How to have a proper commit message !!!

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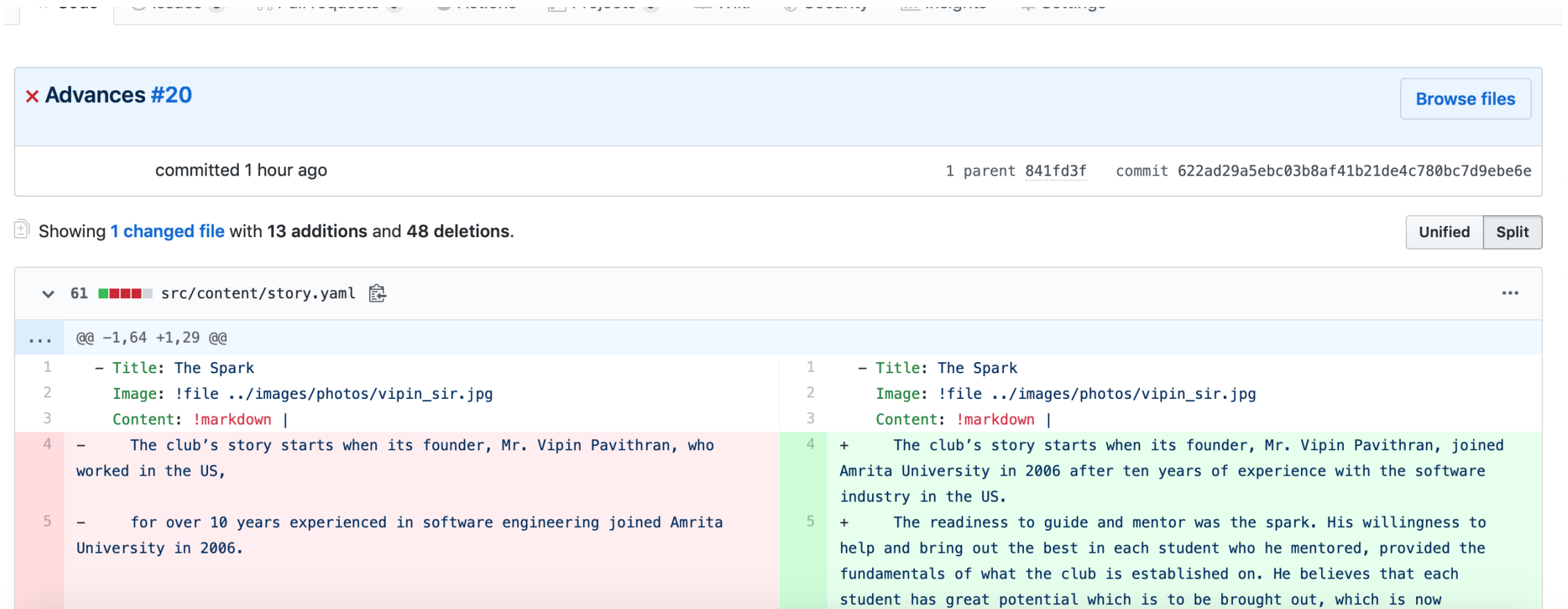Slides: https://github.com/vibhoothiiaanand/amfoss

Who am I ?

- Lately into Video Compression Technology.

- Hacks with rav1e, the AV1 Encoder.

- Rarely Hacks cone (VLC).

- Tries to write Alien languges like Objective-C, Rust, Assembly.

- Been part of amFOSS from S2

- Famous for being ridicuously rude and sometimes good :v

Why this ?

- Since people here, doesn't know(including me) to have proper commit message.

- People are lazy.

- Commit message speaks a lot.

How to do ?

Ok, so how do you do commit ? like this?

How to do ?

Or, like this ?

× **Update Story and Club life content**   **Browse files**

committed 2 hours ago   1 parent 7899a69   commit 0e0dde1efe2a0e7af9cd1802ad653e9f20de4e00

Showing **2 changed files** with **21 additions** and **81 deletions**.   Unified | Split

⌄ 41 ▪▪▪▪▫ src/content/clubLife.yaml   ...

