git commit messages
git --oneline --no-merges

- The git command has two very useful options for reviewing history
  - git --oneline -- only display the commit summaries
  - git --no-merges -- doesn't display any merge commits
edgex-go PR template

• [ ] The commit subject follows the Conventional Commits spec
  ○ this was merged w/out discussion during the lead-up to the Geneva release

• [ ] The commit message follows the EdgeX Contributor Guide
  ○ https://wiki.edgexfoundry.org/display/FA/Committing+Code+Guidelines

• **NOTE** - our existing edgex-go PR template incorrectly states that EdgeX Contributor's guide provides commit message guideline
Existing guidelines

- We actually do have existing guidelines here:
  - [https://wiki.edgexfoundry.org/display/FA/Committing+Code+Guidelines](https://wiki.edgexfoundry.org/display/FA/Committing+Code+Guidelines)

- **Contribution Guidance - Top 4 things to do (or not do)**
  - Commit subject line messages should explain the problem that the commit is solving in 50 characters or less
    - “Fixing bug” or “adding comments” doesn’t explain the problem the commit is solving!
  - Provide a message body to the commit to provide more detail explanation
    - When you do, keep lines in the body to 72 characters or less.
  - Commit your changes in logical chunks
    - Make it easier for the community to review, comment on, and accept your contribution.
    - For example, create a separate commit for a big fix and an enhancement.
  - Rebase the upstream development branch into your topic branch
    - Do not merge master into your local PR branch (this is the lazy approach ...)
edgex-go master branch

$ git log --oneline --no-merges

016f7666 Update VERSION file to 1.2.1 for Geneva dot release
888439ee snap: update app-service-cfg and device-virtual tags (#2586)
5382441f snap: update consul, kuiper, and vault
34edee73 snap: optimize included JRE
a38c6d65 Update OAS API version to 1.2.1 (#2562)
525c6541 fix: Don't use hostname for webserver ListenAndServe (#2579)
3ccad16a fix: fix: Allow overrides that have empty/blank value
fed02ba9 fix: Added setting the Reading ID in the Events collection. (#2575)
2502f83b fix: accurately represent default port w/ EXPOSE in dockerfiles
Issues w/conventional commits

- Action prefix adds length to commit summary
- Domain (e.g. security, date, metadata, logging, security…) is optional
  - This is important for edgex-go!
- Still doesn't require developers to provide thoughtful commit bodies!
Examples:

$ git show 525c6541
commit 525c6541360a858effa5fffc827886954f889b9d1
Date: Tue Jun 2 13:46:07 2020 -0700

   fix: Don't use hostname for webserver ListenAndServe (#2579)

closes #2578

- A commit message body here would have been helpful
  - does this apply to all services w/in edgex-go?
  - a simple one explanation as a commit body would also be nice
Examples ctd...

$ git show 4b30bbc4

commit 4b30bbc4ecebf7b7bce592cd62fa86d8c9cc502c

Date: Tue May 19 19:34:44 2020 -0700

    fix: Missing fmt.Sprintf() in debug logging statement

● Again, to what code w/in edgex-go???