

# OSS Integer Basic ; Copyright (C) 1983-1986 by Stephen D. Lawrow & OSS, Inc.#

From Tomasz 'Kr0tki' Krasuski from AtariAge:

I've used MAC/65 1.02 to assemble it to cartridge. It requires changing lines 130 and 150 in D1:MASTER of the source code, to change PROM to 0 and \_CART to 1. Then assemble from disk, which results in a binary file that loads to \$3000-\$6fff, bank order "3M04". Retrieve this data in an appropriate order to create a ROM image.

So, Integer BASIC appears to contain the same features as BASIC XE, but with integer arithmetic. And it's blazing fast.

## Integer Basic source code#

- [int-basic-master-03oct86.atr](#)
- [int-basic-slave-03oct86.atr](#)

Enabling the building of a M091 Integer BASIC is less straightforward, because there is no single value that controls it, unlike in BASIC XE. To build it, one has to change bank addresses in D1:EQUATE.INC. Edit the lines 310 and 320 to make BANK.2 equal to \$D509 and BANK.3 = \$D501. Then assemble the object file as usual. This gives us an "1M09" object file, as with BASIC XE. Retrieving the bank data in a correct order results in an M091 ROM image.

Thank you so much Tomasz 'Kr0tki' Krasuski for the info in building the runtime, we owe you so much. :-)))

## CAR-Image#

- [Integer BASIC v1.00 C \(1986-11-19\)\(OSS\)\(US\)034M.car](#) ; thank you so much Tomasz 'Kr0tki' Krasuski for building the 1st cartridge, we owe you so much. :-)))

## BIN-Images#

- [Integer BASIC v1.00 C \(1986-11-19\)\(OSS\)\(US\)034M.bin](#) ; thank you so much Tomasz 'Kr0tki' Krasuski for building the 1st binary, we owe you so much. :-)))
- [Integer BASIC v1.00 C \(1986-11-19\)\(OSS\)\(US\)043M.bin](#) ; just runs in Altirra with OSS '043M' ; thank you so much Tomasz 'Kr0tki' Krasuski for building the 1st binary, we owe you so much. :-)))
- [Integer BASIC v1.00 C \(1986-11-19\)\(OSS\)\(Lawrow, Stephen D.\)\(US\)\(M091\).bin](#) ; thank you so much Tomasz 'Kr0tki' Krasuski for building the binary, we owe you so much. :-)))

## ATR-Image#

- [Integer BASIC 1.00 with DOS 2.5 MD.atr](#) ; just the file version

## Manuals ; who is making a manual for OSS Integer Basic?#

## Picture#

OSS Integer Basic - startscreen