...   @@ −1,72 +1,47 @@
1   - Title: Mentorship   1   - Title: Mentorship
2   Content: !markdown | 2   Content: !markdown |
3   −   Here at FOSS@Amrita, seniors guide juniors on their way in the club. It   3   +   Here at amFOSS, seniors guide juniors on their way in the club. It is a
       is a learning and development   learning and development partnership between someone with vast experience and
                                                                               someone who wants to learn. Mentoring others is one of the most important
                                                                               parts of being in a community — an experience and a skill which is difficult
                                                                               to gain in a typical classroom scenario. Mentors are responsible for tracking
                                                                               their progress, ensuring that they are doing what is best suited for them.
4   −   partnership between someone with vast experience and someone who wants

How to do ?

Or, like this?

[3]: https://github.com/amfoss/website/commit/3130d0181ac6724d26187a71d0c12376a9777f0a

How to do?

So there is no specific way to have a commit message, it all depends on the org but there are some things which are common for all.

- Use CLI!!

  Please, do not use WebUI or App for doing it

- Do NOT use `git pull`

  Rebase it, come on!, you are part of amFOSS Club not some random club (`git rebase -i origin/master`)

- Conventions

  `<module_name>: Add a random file`

  `<blank_line>`

  `This commit adds so and so in a nice 50 words`

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How to do?

- Styling

Do not use **CAPS** !, please it is shouting, don't make people angry with your commit messages.
If you need caps do for first word of line.
Do not put "PERIOD" or "." at the end of subject

- Typos

Double and triple check for typos, once it is merged then it is really difficult to correct them.
Be Aware!

- Break at 72 Chars and not 80

Try to break the description when it is 72 characters, have extentions for your `vim` for this, (Do you vim??)

How to do?

- Imperative Mood??

DO NOT USE gerunds or past tense in your subject lines

```
Fixed the life //wrong.v1
```
```
Fixing the life //wrong.v2
```
```
Fix the life ///correct.v1
```

- Description

Describe what was done and why, but not HOW.

- References

Mention the issues or PR which the current commit advances or closes!

- Branch names!

Do not keep random names for your branch, when sending PR, it does matter.

How to do?

- **Split whenver neccessary**

You SHOULD split your long and big commit into smaller ones, so it makes sense.

- **Squash it !!**

Also like you split, squash the commits, please do not make the reviewers do that part.

- **Add Co-Authors**

If someone made the commit proper/helped in some bits of code, have them as co-author

```
git commit ammend
```
```
Co-authored-by: "Name <email>"
```

How to do ?

- I have to mention the file name too, then ??

[4]:https://github.com/xiph/rav1e/commit/3f775d07e58ccf20a7bdfc4c7156600e01529cbc

How to do ?

- Long messages ???, It should be concise

Bonus Tips?? Any

- If there are 5 commits in your patchset, make sure that the commit is in order and doesn't break if we do take only one and gives `ERRORs` or `WARNINGs` or `SIGSEGV`.

Bonus Tips?? Any ?

- Make sure, Travis Goes **Green**, before shouting/asking for review

- Wait for *1 Week* before blaming any org/project for no-response.

- Start using *IRC* since it is not OK to be saying you are in FOSS Community without using IRC. Register handle, messsage me, would give you cloaks for free.

Cloak???
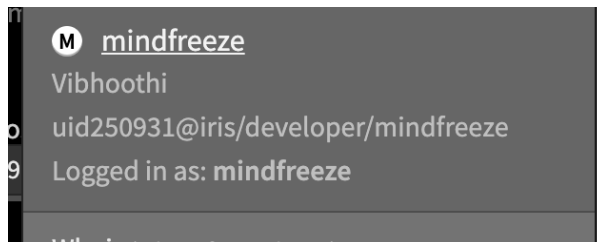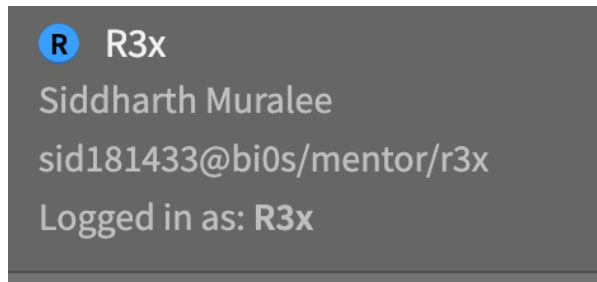
Questions????

Ask questions, Be dumb kids!!