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# DisplayPort DRM Framework - Takeaway


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# DisplayPort DRM Framework
# Notes from the “hacking” session

- Yes!
- First implementation targets DP 1.4a (no UBR), SST-only. MST is the next goal.
- Use `drm_connector_hdmi` as a role model
- Support link training, link retraining.
- Make **DRM_LINK_STATUS_BAD** cause retrain, lowering the max link rate.
- Use BAD link status handling as a “design validation” for the framework
- SDP Frames, try to send them by default for as much as possible
- Support eDP PSR. Don’t send VSC SDP with PSR commands until there is a driver which needs it
- Compliance testing pushed into helpers and mostly to the userspace
  - kernel per se is not DP compliant
  - Teach VKMS to generate **DRM_LINK_STATUS_BAD**

# Thank you



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