
cmmm
Release 1.0

flagarde

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1.1 CMake Modules

1.1.1 cmmm

Download and configure CMakeMM

```
cmmm([NO_CHANGELOG] [NO_COLOR] [SHOW_PROGRESS] [VERSION <version>] [DESTINATION <path>]_
↳ [INACTIVITY_TIMEOUT <seconds>] [TIMEOUT <seconds>] [TLS_VERIFY <ON|OFF>] [TLS_CAINFO <file>]_
↳ [RETRIES <number/INFINITY>])
```

Options

The options are:

NO_CHANGELOG

Optional Disable changelog printing.

NO_COLOR

Optional Disable the color on terminal.

SHOW_PROGRESS

Optional Print progress information as status messages until the operation is complete.

VERSION <version>

Optional Version of CMakeMM to download (use one of the versions in <https://github.com/cmake-tools/cmmm/releases> or 'latest' for the last version. Only for testing!).

DESTINATION <path>

Optional Path destination to install CMakeMM.

INACTIVITY_TIMEOUT <seconds>

Optional Terminate the operation after a period of inactivity.

TIMEOUT <seconds>

Optional Terminate the operation after a given total time has elapsed.

TLS_VERIFY <ON|OFF>

Optional Specify whether to verify the server certificate for `https://` URLs. The default is to *not* verify. If this option is not specified, the value of the `CMAKE_TLS_VERIFY` variable will be used instead.

TLS_CAINFO <file>

Optional Specify a custom Certificate Authority file for `https://` URLs. If this option is not specified, the value of the `CMAKE_TLS_CAINFO` variable will be used instead.

RETRIES <number/INFINITY>

Optional Specify the number of retries if download fails.

1.1.2 cmmm_modules_list

Download a module list.

```
cmmm_modules_list(URL <url>)  
cmmm_modules_list(FILEPATH <path>)
```

Options

The options are:

URL <url>

the URL in the form provider:foo/bar#tag

FILEPATH <path>

the file to download

NO_COLOR

Optional Disable the color on terminal.

SHOW_PROGRESS

Optional Print progress information as status messages until the operation is complete.

TLS_VERIFY <ON|OFF>

Optional Specify whether to verify the server certificate for `https://` URLs. The default is to *not* verify. If this option is not specified, the value of the `CMAKE_TLS_VERIFY` variable will be used instead.

TLS_CAINFO <file>

Optional Specify a custom Certificate Authority file for `https://` URLs. If this option is not specified, the value of the `CMAKE_TLS_CAINFO` variable will be used instead.

RETRIES <number/INFINITY>

Optional Specify the number of retries if download fails.

INACTIVITY_TIMEOUT <seconds>

Optional Terminate the operation after a period of inactivity.

TIMEOUT <seconds>

Optional Terminate the operation after a given total time has elapsed.

DESTINATION <path>

Optional Path destination to install CMakeMM.

USERPWD <username>:<password>

Optional Set username and password for operation.

NETRC <level>

Optional Specify whether the `.netrc` file is to be used for operation. If this option is not specified, the value of the `CMAKE_NETRC` variable will be used instead.

Valid levels are:

IGNORED

The `.netrc` file is ignored. This is the default.

OPTIONAL

The .netrc file is optional, and information in the URL is preferred. The file will be scanned to find which ever information is not specified in the URL.

REQUIRED

The .netrc file is required, and information in the URL is ignored.

NETRC_FILE <file>

Optional Specify an alternative .netrc file to the one in your home directory, if the NETRC level is **OPTIONAL** or **REQUIRED**. If this option is not specified, the value of the `CMAKE_NETRC_FILE` variable will be used instead.

EXPECTED_HASH <algorithm>=<value>

Optional Verify that the downloaded content hash matches the expected value, where <algorithm> is one of the algorithms supported by <HASH>. If the file already exists and matches the hash, the download is skipped. If the file already exists and does not match the hash, the file is downloaded again. If after download the file does not match the hash, the operation fails with an error. It is an error to specify this option if **DOWNLOAD** is not given a <file>.

HTTPHEADER <HTTP-header>

Optional HTTP header for **DOWNLOAD** operation. *HTTPHEADER* can be repeated for multiple options.

ALWAYS_DOWNLOAD <bool>

Optional Always redownload the list file.

INDICES AND TABLES

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- search