

PNG WG Meeting Minutes

Apr 14th, 2025

Attendees:

(Alphabetical order)

Chris Blume

Chris Lilley

Chris Seeger

Cosmin Truta

Simon Thompson

Topics & Minutes:

- Revisit parallel decoding since we had proven implementations and demand. GitHub issues [#60](#), [#54](#), and [#41](#).
 - Can we avoid complicating the spec by doing our best with what we already have? So [pigz](#) method for now, later adding a new chunk.
 - We want a few implementations to make sure we get enough info before standardizing a possibly-suboptimal idea.
- Gain maps & gain curve
 - T.35 metadata
 - rWTm (previously dWLM)
 - We believe the spec it references is not yet published. And when published, it will be behind a paywall.
 - This will wait until Google, Apple, NBC Universal, and the new SMPTE spec clarify in the next few weeks.
 - We do want to add this to Fourth Edition.
- Generic image data
 - Enough doubt about complication vs. simplicity and if that is worth any potential benefit
 - Possibly revisit based on gain maps
- TimedText WG still references PQ iCCP named profile. We're trying to get it removed.
- We should start a Call for Consensus for Third Edition to become a Proposed Recommendation. May 12th is when the exclusion period ends.

Action Items:

- CB to write test / experiment harness for parallel decoding & different compression algorithms
- CB to implement data gathering for Chrome PNGs

- cICP after PLTE
 - mDCv/cLLi
 - Duplicate eXIf chunks (one before IDAT, one after)
- CB to (eventually) write test website & common library patches for generic image-like data chunks.
- CB to make Call for Consensus for Third Edition to move to Proposed Recommendation.
 - (Make sure to set a deadline for voting)