GNU C Library BoF

What are we doing in coming year?

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- We will release 2 versions of glibc.
  - glibc 2.33 on February 1st 2021.
  - glibc 2.34 on August 1st 2021.

- How will we achieve this?
  - Patch review!

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- Patch review challenge:
  - How could I review 100 patches in 1 day?
  - Audience answers last year:
    - Drugs.
    - No sleep.

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- Patch review:
  - In July I peaked at ~16 patches one day.
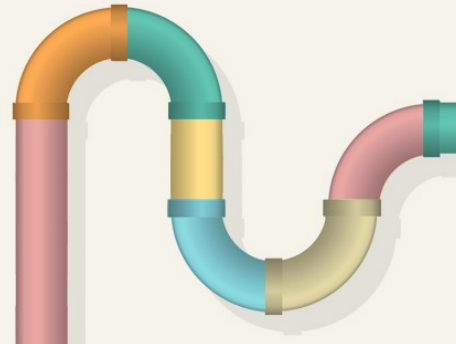 - Several days of 9-11 patches reviewed.
  - Long way to go to 100.

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- Patch review:
  - Since last cauldron:
    - 554 "Reviewed-by:" lines! Way to go!
    - Thank you reviewers! (>= 25 recorded reviews)
      - Adhemerval Zanella
      - Carlos O'Donell
      - Siddhesh Poyarekar
      - Lukas Majewski
      - Tulio Mango Quites Machado Filho
      - DJ Delroie

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- Sustainable patch review for 2.32?
  - I ignored all my other work.
  - I setup git-pw and local automation to give "Tested-By:"
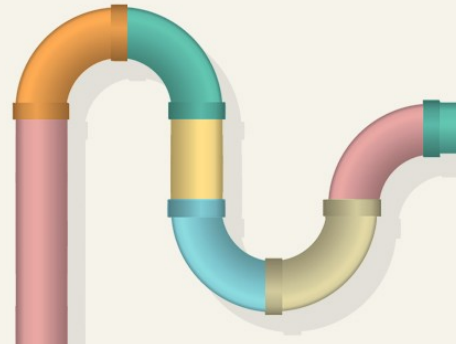 - Always by-hand inspection to give "Signed-off-by:"
  - Answer: Nope.

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- Patch review?
  - Weekly
  - Two timezones
  - Use patchwork
  - Make it smooth
  - Involve the community

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- Patch review?
  - Integrate patchwork into buildbots to get CI?
  - Want to know if patch builds
  - Want to know testsuite results with patch

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- Patch review before bug review?
  - Patches are more valuable.
  - Fix immediate problems.
  - Engage the community.

- Eventually we need bug review.
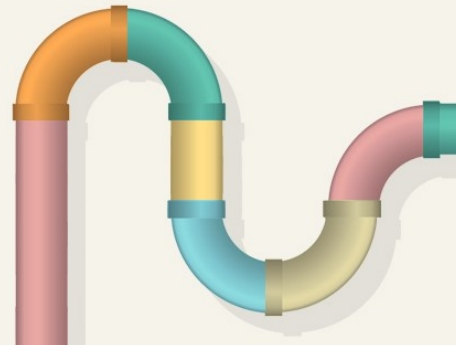
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- Other stuff?
  - Restartable sequences (rseq)
  - DSO DFS sort
  - x86 cpu-features.h
  - RV32
  - 64-bit time_t
  - malloc hook deprecation / mtrace

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- Questions?
  - libc-alpha@sourceware.org (Devlopers)
  - libc-help@sourceware.org (Help!)
  - https://sourceware.org/glibc/wiki (Wiki)
  - https://sourceware.org/bugzilla/ (Bugs)