

The cow programming language



- Created by Sean Heber in 2003
- Brainfuck variant
- 12 instructions : variations of the word « moo »
- Turing complete
- Only chars and ints \Rightarrow ascii table

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The COW Programming Language

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Report repository

Releases

No releases published

Packages

No packages published

Languages

● C++ 100.0%

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[/tmp]

francois ➤ `git clone https://github.com/BigZaphod/COW.git`

Cloning into 'COW'...

remote: Enumerating objects: 41, done.

remote: Total 41 (delta 0), reused 0 (delta 0), pack-reused 41

Receiving objects: 100% (41/41), 269.90 KiB | 2.73 MiB/s, done.

Resolving deltas: 100% (7/7), done.

```
[/tmp/COW/source]
```

```
francois ➤ master - ➤ c++ cowcomp.cpp -o cow
```

```
[/tmp/COW/source]
```

```
francois@master - ./cow HelloWorld.cow
```

```
Compiling [HelloWorld.cow]...
```

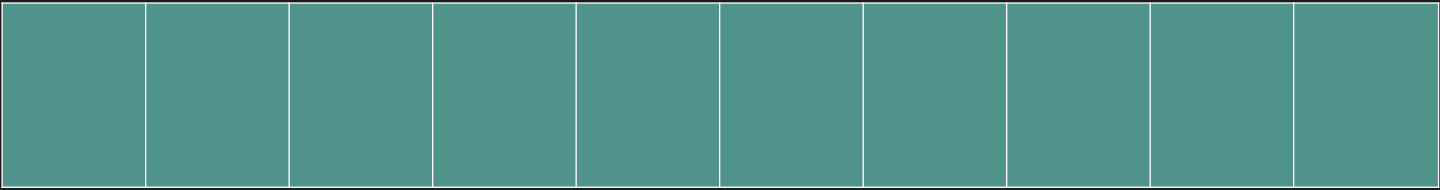
```
C++ source code: cow.out.cpp
```

```
Executable created: cow.out
```

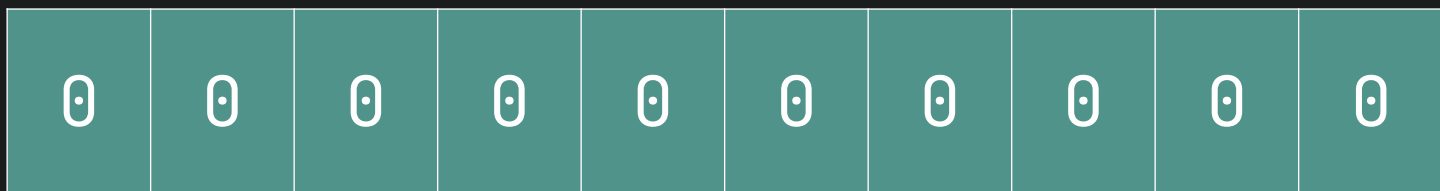
```
[/tmp/COW/source]
```

```
francois@master - ./cow.out
```

```
Hello,world!%
```

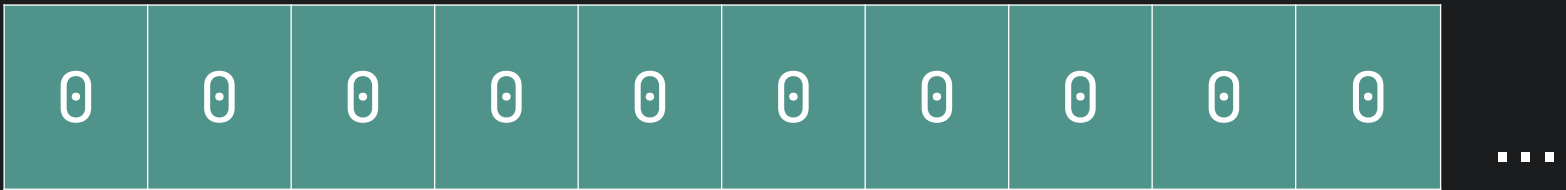


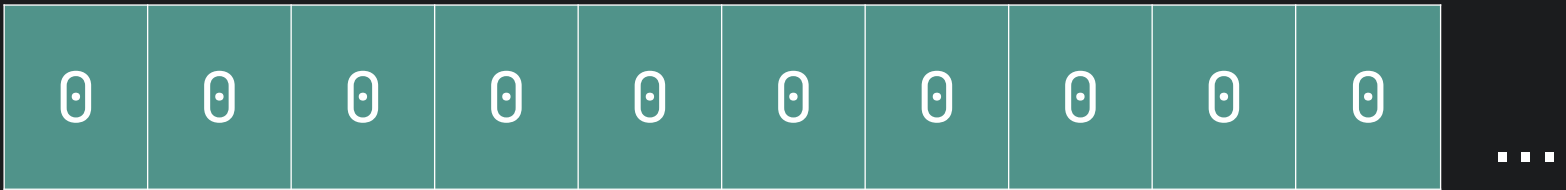
...

