

skills CLI Cheatsheet (vercel-labs)

Overview

The CLI for the open agent skills ecosystem (`npx skills`). Installs **SKILL.md**-based skills to Claude Code, Codex, OpenCode, Cursor, Anti-gravity, and 75+ other agents.

- No install needed — runs directly via `npx`
- Registry & discovery: **skills.sh**
- Open standard: agentskills.io

Core Commands

Install

- `npx skills add <owner/repo>`: Install from GitHub
- `npx skills add vercel-labs/agent-skills`
`--list`: Preview skills in a repo
- `npx skills add vercel-labs/agent-skills`
`--skill frontend-design -a claude-code`
`-y`: Single skill to one agent
- `npx skills add https://github.com/...`
Full URL sources
- Monorepo paths: `.../tree/main/skills/<name>` supported
- `--skill '*' --agent '*'`: Install everything

Manage

- `npx skills list (ls)`: List installed skills (like `npm ls`)
- `npx skills ls -g`: Global only
- `npx skills ls -a claude-code -a cursor`:
Filter by agent
- `npx skills find [query]`: Interactive (fzf-style) or keyword search
- `npx skills remove [skills]`: Remove installed skills
- `npx skills check`: Check for updates
- `npx skills update [skills]`: Update to latest versions
- `npx skills init [name]`: Scaffold a new SKILL.md template
- `npx skills use <source>`: Try a skill without installing

Key Flags

- `-g, --global`: Global scope (user directory)
- `-a, --agent <name>`: Target agent (repeatable)

- `--skill <name>`: Select specific skill(s)
- `-y, --yes`: Skip confirmation prompts
- `--all`: Shorthand for `--skill '*' --agent '*' -y`
- `--copy`: Copy instead of symlink (unsupported filesystems)
- CI: pin with `npx skills@latest`

SKILL.md Format

Structure

```
my-skill/
├── SKILL.md           # required
├── scripts/          # optional
└── automation scripts
    └── references/
```

Frontmatter

```
---
name: my-skill
description: Use when the agent needs
to ...
---
```

Instructions written in markdown...

- `name`, `description` required
- The description drives automatic activation

Skills vs Rules (AGENTS.md)

- Rules: apply to every task → AGENTS.md
- Skills: specialized, occasionally-used work-flows → skills

Supported Agents (examples)

Agent	--agent	Project path		-	-	
Claude Code	<code>claude-code</code>	<code>.claude/skills/</code>				
Codex	<code>codex</code>	<code>.agents/skills/</code>				
OpenCode	<code>opencode</code>	<code>.agents/skills/</code>				
Cursor	<code>cursor</code>	<code>.cursor/skills/</code>				
Antigravity	<code>antigravity</code>	<code>.agents/skills/</code>				

Global paths vary per agent (e.g. `~/.claude/skills/`, `~/.config/agents/skills/`)

- Symlink install is the default (single shared copy)

Publishing & Tips

- No publish step: push skill folders to a Git repo — they surface on `skills.sh` automatically via installs
- Recommended repo contents: skill folder + README + license
- Security: treat skills like code — review before installing, be careful with `scripts/`, check diffs on updates
- Related tool: **skills-npm** (`antfu`) — symlinks skills bundled inside npm packages via a `prepare` script