NAME
zws - a tiny HTTP web server

SYNOPSIS
zws [*OPTIONS*] **-m** *PATH*

DESCRIPTION
zws (Zepto Web Server) is a tiny open source HTTP web server well-written in C that can handle simple HTTP requests and serve information in HTML format by using dynamic modules that can be loaded at runtime.

Also, the HTTP web server runs as a daemon process and is designed according to the MPM (Multi-Processing Module) architecture that allows multiple requests to be processed almost simultaneously. The main server daemon process creates and maintains various server workers which handle incoming requests.

OPTIONS
Mandatory arguments to long options are mandatory for short options too.

-a, **--address**=*ADDRESS*
> The address of the server.

-p, **--port**=*NUMBER*
> The port of the server.

-w, **--workers**=*NUMBER*
> The number of the service workers of the server.

-r, **--requests**=*NUMBER*
> The number of the requests per service worker.

-m, **--modules**=*PATH*
> The modules path of the server.

--help   Display help and exit.

--version
> Display version and exit.

EXAMPLES
zws -m /home/user/zws/modules

> Server Address = *0.0.0.0*
> Server Port = *Random*
> Server Workers = *1*
> Worker Requests = *1*

zws -m /home/user/zws/modules -a localhost

> Server Address = A) *127.0.0.1* or B) *::1* (takes higher priority)
> Server Port = *Random*
> Server Workers = *1*
> Worker Requests = *1*

zws -m /home/user/zws/modules -a 127.0.0.1

> Server Address = *127.0.0.1*
> Server Port = *Random*
> Server Workers = *1*

Worker Requests = *1*

zws -m /home/user/zws/modules -a ::1

Server Address = *::1*
Server Port = *Random*
Server Workers = *1*
Worker Requests = *1*

zws -m /home/user/zws/modules -a 192.168.1.4

Server Address = *192.168.1.4*
Server Port = *Random*
Server Workers = *1*
Worker Requests = *1*

zws -m /home/user/zws/modules -a fe80::222:43ef:ff36:c079%wlan0

Server Address = *fe80::222:43ef:ff36:c079%wlan0*
Server Port = *Random*
Server Workers = *1*
Worker Requests = *1*

zws -m /home/user/zws/modules -p 5643

Server Address = *0.0.0.0*
Server Port = *5643*
Server Workers = *1*
Worker Requests = *1*

zws -m /home/user/zws/modules -a 192.168.1.4 -p 5643

Server Address = *192.168.1.4*
Server Port = *5643*
Server Workers = *1*
Worker Requests = *1*

zws -m /home/user/zws/modules --address=localhost --port=5643

Server Address = A) *127.0.0.1* or B) *::1* (takes higher priority)
Server Port = *5643*
Server Workers = *1*
Worker Requests = *1*

zws -m /home/user/zws/modules -w 30

Server Address = *0.0.0.0*
Server Port = *Random*
Server Workers = *30*
Worker Requests = *1*

zws -m /home/user/zws/modules -r 20

Server Address = *0.0.0.0*

    Server Port = *Random*
    Server Workers = *1*
    Worker Requests = *20*

   zws -m /home/user/zws/modules --address=localhost --port=5643 --workers=30 --requests=20

    Server Address = A) *127.0.0.1* or B) *::1* (takes higher priority)
    Server Port = *5643*
    Server Workers = *30*
    Worker Requests = *20*

   zws -m /home/user/zws/modules -a 192.168.1.4 -p 5643 -w 30 -r 10

    Server Address = *192.168.1.4*
    Server Port = *5643*
    Server Workers = *30*
    Worker Requests = *10*

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REPORTING BUGS
   Report bugs to <contact@efxa.org>.

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