

How to have a proper commit message !!!

Vibhoothi

amFOSS 2016_2020

Email: vibhoothiiaanand@gmail.com

IRC: @mindfreeze

<https://mindfreeze.videolan.me>

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

Who am I ?

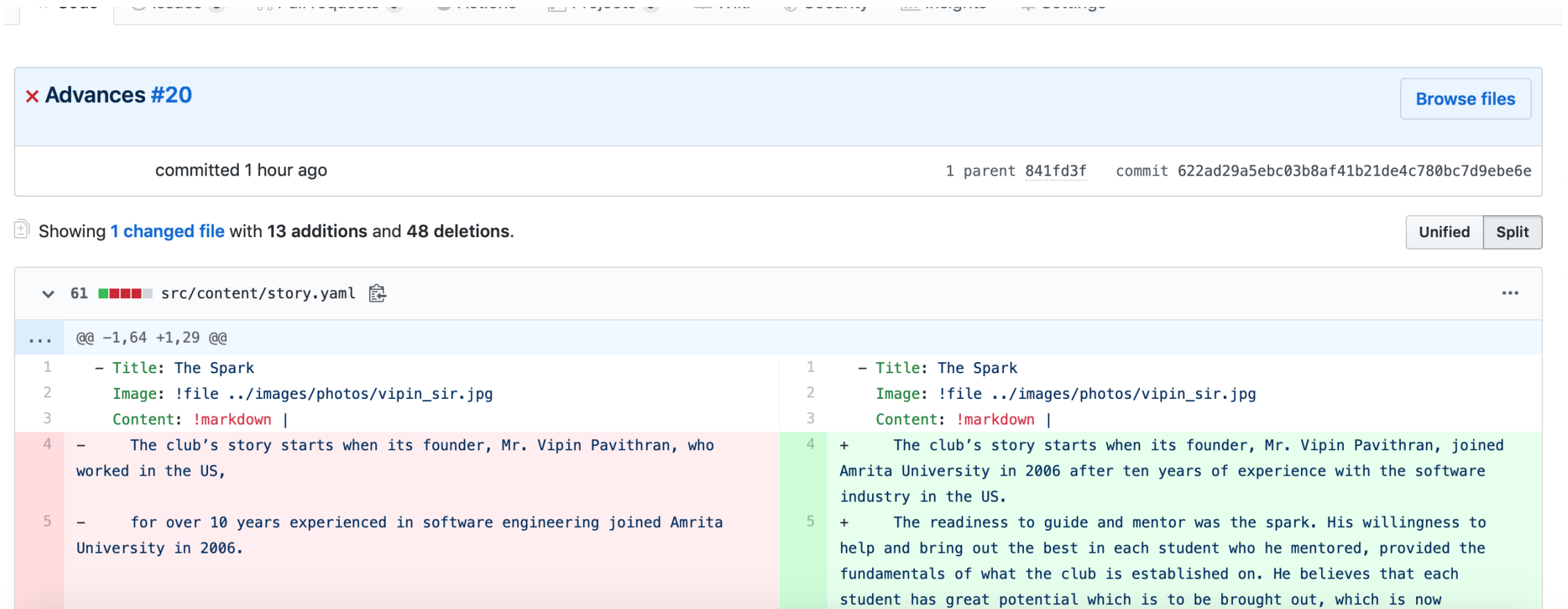
- Lately into Video Compression Technology.
- Hacks with rav1e, the AV1 Encoder.
- Rarely Hacks cone (VLC).
- Tries to write Alien languages like Objective-C, Rust, Assembly.
- Been part of amFOSS from S2
- Famous for being ridiculously rude and sometimes good :v

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?



The screenshot shows a GitHub commit interface. At the top, a light blue header bar contains a red 'x' icon, the text 'Advances #20', and a 'Browse files' button. Below this, a white bar shows the commit was 'committed 1 hour ago' and provides the parent commit hash '841fd3f' and the current commit hash '622ad29a5ebc03b8af41b21de4c780bc7d9ebe6e'. A summary line indicates 'Showing 1 changed file with 13 additions and 48 deletions.' To the right are 'Unified' and 'Split' view tabs. The main content area displays a diff for the file 'src/content/story.yaml'. The diff is split into two columns. The left column shows the original content with line numbers 1 to 5. Lines 1-3 are unchanged, while lines 4 and 5 are highlighted in pink, indicating deletions. The right column shows the modified content with line numbers 1 to 5. Lines 1-3 are unchanged, while lines 4 and 5 are highlighted in green, indicating additions. The changes in line 4 replace a sentence about the founder's background with a sentence about his university experience. Line 5 adds a new sentence about his role as a mentor.

