2023-11-07

November 7, 2023

Host: Carol Payne

Secretary: Carol Payne

Attendees:

- [ ] Carol (*TSC Chair*)
- [ ] Doug Walker (TSC Chief Architect) - Autodesk
- [ ] Remi Achard (TSC) - DNEG
- [ ] Kevin Wheatley (TSC) - Framestore

Apologies:

- Thomas Mansencal

OCIO Config Working Group Meeting Notes

- New Meeting time
    - Carol will create a poll to make sure we get a slot for December with all relevant attendees
    - Hoping for Mondays at 11am PST.
- CanonLog2
    - Had an email chain with Canon about adding CanonLog2, we should reply to the chain and let them know. Doug will take care of it.
- Github Projects
    - Carol showed a POC for a project board for the configs repo, mostly to demonstrate possibilities for the main repo
    - Kevin: have to decide what the focus of the board is - is it for a team, for a project, etc
    - Fewest number of statuses possible
    - overall good start, keep going in this direction after TSC discussion around the wider project
- AMF Support
    - Right now, OCIO has a prototype "pyocioamf" - takes an amf file and converts to ctf, and whatever has not been applied is what gets put into the ctf
    - We need to decide actually what needs to go into the c++ api - and it likely isn't actually what is in the prototype
    - It likely needs to convert and AMF into a Config instead
    - Doug showed a proposed config file that would get generated
        - AMF can be flexible - ex: IDT can be an ACES ID, can point to a LUT, etc
            - if it's an ACES ID, should map to the builtin that it is already in OCIO
            - if it points to an external LUT, a new colorspace would need created
                - what to call that colorspace?
                - Would probably have to be generic, as there isn't really metadata we could rely on. So something like input_colorspace_AMFID
            - Output would be similar to input
            - Looks are more complicated
                - Should each thing have its own look?
                - or should it be one look for everything that isn't yet applied?
                - Carol: should probably be at least two looks by default - one pre workingLocation and another for after the workingLocation
                - Kevin: that might not even work for all scenarios - might need more flexibility even per cdl/sequence/etc
                - Remi: likely every item in the AMF should be in the config as a look - whether or not its already been applied
                - Doug - yes, complicated per look per view per display, but also how to merge, and account for per-shot etc cdls and how those get named and created
                - We haven't before dictated per-shot workflows, but we will start to need to
                - Kevin notes that we will have in short order big scalability problems with uncontrollable amounts of looks in a config which is untenable
            - Remi:
                - input colorspace
                - colorspace to indicate what has been applied
                - can then combine that with the full view/display
                - each look should be represented individually
                - and then concatenated into a single view transform that applies everything after the workingLocation
        - API should return a Config, a tag of clip and transforms applied up to the working space, and what output transform was used in the AMF
        - Support bare minimum for this MVP, with knowledge that we will need more down the road and not every workflow will be supported with this version