

Manual - Rypto

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Preface

"Tietorakenteet ja algoritmit" – exercise.

Rypto is a software, which can encrypt and decrypt.

How to execute

Encryption

To encrypt, execute the command

```
rypto e <key> <source> <destination>
```

Where

- <key> is encryption key, 32 hex digits (128 bits)
- <source> is the (plaintext) file to be encrypted
- <destination> is the encrypted file

Decryption

To decrypt, execute the command

```
rypto d <key> <source> <destination>
```

Where

- <key> is encryption key, 32 hex digits (128 bits)
- <source> is the (ciphertext) file to be decrypted
- <destination> is the decrypted file

Input to the software

Software takes as input the following:

- Operation mode: Encrypt or decrypt
- Key
- Source file to be read
- Destination file to be written

Location of the executable and test data