

# How to have a proper commit message !!!

Vibhoothi

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Email: [vibhoothiiaanand@gmail.com](mailto:vibhoothiiaanand@gmail.com)

IRC: @mindfreeze

<https://mindfreeze.videolan.me>

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 languages like Objective-C, Rust, Assembly.
- Been part of amFOSS from S2
- Famous for being ridiculously 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?

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✖ Advances #20



 akhilam512 committed 1 hour ago

1 parent 841fd3f    commit 622ad29a5ebc03b8af41b21de4c780bc7d9ebe6e

Showing 1 changed file with 13 additions and 48 deletions.

Unified

Split

61  src/content/story.yaml 

...    @@ -1,64 +1,29 @@

1    - Title: The Spark	1    - Title: The Spark
2       Image: !file ../images/photos/vipin_sir.jpg	2       Image: !file ../images/photos/vipin_sir.jpg
3       Content: !markdown	3       Content: !markdown
4    -     The club's story starts when its founder, Mr. Vipin Pavithran, who worked in the US,	4    +     The club's story starts when its founder, Mr. Vipin Pavithran, joined Amrita University in 2006 after ten years of experience with the software industry in the US.
5    -     for over 10 years experienced in software engineering joined Amrita University in 2006.	5    +     The readiness to guide and mentor was the spark. His willingness to help and bring out the best in each student who he mentored, provided the fundamentals of what the club is established on. He believes that each student has great potential which is to be brought out, which is now


[1]: <https://github.com/amfoss/website/commit/622ad29a5ebc03b8af41b21de4c780bc7d9ebe6e>

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# How to do ?

Or, like this ?

✖ Update Story and Club life content


 akhilam512 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

2       Content: !markdown |

3 -    Here at FOSS@Amrita, seniors guide juniors on their way in the club. It is a learning and development

1    - Title: Mentorship

2       Content: !markdown |


3 +    Here at amFOSS, seniors guide juniors on their way in the club. It is a 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.

# How to do ?

Or, like this?

✖ content: Update clublife.yaml

This commit advances [#20](#)


 **akhilam512** committed 1 hour ago

1 parent [b4d652e](#)    commit [3130d0181ac6724d26187a71d0c12376a9777f0a](#)

Showing 1 changed file with 8 additions and 33 deletions.

Unified

Split

▼ 41  src/content/clubLife.yaml 

... @@ -1,72 +1,47 @@

1    - Title: Mentorship

2       Content: !markdown |

3    -     Here at FOSS@Amrita, seniors guide juniors on their way in the club. It is a learning and development

1    - Title: Mentorship

2       Content: !markdown |

3    +     Here at amFOSS, seniors guide juniors on their way in the club. It is a 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.

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

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# 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`

# 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 and you are shameless!!!

We know you are pigs, but do not show that.

- 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!

# How to do?

- Split whenever necessary

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 ??

The screenshot shows the GitHub interface for the repository `xiph/rav1e`. At the top, there are navigation links for `Code`, `Issues` (112), `Pull requests` (26), `Actions`, `Projects` (9), `Wiki`, `Security`, and `Insights`. On the right, there are buttons for `Unwatch` (86), `Unstar` (1.6k), and `Fork` (118).

The main section displays a commit titled `arm: tables: Add tables for sm_weights and obmc_masks` by user `vibhoothiaanand`, committed 13 days ago. The commit message is `Table for sm_weights and for obmc_masks taken from spec`. It includes a `Browse files` button and a link to the commit hash `3f775d07e58ccf20a7bdfc4c7156600e01529cbc`.


Below the commit information, it states: `Showing 1 changed file with 40 additions and 0 deletions.` There are `Unified` and `Split` view buttons.