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

How to do ?

Or, like this ?

✖ Update Story and Club life content

Browse files

committed 2 hours ago1 parent 7899a69commit 0e0dde1efe2a0e7af9cd1802ad653e9f20de4e00

Showing 2 changed files with 21 additions and 81 deletions.

UnifiedSplit

▼ 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](#)

Browse files

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	1	- Title: Mentorship
2	Content: !markdown	2	Content: !markdown
3	- Here at FOSS@Amrita, seniors guide juniors on their way in the club. It is a learning and development	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?

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 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 extensions 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 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 amend
```









```
Co-authored-by: "Name <email>"
```

How to do ?

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

 **xiph / rav1e**

 Unwatch  86  Unstar  1.6k  Fork  118

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















arm: tables: Add tables for sm_weights and obmc_masks 

Table for sm_weights and for obmc_masks taken from spec

 master (#1868)  20191127

 **vibhoothiaanand** committed 13 days ago 1 parent 74eac06 commit 3f775d07e58ccf20a7bdfc4c7156600e01529cbc


 Showing **1 changed file** with **40 additions** and **0 deletions**.  Unified  Split




 **40**      src/arm/tables.S 









zfs	@@ -295,3 +295,43 @@ X(mc_warp_filter):	
295	/* dummy (replicate row index 191) */	295 /* dummy (replicate row index 191) */
296	.byte 0, 0, 0, 0, 2, 127, - 1, 0	296 .byte 0, 0, 0, 0, 2, 127, - 1, 0
297	endconst	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 

...

12

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 bar below shows the file path 'src/transform/inverse.rs' with an 'Outdated' label and a 'Show resolved' link. The commit history is shown as a vertical line with icons. A 'vibhoothiaanand' force-push event is shown, pushing the 'vibhoothiaanand:src-arm-0.4.0' branch from commit '9176fdc' to '6a2c0f8' '14 days ago'. Below this, a review by 'barrbrain' is shown, dated '14 days ago', with a 'View changes' button. A comment by 'barrbrain' is displayed, 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.' The comment box includes a 'Collaborator' label, a '+😊...' icon, and a 'Show resolved' link. Below the comment, two file paths are listed: 'src/asm/aarch64/transform/inverse.rs' (marked 'Outdated') and 'src/asm/aarch64/transform/inverse.rs', each with a 'Show resolved' link. At the bottom, a commit event by 'krish-iyer and others' is shown, dated 'Apr 9', with the message 'added 17 commits on 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

`src/transform/inverse.rs` Outdated Show resolved

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

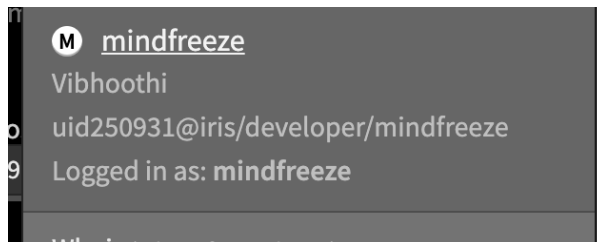
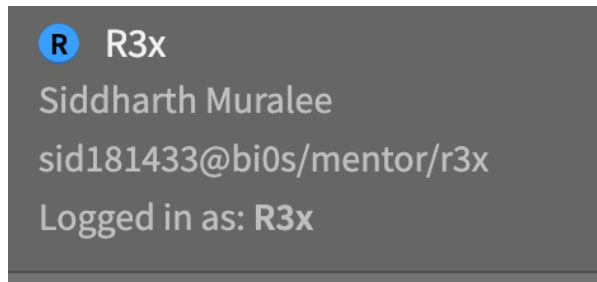
`src/asm/aarch64/transform/inverse.rs` Show resolved

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, Be dumb kids!!