No Time to Wait!
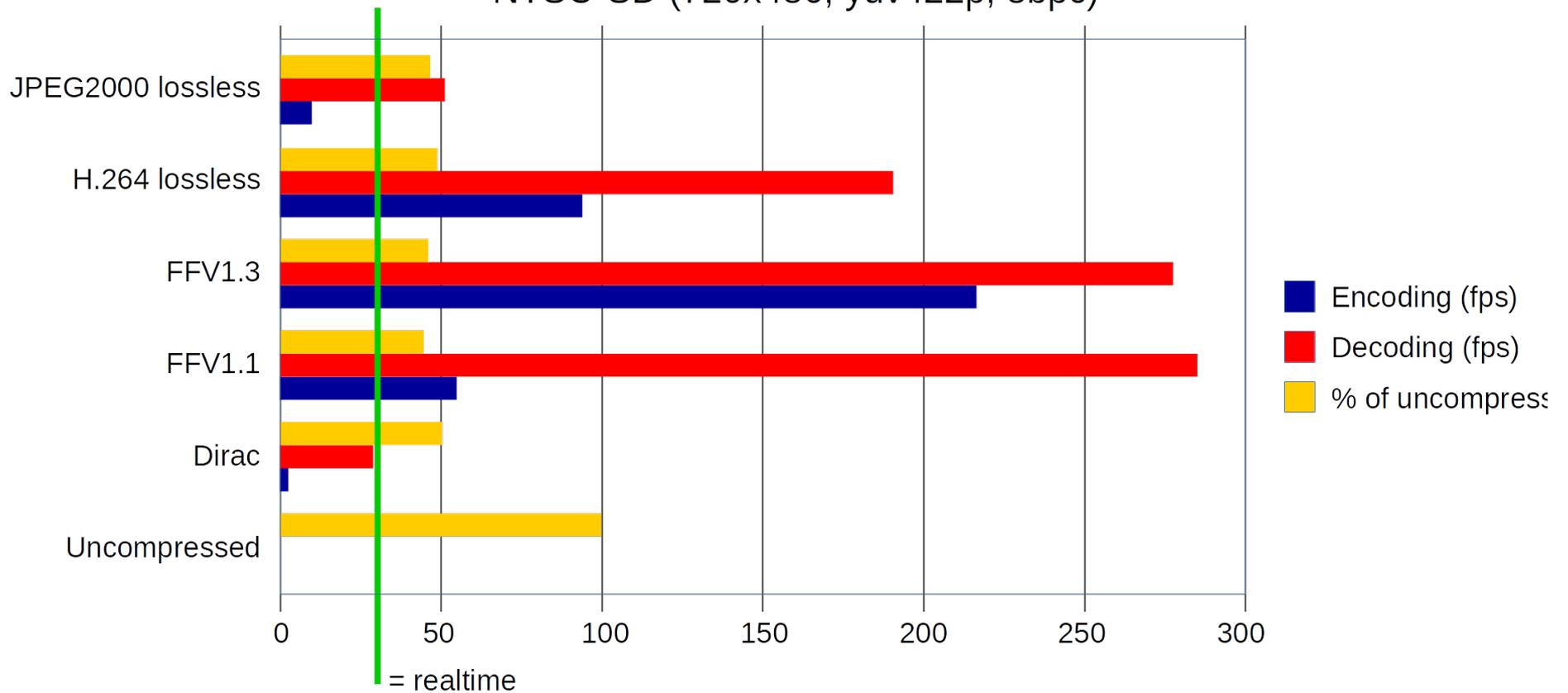## Standardizing FFV1 and Matroska for Preservation

Lightning talk
Georg Lippitsch
2016/10/10

What is FFV1

- Mathematically lossless video codec
- 8-16 bit per channel
- Many color spaces (RGB, YUV, XYZ, ...)
- High performance on standard CPU

FFV1 Performance

NTSC-SD (720x486, yuv422p, 8bpc)

Legend:
- Encoding (fps) — dark blue
- Decoding (fps) — red
- % of uncompress — yellow

= realtime

Standardized by IETF

- IETF Cellar working group:
  https://datatracker.ietf.org/wg/cellar/charter/

- Draft of RFC standard:
  https://gist.github.com/dericed/882c4ad6f4cc3e16a8104a663964e42c