terraform-docs Terraform module docs

CONCEPTS

> It reads your .tf files only: no init or credentials needed. Descriptions in variables and outputs become the docs.

Module .tf files variables, outputs
↓ parse
terraform-docs format + sections
↓ render
Output stdout or file
↓ inject
README.md between markers

> Boolean flags need the equals form: --lockfile=false. A space gives 'accepts 1 arg(s), received 2'.

INSTALL

`brew install terraform-docs`
Install with Homebrew

`go install github.com/terraform-docs/terraform-docs@<version>`
Install with Go

`terraform-docs version`
Print installed version

FORMATS

`terraform-docs markdown table <path>`
Markdown with tables

`terraform-docs markdown document <path>`
Markdown with headings per item

`terraform-docs json <path>`
JSON for scripts

`terraform-docs pretty <path>`
Readable terminal output

SECTIONS

`--show <section>`
Show only the named section

SECTIONS (cont.)

`--hide <section>`
Hide a section

OUTPUT TO FILE

`--output-file <file>`
Write result into a file

`--output-mode inject`
Replace only the marked block

`--output-check`
Exit non-zero if file is out of date

SUBMODULES

`--recursive`
Document submodules too

CONFIG FILE

`-c, --config <file>`
Use a specific config file

`formatter: "markdown table"`
Choose format (only required key)

`sections: { show: [...], hide: [...] }`
Pick visible sections

`output: { file: README.md, mode: inject }`
Where and how to write

IGNORE BLOCKS

`# terraform-docs-ignore`
Leading comment hides a block

AUTOMATION

`repo: https://github.com/terraform-docs/terraform-docs`
pre-commit repo entry

`id: terraform-docs-go`
pre-commit hook id

`uses: terraform-docs/gh-actions@main`
GitHub Action step