

# PNG WG Meeting Minutes

Nov 29th, 2021

## Attendees:

(Alphabetical order, black text means attended, red text means missed.)

Chris Blume

Chris Lilley

Chris Seeger

Leonard Rosenthol

Pierre-Anthony Lemieux

## Topics & Minutes:

- Do we agree with the approach (small, periodic updates to the specification)?
  - CB: “small, periodic updates” means perhaps 3 years between the next edition of the spec.
  - LR: Not okay unless each has a unique version / name
  - CS: Is cICP part of 3rd or 2nd edition?
  - CL: There is already a 1st edition and 2nd edition. They are named and can be separately referenced. A living standard is an option we could choose. But we’re already on a separate edition path.
  - No objections
- Do we agree with the scope (2nd Edition errata, Exif, APNG, cICP & iCCN)?
  - CB: Exif might be low-hanging fruit & easy.
  - CL: Already defined, easy to add.
  - CS: Could extra metadata be added to Exif?
  - LR: Exif is managed by CIPA (a Japanese standards body). It is very specific. There are other options (XMP, ISO 16684-1) that allow a more generic approach for new data to be added.
  - CS: Who controls that spec?
  - LR: The spec is standard but anyone can define their own schemas.
  - CS: We can consider this extra metadata in the 4th edition.
  - LR: Anything that is out there and “standard” should be included.
  - LR: Follow-up work after 3rd edition would be to gather common extensions and include them.
  - CL: XMP in PNG could go inside the “iTXt” chunk with an unregistered keyword “XML:com.adobe.xmp”

- CL: I agree with gathering & including extensions. There are two docs: a registry and an extension. There is a pull request to add these to the PNG spec.
- CB: APNG did not succeed in the past. But now there is wide adoption. There should be a standard for implementations to agree upon.
- PAL: This might be a large undertaking. Unless we have a strong proponent, perhaps it should happen separately.
- CL: APNG failed in the past because “MNG supported much more and so it should be used instead”.
- LR: If we add it but later find we don’t have enough support, can we pull it out?  
CL: Yes. It can be removed late.
- LR: Supports APNG if we can drop it.
- No objections
- CS: I suggest cICP and iCCN are the highest priority action items.
- CL: Would you be willing to be the primary driver on that?
- CS: Yes
- No objections
- Are there any topics someone is passionate about and would like to drive?
  - CS: Happy to work on cICP first and perhaps iCCN after.
  - CL: We should do spec wording first and then have WPT point to the spec wording.
  - LR: We should add XMP to our scope.
  - CB: I’m okay with this, since we see the need coming around the bend.
  - LR: It is already well defined and widely used.
  - No objections
- Extensions & Registry
  - CB: Would this feel too “official”?
  - CL: It would be a Note, which is not as strongly official.
  - No objections
  - LR: Minor details on formatting.
  - CL: Are we okay landing the pull request for the registry?
  - LR: Could we use Markdown instead and use tooling to convert it to HTML?
  - CL: I’m okay trying that. Let’s look at an existing example.
  - No objections

## Action Items:

- 2nd Edition errata (editorial changes) - Chris Lilley
- 2nd Edition errata (significant changes)
  - Spec wording - Chris Lilley
  - Web Platform Test - Chris Lilley
  - Libpng - Chris Blume
- 3rd Edition Exif
  - Spec wording - Leonard Rosenthol

- Web Platform Test - Leonard Rosenthol
  - Libpng - Leonard Rosenthol
- 3rd Edition XMP
  - Spec wording - Leonard Rosenthol
  - Web Platform Test - Leonard Rosenthol
  - Libpng - Leonard Rosenthol
- 3rd Edition APNG
  - Spec wording - Chris Lilley
  - Web Platform Test - Chris Lilley
  - Libpng - Chris Blume
- 3rd Edition cICP
  - Spec wording - Chris Seeger
  - Web Platform Test - Chris Seeger
  - Libpng - Chris Seeger
- 3rd Edition iCCN
  - Spec wording - Chris Seeger
  - Web Platform Test - Chris Seeger
  - Libpng - Chris Seeger
- Try to include Apple engineers who work on APNG. It is system-level (in iOS for example). - Chris Blume
- Add all meeting participants to GitHub repo as contributors - Chris Lilley
- Send out meeting minutes - Chris Blume
- Help each person get their respective ball rolling - Chris Blume