

**NAME**

eeprog – reads and writes 24Cxx EEPROMs connected to I2C serial bus

**SYNOPSIS**

**eeprog** [-fqxdh] [-16|-8] [-r addr[:count]]-w addr] <device> <i2c-addr>

**DESCRIPTION**

**eeprog** uses the SMBus protocol used by most of the recent chipsets.

**NOTE**

Don't forget to load your i2c chipset and the i2c-dev drivers.

The following environment variables could be set instead of the command line arguments:

EEPROM\_DEV            device  
EEPROM\_I2C\_ADDR       i2c-addr

**PARAMETERS***Address modes*

- 8**      Use 8bit address mode for 24c0x...24C16 [default]
- 16**     Use 16bit address mode for 24c32...24C256

*Actions*

- r addr[:count]**  
Read **count** (1 if omitted) bytes from **addr** and print them to the standard output
- w addr**  
Write input (stdin) at address **addr** of the EEPROM

- h**      Print this help

*Options*

- x**      Set hex output mode
- d**      Dummy mode, display what *\*would\** have been done
- f**      Disable warnings and don't ask confirmation
- q**      Quiet mode

*Bus*

**device**   Device file representing the I2C bus (eg. /dev/i2c-0)

**i2c-addr**  
I2C bus address of the EEPROM (eg. 0x3A)

**EXAMPLES**

Read 64 bytes from the EEPROM at address 0x54 on bus 0 starting at address 123 (decimal)

**eeprog** /dev/i2c-0 0x54 -r 123:64

Print the hex codes of the first 32 bytes read from bus 1 at address 0x22

**eeprog** /dev/i2c-1 0x51 -x -r 0x22:0x20

Write the current timestamp at address 0x200 of the EEPROM on bus 0 at address 0x33

date | **eeprog** -f /dev/i2c-0 0x33 -w 0x200

**AUTHOR**

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