

Pico-c, a very small C interpreter

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Origins

Original **pico-c** is a project created by Zik at (<https://code.google.com/p/picoc/>)https://code.google.com/p/picoc (https://code.google.com/p/picoc) and it is currently hosted at (<https://gitlab.com/zsaleeba/picoc/>)https://gitlab.com/zsaleeba/picoc (https://gitlab.com/zsaleeba/picoc).

This **pico-c** version intends to be a very light **C** interpreter. It is maintained by Cyd at [github.com](https://github.com/cyd01/pico-c) (<https://github.com/cyd01/pico-c>).

pico-c is very small, but include many standard libraries.

The content

Initially those libraries were natively integrated into pico-c:

- ctype.h
- errno.h
- math.h
- stdbool.h
- stdio.h
- stdlib.h
- string.h
- time.h
- unistd.h

Some of them were improved:

- stdio.h
- unistd.h

We have planned to add support for 3 other useful libraries:

- dirent.h
- regex.h
- socket.h
- stat.h

pico-c builds are available for Win32, CentOS (RedHat), and Ubuntu. To get them just jump to the download page.

The pico-c syntax

```
$ pico-c -h
pico-c.exe, A very small C interpreter
Usage: pico-c.exe [-h] [-i] [-m] [-n] [-o] [<filename1>...] [- <arg1>...]
    -h: this help message
    -i: force interactive mode at the end of scripts
    -m: run main() function automatically
    -n: don't print prompt
    -o: the original "old" mode
    -v: print version
Examples:
    pico-c.exe script1.pcc script2.pcc
    pico-c.exe -i script.pcc
    pico-c.exe -m script1.pcc script2.pcc - arg1 agr2}
```

Cyd

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