

Imaging and Color

Color Science

**OpenColorIO**  
ASWF Adopted

**rawtoaces**  
ASWF Incubation

ACES  
A  
COLOUR

Image Formats, I/O, and Processing Libraries

**OpenEXR**  
ASWF Adopted

OpenCV  
OIO  
Ptex  
PySceneDetect

openMVG  
pfTools  
sequencer

Display and Review

**DPEL**  
ASWF Incubation

**OPEN REVIEW INITIATIVE**  
ASWF Sandbox


tdrRender  
mrViewer

OV  
JERI

Interactive Compositing and Painting



AUTHORITYFX  
Aton  
CinePaint  
gimp

NATRON  
PhotoFlow  
tracksponto



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

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

Scenes and Geometry

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

Timelines and Animation

**OpenTimelineIO**  
ASWF Incubation

OpenTimelineIO  
Rancher Desktop  
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

rez  
ForestFlow  
MEL  
pySling  
QIPyConvert  
Sola Migrations

ASWF Member Company

**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, Red Hat, RODEO, SideFX, Foundry

**Associate**

Blender, etcc, movie labs, SMPTE, Khronos, VES

**Other:** Unity, Weta Digital, Wevr, PIMath, Se-Expr()

Rendering and Queuing

Rendering, Lighting, and Lookdev

**MATERIALX**  
ASWF Incubation

open shading language  
ASWF Incubation

OpenCue  
ASWF Adopted

Cryptomatte  
Intel  
Embrece  
MOONRAY  
NVIDIA  
MDL  
RenderFusion  
CGRU

Queueing and Render Management

File Formats and Interchange

**OpenVDB**  
ASWF Adopted

**OpenFX**  
ASWF Incubation

Field3D  
Partio  
DNEG  
math3D

Simulation Math Foundations

ANN  
EGAL  
Til  
PIMath  
Se-Expr()

Math and Simulation