

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>
- **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 525c6541360a858effa5ffc827886954f889b9d1
```

```
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???