

Imaging and Color

Color Science

**OpenColorIO**  
ASWF Adopted

**rawtoaces**  
ASWF Incubation

ACES  
OpenColorIO  
COLOUR

Image Formats, I/O, and Processing Libraries

**OpenEXR**  
ASWF Adopted

OpenCV

OIO  
OpenMVG  
pfstools  
Ptex

PySceneDetect  
sequencer  
three.js

Display and Review

**DPEL**  
ASWF Incubation

**OPEN REVIEW INITIATIVE**  
ASWF Sandbox

tdv  
JERI  
mrViewer  
tRender

Interactive Compositing and Painting

AUTHORITYFX  
Aton  
CinePaint  
gimp

NATRON  
PhotoFlow  
tracksponto



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.



[l.aswf.io](http://l.aswf.io)

ASWF Member Company

Assets and Workflow

Scenes and Geometry

ALEMBIC  
AliceVision  
COLLADA  
DNEG  
Autodesk  
Maya Reticle  
MESHROOM  
OpenSubdiv  
OpenFlipper  
OpenMesh  
USD

Timelines and Animation

**OpenTimelineIO**  
ASWF Incubation

OpenTimelineIO  
Ranchhand Partner  
Cinema 4D  
timecode

Pipelines and Frameworks

**OPENASSETIO**  
ASWF Sandbox

blender  
CGWIRE  
Bolt  
Gaffer  
kdenlive  
Olive  
openPYPE  
TACTIC

Software Foundation and System Administration

**rez**  
ASWF Incubation

AUTHORITYFX  
ForestFlow  
MEL  
PyMEL  
pySling  
QIPyConvert  
Sola Migrations

Rendering and Queuing

Rendering, Lighting, and Lookdev

**MATERIALX**  
ASWF Incubation

open shading language  
ASWF Incubation

Cryptomatte  
intel  
Embrece  
MOONRAY  
NVIDIA  
MDL  
RenderFusion  
CGRU

Queueing and Render Management

**OpenCue**  
ASWF Adopted

File Formats and Interchange

**OpenVDB**  
ASWF Adopted

**OpenFX**  
ASWF Incubation

Field3D  
Partio  
DNEG  
maoFX SOP

Simulation Math Foundations

ANN  
EGAL  
Til  
PiMath  
Se-Expr()

Math and Simulation

**Premier**

Academy of Motion Picture Arts and Sciences, Adobe, AMD, AWS, Autodesk, DNEG, DreamWorks, Unreal Engine, Google, Intel, Microsoft, Netflix, NVIDIA, ImageWorks, Walt Disney Studios

**General**

Animal Logic, Canonical, ftrack, HP, Maxon, TBM, RODEO, SideFX, Foundry, Unity, Weta Digital, Wevr

**Associate**

Blender, etcc, movie labs, SMPTE, KRONOS, VES