NAME

codata - Command line for codata

SYNOPSIS

codata [*OPTIONS*] [*REGEX_PATTERN ... *]

DESCRIPTION

codata is a command line interface which prints all the **codata** constants.

The current values are from 2022. Older values can be retrieved if needed and the output can be filtered with REGEX PATTERNS.

OPTIONS

--year, -y YEAR
Year of the **codata** constants: 2022, 2018, 2014, 2010.

--pattern, -p PATTERN
Regex pattern for filtering the constants.

--value, -a
Show only the value.

--error, -e
Show only the uncertainty.

--usage Show usage text and exit.

--help Show help text and exit.

--verbose
Display additional information when available.

--version
Show version information and exit.

NOTES

You may replace the default options from a file if your first options begin with @file. Initial options will then be read from the "response file" "file.rsp" in the current directory.

If "file" does not exist or cannot be read, then an error occurs and the program stops. Each line of the file is prefixed with "options" and interpreted as a separate argument. The file itself may not contain @file arguments. That is, it is not processed recursively.

For more information on response files see https://urbanjost.github.io/M_CLI2/set_args.3m_cli2.html

EXAMPLE

Minimal example

```
codata
codata -y 2018 molar electron
codata -y 2014 -p 'molar.*gas','electron.*eV'
codata '[B,b]oltzmann.*eV'
```

SEE ALSO

codata(3)