

Imaging and Color

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| <p>Color Science</p> <ul style="list-style-type: none"> OpenColorIO (ASWF Adopted) rawtoaces (ASWF Incubation) ACES COLOUR | <p>Image Formats, I/O, and Processing Libraries</p> <ul style="list-style-type: none"> OpenEXR (ASWF Adopted) OpenCV (ASWF Adopted) OIO (ASWF Adopted) OpenMVG pfst-els Ptex PySceneDetect sequencer | <p>Display and Review</p> <ul style="list-style-type: none"> DPEL (ASWF Incubation) mrViewer JERI | <p>Interactive Compositing and Painting</p> <ul style="list-style-type: none"> AuthorityFX (ASWF Adopted) Alton CinePaint GIMP Natron PhotoFlow RedPaint |
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This landscape is intended as a map to explore open source projects within the animation and visual effects industry, and also shows the member companies of the Academy Software Foundation.

Assets and Workflow

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| <p>Scenes and Geometry</p> <ul style="list-style-type: none"> ALEMBIC AliceVision COLLADA DNEG (ASWF Adopted) AUTODESK (ASWF Adopted) Maya Reticle MESHROOM OpenSubdiv OpenFlipper OpenMesh USD | <p>Timelines and Animation</p> <ul style="list-style-type: none"> OpenTimelineIO (ASWF Incubation) timecode edl TimelinePartner | <p>Pipelines and Frameworks</p> <ul style="list-style-type: none"> blender CGWIRE gortex gaffer kdenlive Olive OPENASSETIO openPYPE TACTIC | <p>Software Foundation and System Administration</p> <ul style="list-style-type: none"> rez (ASWF Incubation) pystring QIPyConvert Scale Migration AuthorityFX (ASWF Adopted) ForestFlow PyMEL |
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| <p>Rendering and Queuing</p> <ul style="list-style-type: none"> MATERIALX (ASWF Incubation) open shading language (ASWF Incubation) OpenCue (ASWF Adopted) Cryptomatte intel Embree NVIDIA MDL RenderFusion CGRU | <p>Queueing and Render Management</p> | <p>Math and Simulation</p> <ul style="list-style-type: none"> OpenVDB (ASWF Adopted) OpenVDB (ASWF Incubation) Field3D Partio DNEG mathPy SOP | <p>File Formats and Interchange</p> | <p>Simulation Math Foundations</p> <ul style="list-style-type: none"> ANN EGAL PyMath Se-Expr() |
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ASWF Member Company

Premier

General

Associate