The file `src/arm/tables.S` is shown with 40 additions. The diff view displays the following changes:









```
@@ -295,3 +295,43 @@ X(mc_warp_filter):
295     /* dummy (replicate row index 191) */
296     .byte 0, 0, 0, 0, 2, 127, - 1, 0
297     endconst
+
+298 +
+299 + .global X(sm_weights)
+300 + .hidden X(sm_weights)
```


# How to do ?

- Long messages ???, It should be concise

 [xiph](#) / [rav1e](#)

 Unwatch ▾ 86  Unstar 1.6k  Fork 118

 Code  Issues 112  Pull requests 26  Actions  Projects 9  Wiki  Security  Insights

 **Integrate Inverse functions from dav1d 0.4.0**

This commit also adds the following:

- Build itx.S imported from dav1d 0.4.0
- Exclude IDTX transformations and use native rust versions



Currently, the identity transformations are having SIGSEGV, as a work around we are going to exclude those tests and use native rust versions for the following functions:


- inv\_txfm2d\_add\_identity\_identity\_16x32\_neon
- inv\_txfm2d\_add\_identity\_identity\_32x16\_neon
- inv\_txfm2d\_add\_identity\_identity\_32x32\_neon
- inv\_txfm2d\_add\_identity\_identity\_8x32\_neon


gdb trace:

Thread 2 "asm::aarch64::t" received signal SIGSEGV, Segmentation fault.




[Browse files](#)

 master (#1865)  20191127

 vibhoothiaanand committed 15 days ago 1 parent [c7b2197](#) commit [aae6b3e77856adf96227300ee341a29636f14f7c](#)

 Showing 5 changed files with 308 additions and 1 deletion. 

[Unified](#) [Split](#)

 2  build.rs 

...

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# 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`.

The screenshot displays a GitHub pull request interface. At the top, a purple 'Merged' badge is visible next to the title 'Merge dav1d 0.4.0 AArch64 Assembly #1865'. Below this, a message states 'barrbrain merged 17 commits into xiph:master from vibhoothiaanand:src-arm-0.4.0' with a commit icon and '14 days ago'. A horizontal line separates this from the commit history. The first commit is by 'vibhoothiaanand', described as 'force-pushed the vibhoothiaanand:src-arm-0.4.0 branch from 9176fdc to 6a2c0f8' with a commit icon and '14 days ago'. Below the commit is a review by 'barrbrain' from '14 days ago', with a 'View changes' button. A comment by 'barrbrain' is shown, stating 'The top 3 patches should be squashed before we merge, so that we don't enter a temporarily broken state. Also, include TODO comments for the known issue with IDTX.' Below the comment are two file diff sections for 'src/asm/aarch64/transform/inverse.rs', both marked 'Outdated' with a 'Show resolved' link. The bottom of the screenshot shows a commit by 'krish-iyer and others' dated 'Apr 9'.

**Merged** Merge dav1d 0.4.0 AArch64 Assembly #1865  
barrbrain merged 17 commits into `xiph:master` from `vibhoothiaanand:src-arm-0.4.0` 14 days ago

---

**vibhoothiaanand** force-pushed the `vibhoothiaanand:src-arm-0.4.0` branch from `9176fdc` to `6a2c0f8` 14 days ago

**barrbrain** reviewed 14 days ago [View changes](#)

**barrbrain** left a comment Collaborator + 😊 ...

The top 3 patches should be squashed before we merge, so that we don't enter a temporarily broken state. Also, include TODO comments for the known issue with IDTX.

`src/asm/aarch64/transform/inverse.rs` Outdated [Show resolved](#)

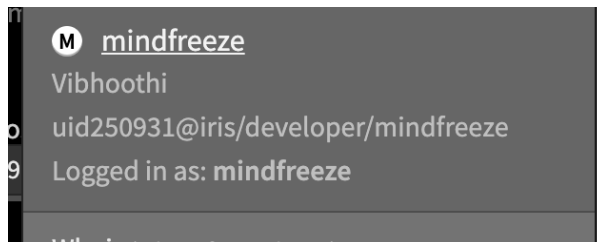
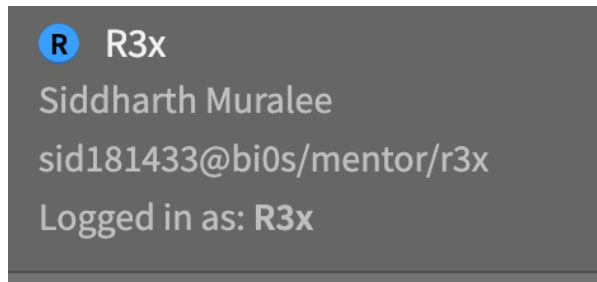
`src/asm/aarch64/transform/inverse.rs` [Show resolved](#)

**krish-iyer** and others added 17 commits on Apr 9

# 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, message me, would give you cloaks for free.

## Cloak???



**Questions????**

**Ask questions, DO NOT be dumb kids.**