

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

AuthorityFX  
Aton  
CinePaint  
gimp

OV  
JERI  
mrViewer  
tRender

Natron  
PhotoFlow  
Trackerspace

Interactive Compositing and Painting

AuthorityFX  
Aton  
CinePaint  
gimp

Natron  
PhotoFlow  
Trackerspace

[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.

ASWF LANDSCAPE  
ACADEMY SOFTWARE FOUNDATION

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  
Intel  
PyMEL  
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, TBM, Rodeo, SideFX, Foundry, Wevr

Associate

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

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

CGRU

Math and Simulation

File Formats and Interchange

**OpenVDB**  
ASWF Adopted

**OpenFX**  
ASWF Incubation

Field3D  
Partio  
DNEG  
maoFX SOP

Simulation Math Foundations

ANN  
EGAL  
Til  
PiMath  
Se-Expr()