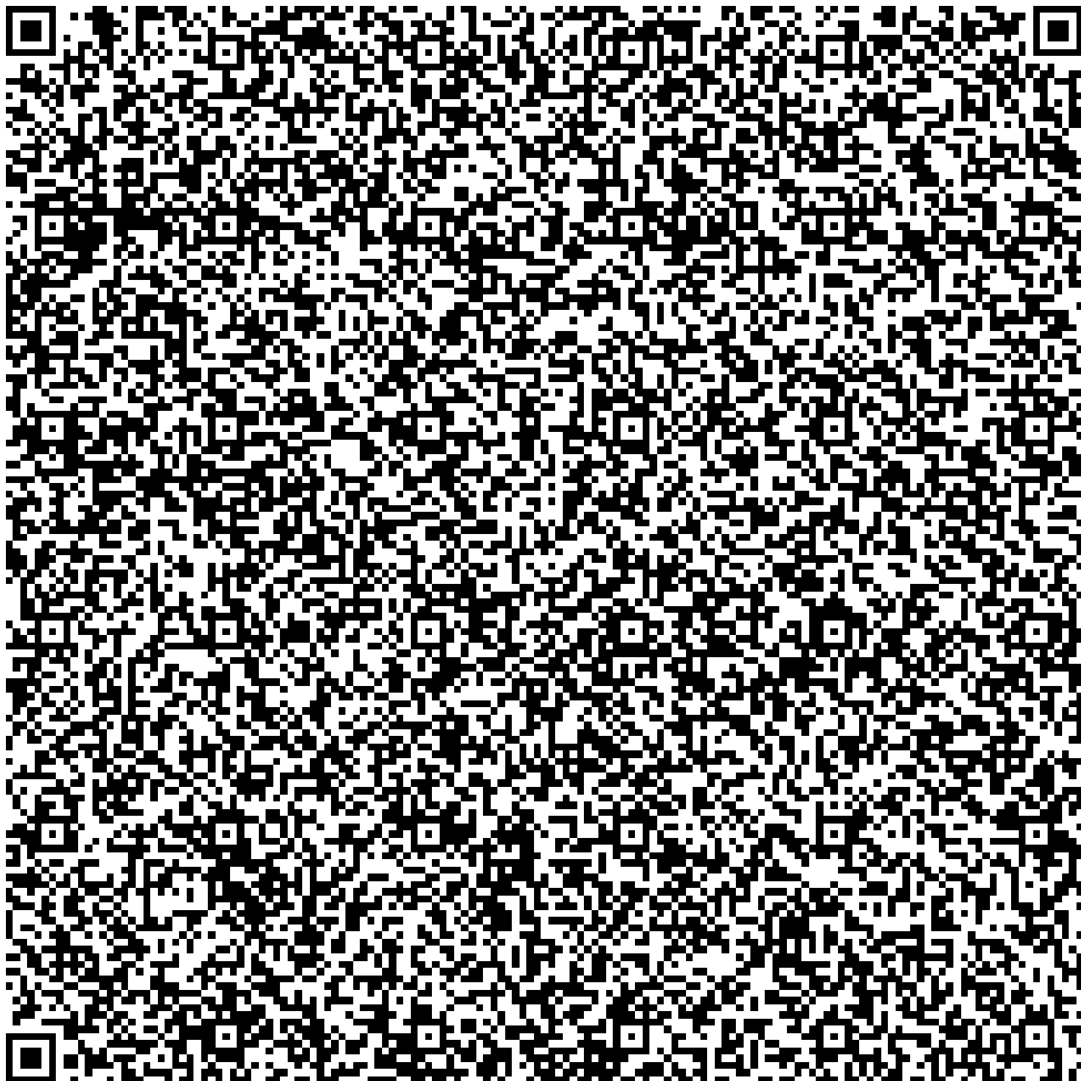
This is a PaperCrypt recovery sheet. It contains encrypted data, its own creation date, purpose, and a comment, as well as an identifier. This sheet is intended to help recover the original information, in case it is lost or destroyed.

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-gala3bfc-dirty
# Content Serial: DQYWDK
# Purpose:
# Comment:
# Date: Wed, 16 Aug 2023 18:15:43.648914000 CEST
# Content Length: 366
# Content CRC-24: 285c6
# Content CRC-32: 718624e1
# Content SHA-256: JB63F6q2t/2ZfUfx8h8/BmC9X2ydiM24iYcFS5jp8qw=
# Header CRC-32: 4dd393a7
```

```
1: C3 2E 04 09 03 08 E6 19 8B C6 84 98 FF 30 E0 50 FF E2 B2 BE 66 43 9F5F6B
2: 03 31 BF DA C7 7D E0 C8 CA 07 D6 4D AE 8F 98 99 E2 90 B4 7B D4 92 CFE001
3: 25 DC DC D8 D2 C0 7B 01 8C 71 E4 D1 EA 8C 9C B5 7D 09 3D 09 00 5B 8961CC
4: 3D 2F E7 CD 44 DE F8 D0 D9 92 91 C5 8B FC DE 5F F8 8C 8D E6 28 F5 65E0CA
5: 54 59 60 34 50 E0 52 71 98 79 E8 95 14 6A 4A A2 84 B5 8D 58 8F F4 B27C5B
6: C6 D2 B6 86 32 F1 EA 5F EC DB 8A 7C F9 AC 9B F6 EA 8A 8F DB 4B 43 9C4A4E
7: 85 7F 25 9B 9D 4A DA AD E6 65 1B E1 D1 7E D5 A3 01 4A 93 E5 59 47 3F4DB5
8: B1 60 5A 57 51 EF 01 38 57 D0 E4 32 7F 0B 96 34 A8 B7 D4 96 BA 27 0E22C6
9: EA F6 84 C4 F0 F6 2F 02 8F 4A 58 12 AF AB A8 B0 D8 14 2C 48 35 64 3E6736
10: 68 81 F2 40 9D 59 C8 A5 17 4A 68 6D 4D E1 FB C5 72 2E A2 BF 00 6F CFA9C2
11: 0C 01 08 15 83 5E 08 5B FE 52 07 82 7B 4F 4A 65 62 C5 E8 B7 57 31 44F9D5
12: CB B6 C3 FB 91 9B BB 40 A4 5F 51 CE 93 D1 AF 5D 72 B8 EA A5 B8 AE 12D016
13: B5 1E 30 3B A8 03 0D 6C 9C 02 6F 17 58 57 BA 33 22 B7 87 4B B7 75 9CEE6D
14: 23 53 61 AF D9 6D 61 8E 61 19 78 9B 8C 79 3E 40 24 66 28 0A 73 FD 059FFC
15: A0 76 67 18 4F 9C 42 86 42 61 95 65 3D AB 88 3A D6 B1 9D D9 88 BD F33A55
16: 47 1E FF 8D 72 7C 56 57 6E E2 B8 58 89 5A A4 43 34 98 8C 07 15 DA F3D3DD
17: 83 CF 3B 98 D9 CB 74 35 90 57 4E 9F 7A 7D DE79A3
18: 0285C6
```