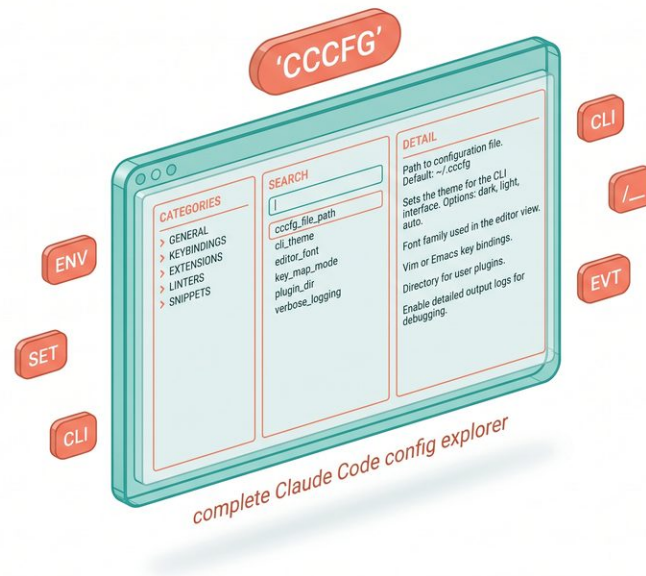


# CCCFG — Claude Code Config Explorer

Every config surface in Claude Code in one keyboard-driven TUI. 499 entries, categorised, searchable, with live current-value lookup and a cookbook.



## What it covers

- **434 environment variables** extracted from the Claude Code binary (CLAUDE\_CODE\_\*, CLAUDE\_\*, ANTHROPIC\_\*, DISABLE\_\*, BASH\_\*, MCP\_\*, MAX\_\*).
- **30 settings.json keys** including managed-enterprise locks (allowManagedHooksOnly, strictPluginOnlyCustomization, etc.).
- **14 high-leverage CLI flags** including `--bare`, `--effort`, `--max-budget-usd`, `--fork-session`.
- **11 slash commands** and **10 hook events** in one place.

## Install & run

Copy the tool directory anywhere and add it to your PATH. Requires Python 3.10+ and Textual 6+:

```
pip install textual rich
```

Then run `cccfg.py` with no args to launch the TUI, or use CLI modes:

```
cccfg.py --list # print full catalog
cccfg.py --search hooks # filter by query
cccfg.py --category Models # filter by category
cccfg.py --kind settings # only settings.json keys
cccfg.py --json | jq # pipe-friendly JSON
```

## TUI keys

- **j / k** — navigate entries down / up
- **/ or s** — focus search
- **c** — focus category list
- **Enter** — select entry, show details
- **Escape** — back to entries list
- **?** — open the cookbook
- **q** — quit

# Cookbook

*The patterns worth memorising.*

## Lock down a team's install (managed settings)

```
"allowManagedHooksOnly": true,  
"allowManagedMcpServersOnly": true,  
"allowManagedPermissionRulesOnly": true,  
"disableBypassPermissionsMode": true,  
"strictPluginOnlyCustomization": ["skills", "hooks"]
```

## Use a secret vault for the API key

```
"apiKeyHelper": "/usr/local/bin/get-anthropic-key.sh"  
CLAUDE_CODE_API_KEY_HELPER_TTL_MS=300000 # cache 5 min
```

## Maximum privacy mode (no telemetry, no surveys)

```
DISABLE_TELEMETRY=1  
DISABLE_ERROR_REPORTING=1  
DISABLE_GROWTHBOOK=1  
CLAUDE_CODE_DISABLE_FEEDBACK_SURVEY=1  
CLAUDE_CODE_DISABLE_NONESSENTIAL_TRAFFIC=1
```

## CI-clean run with no harness baggage

```
claude --bare --print "summarise this file"  
# --bare skips hooks, LSP, plugins, attribution, auto-memory,  
# keychain reads, CLAUDE.md auto-discovery. Strict ANTHROPIC_API_KEY auth.
```

## Bigger Bash output and longer timeouts

```
BASH_DEFAULT_TIMEOUT_MS=300000  
BASH_MAX_TIMEOUT_MS=900000  
BASH_MAX_OUTPUT_LENGTH=500000
```

## Pin model versions for reproducibility

```
ANTHROPIC_DEFAULT_OPUS_MODEL=claude-opus-4-7  
ANTHROPIC_DEFAULT_SONNET_MODEL=claude-sonnet-4-6  
ANTHROPIC_DEFAULT_HAIKU_MODEL=claude-haiku-4-5  
CLAUDE_CODE_DISABLE_LEGACY_MODEL_REMAP=1
```

## Register a custom internal model in the picker

```
ANTHROPIC_CUSTOM_MODEL_OPTION=claude-opus-4-7-tuned  
ANTHROPIC_CUSTOM_MODEL_OPTION_NAME="Opus 4.7 (internal)"  
ANTHROPIC_CUSTOM_MODEL_OPTION_DESCRIPTION="Internal fine-tune"  
ANTHROPIC_CUSTOM_MODEL_OPTION_SUPPORTED_CAPABILITIES="vision,tools,thinking"
```

## Debug a hook

```
claude --debug "hooks"  
CLAUDE_CODE_DEBUG_LOG_LEVEL=trace  
CLAUDE_CODE_DEBUG_LOGS_DIR=~/.claude/logs
```

## Disable auto-compaction (manage manually with /compact)

```
DISABLE_AUTO_COMPACT=1  
# or to disable both auto and manual:  
DISABLE_COMPACT=1
```

## Force Claude not to read the keychain (sandbox / VM)

```
claude --bare  
# or unset all OAuth env vars and rely on ANTHROPIC_API_KEY
```

*From "Claude Code, Definitive Guide for 2026" — Companion tool. Full catalog and TUI at  
<https://claude-code-book-site-production.up.railway.app/tool/>*