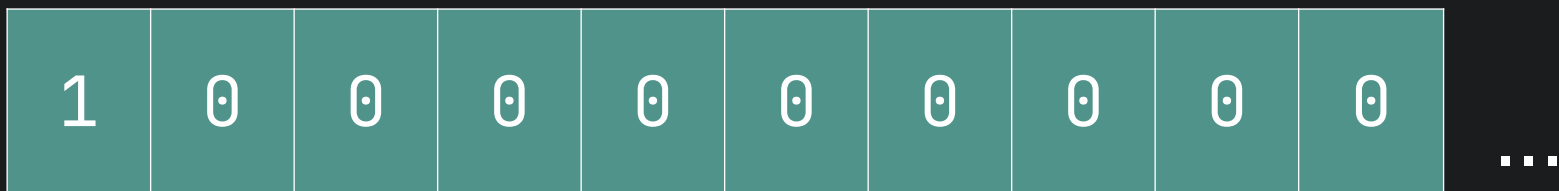


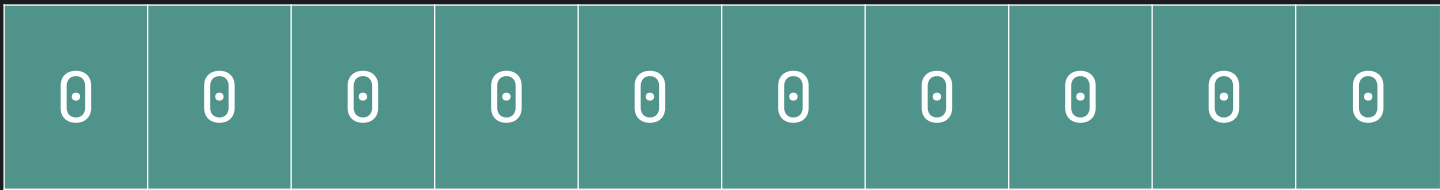
← 30 000 blocks →

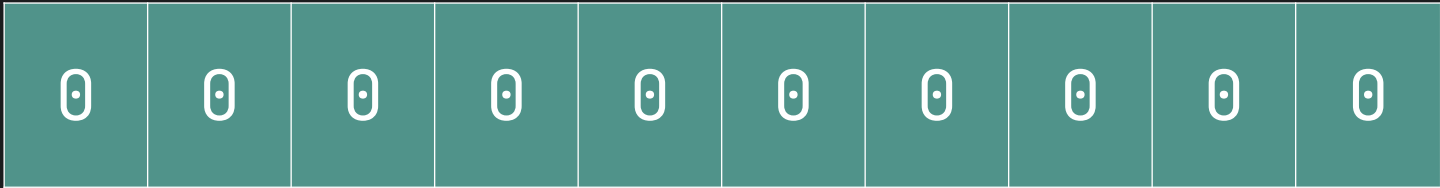


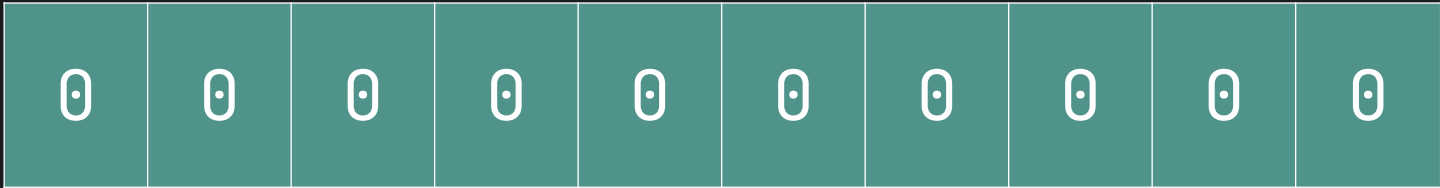


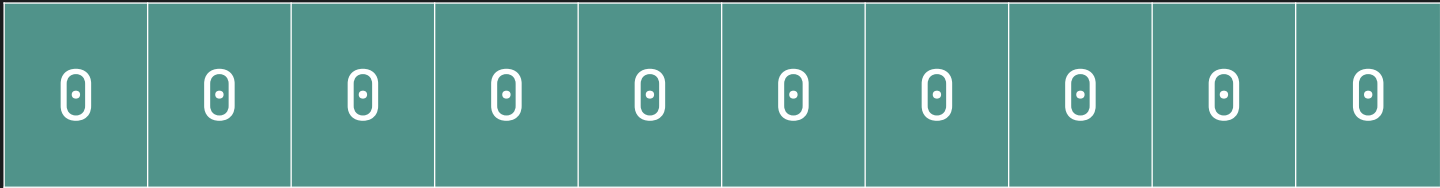
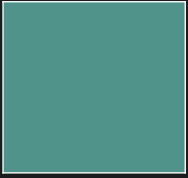












- m0o & mo0 : moves current memory position backward/forward one block
- M0o & Mo0 : decrements/increments CMB

(CMB = current memory block)

- Moo, OOM & oom : user interaction
- 000 : sets CMB value to 0

(CMB = current memory block)

- MOO & moo : serves for loops
- MMM : deals with the register

- m00 : execute the current memory block as
a command

- `m00` : execute the current memory block as
a command

0 : moo	1 : m0o	2 : mo0	3 : error	4 : Moo	5 : M0o
6 : Mo0	7 : M00	8 : 000	9 : MMM	10 : 00M	11 : oom

Hello, World!

Conclusion





Sources



- The cow programming language - Youtube
https://youtu.be/px2aSX02pqE?si=NvdU_Fq88yuC_pKL
- COW - EsoLang
<https://esolangs.org/wiki/COW>
- COW - Programming for bovines
<https://bigzaphod.github.io/COW/>
- COW - GitHub
<https://github.com/BigZaphod/COW.git>