

PNG WG Meeting Minutes

Sep 30th, 2024

Attendees:

(Alphabetical order)

Chris Blume

Chris Seeger

Topics & Minutes:

- Move to “editors” section done. JSON trailing comma mistake fixed. Patch out to add w3cid to new editors.
- mDCv & cLLi are currently safe-to-copy.
 - This implies ordering restrictions.
 - [§ 5.6 Chunk ordering](#) says mDCv & cLLi come before PLTE and IDAT. This matches similar color-signaling chunks such as iCCP, sRGB, etc.
 - [§ 14.3.2 Ordering of ancillary chunks](#) says safe-to-copy ancillary chunks such as these may have ordering requirements relative to IDAT, but not PLTE.
 - If these chunks are made unsafe-to-copy, their ordering requirement will be okay. This also matches other similar color-signaling chunks such as iCCP, sRGB, etc.
 - The meaning of “safe-to-copy” is currently in question. For an image editor, it corresponds with image-related data. For a PNG editor which does not alter the image, all chunks would seem safe to copy.
- [libpng issue 509](#) about mDCv implementation seems okay. We should be able to go forward with the implementation.
- Future PNG editions: There was a quick discussion about the broadcast industry storing generic data. CB was curious about generic image-type data. It turns out there is a standard way to broadcast generic non-image data.
- The broadcast industry is very eager for PNG Third Edition to become recommended. It is holding up their specs.

Action Items:

- CB to ping about [libpng cICP chunk](#) .
- CB to write up a doc examining the meaning of “safe-to-copy”.
- CB to email CS about contacting mDCv & cLLi users (pulled from the implementation report) about a possible unsafe-to-copy change on the horizon.
- CB to ping W3C about wide review. The broadcast image [BT.2408](#) is waiting for a way to store static HDR images.
- CB to write strawman generic image-type data chunks proposal.