dim tooling

Daniel Vetter, Intel OTC
XDC 2017, MV
[this is PR]

- kernel process is bonghits
- Linus (and others) are self-confessed assholes
- userspace display drivers are still a stupid idea
- we (=GFX community) prefer commit rights
  ➔ how do we not burn out contributors?
solution: dim

DRM

inglorious

maintainer
facts. real facts.

- runs drm-intel.git since 5+ years
- runs drm-misc since 2+ years
- 18 contributors, almost 500 commits
- docs, scripts, bash completion&kitchen sink
typical dev workflow

$ dim apply
$ dim push

- dim, 'cause it goes well with git
- sanity checks for everything that went wrong in the past, for much shared learning
documentation

https://01.org/linuxgraphics/gfx-docs/maintainer-tools/

[blabla about the docs]
integration tree

- you push, you conflict, you resolve
- shared with git rerere and fixup tress
- for CI, testing, ...
linux-next&merge window

- feature branch always open
- “correct“ branch is pushed to linux-next
- no merge window stress at all
for maintainers

- tags, pull requests, backmerge, all wrapped
- same idea as for committers: share the learning
next

- better integrate with patchwork (CI, r-b/a-b tags)
- drm-amd.git?
- top level drm tree like that?