NAME

abxhttpd - CLI tool of Abxhttpd

SYNOPSIS

abxhttpd -[option][value] ...

DESCRIPTION

Abxhttpd is a tiny cross-platform http server developed with C++. You can use Abxhttpd to set up your own website so that everyone on Internet can access your shared resources. You can also use libxhttpd, a component of Abxhttpd, as an independent http library, building your own C++ network program.

When you invoke abxhttpd with command line, it normally does binding address and processing http request, and it usually gives *no message* if it has been set successfully. You can control the progress by passing several options.

Generally, Abxhttpd accepts *short argument* such as -[option][value] or -[option] [value], where option is usually a single character, and we will give detailed information in the following section. Abxhttpd will support configuration file in the next version.

OPTIONS

Here is a summary of all the options. Explanations are in the following sections.

Overall Options

abxhttpd -[46dghmV] [-b bind IP] [-c internal core] [-D root directory] [-e error log file] [-l log file] [-p port] [-T thread count] [-v[c] verbose grade]

IP Family

-4   Specify IP version is IPv4 (No value)

-6   Specify IP version is IPv6 (No value)

-b *IP Address*
          Specify bind IP (Valid IP address, exp: 127.0.0.1(v4) or ::1(v6))

-p *Port*   Specify bind Port (Integer: 1-65535)

CLI Family

-V   Show version information (No value)

-m   Show installed core and modules (No value)

-h   Show help list (No value)

-g   Start GUI (No value)

-v[c] *Verbose grade*
          Set verbose grade, and detailed message whose grade under it will be printed, and c option means printing colorful message (Integer: 1-500)

Control Family

-D *Directory*
          Set website root directory (Valid directory, exp: C:\Users\Administrator)

-c *Corename*
          Set internal core (Valid corename, printed by -m, exp: DefaultHttpdCore)

-T *Thread count*
          Set how many threads program will use (Integer: 1-4294967296, limited by your OS)

-l *normal log file*
          Set normal log file (Valid file path, exp: C:\Users\Administrator\logs\access.log)

-e *error log file*
          Set error log file (Valid file path, exp: C:\Users\Administrator\logs\error.log)

-d   Start program as deamon (No value, need -l and -e arguments)

BUGS

Bug report link: *https://github.com/Aliebc/abxhttpd/issues*

AUTHOR

Please see: *https://github.com/Aliebc/abxhttpd/graphs/contributors*

FOOTNOTES

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Thank you for using abxhttpd! We know that there are many similar productions which are better than ours, but completing this project is helpful for us and we hope our production can help you. We sincerely hope you can give us suggestions.