cilium

Code Ownership

Cilium Developer Summit NA 2025-11
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Useful feedback loops

- Submission process gives feedback relevant to your area
- Tests reliably fail if the software performs incorrectly
- Issues in the project should feed back to codeowners

How code owners work

Teams (cilium/community)

- Define membership, ladder

Content repo (cilium/cilium, ...)

- CODEOWNERS file
  - Textual description of scope
  - Define teams by file

Main branch Owners

cilium/cilium:main

- Scripting / Linters to ensure every file is owned. No fallback
- Feature groups
  - policy, clustermesh, ...
- Structure / Guidance groups
  - CI, docs, github-sec, ...
- Component groups
  - agent, datapath, ...

Example scopes (cilium/cilium)

- **policy** (*feature group*)
  - Mostly Go, but also specialized knowledge
  - Core logic, APIs, unit testing (*pkg/policy/)*
  - Datapath boundary (*bpf/lib/policy.h)*
  - E2E testing (*cilium-cli/connectivity/check/policy.go*)
  - Docs (*Documentation/security/policy/*)

- **docs-structure** (*guidance*)
  - Advising on best practices for consistent docs writing
  - Infrastructure (*Documentation/)*
  - Combined ownership for individual files

Discussion: Team attributes

- Group size
- Technical skills
    - Familiarity
- Reviews
    - quality, consistency
- Tech Debt
- Test coverage