

Imaging and Color

Color Science

**OpenColorIO**  
ASWF Adopted

**rawtoaces**  
ASWF Incubation

ACES  
COLOUR

Image Formats, I/O, and Processing Libraries

**OpenEXR**  
ASWF Adopted

**OpenImageIO**  
ASWF Incubation

libitmf  
OpenCV  
Ptex  
PySceneDetect  
sequencer  
three.js

Display and Review

**DPEL**  
ASWF Incubation

**OPEN REVIEW INITIATIVE**  
ASWF Sandbox

tlRender

Interactive Compositing and Painting

AUTHORITYFX  
Aton  
CinePaint  
gimp  
NATRON  
PhotoFlow  
trackemato



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

ALEMBC  
AliceVision  
COLLADA  
DNEG  
Autodesk  
MAYA  
MESHROOM  
OpenSubdiv  
OpenFlipper  
OpenMesh  
NVIDIA PhysX  
USD

Timelines and Animation

**OpenTimelineIO**  
ASWF Incubation

timecode

Pipelines and Frameworks

**OPEN ASSETIO**  
ASWF Sandbox

kdenlive  
Olive  
openPYPE  
TACTIC

Software Foundation and System Administration

**rez**  
ASWF Incubation

pySling  
QIPyConvert  
Sola Migrations

Rendering, Lighting, and Lookdev

**MATERIALX**  
ASWF Incubation

open shading language  
ASWF Incubation

OpenCue  
ASWF Adopted

Autodesk  
Cryptomatte  
Intel  
Eembree  
MOONRAY  
NVIDIA MDL  
RenderPass

Queueing and Render Management

**OpenCue**  
ASWF Adopted

CGRU

File Formats and Interchange

**OpenVDB**  
ASWF Adopted

**OpenFX**  
ASWF Incubation

Field3D  
Partio  
DNEG

Simulation Math Foundations

ANN  
EGAL  
PILMath  
Se-Expr()

Math and Simulation

Premier

Academy of Motion Picture Arts and Sciences  
Adobe  
AMD  
aws  
Autodesk  
DNEG  
DreamWorks  
UNREAL ENGINE  
Microsoft  
NETFLIX  
NVIDIA  
Google  
intel  
imageworks  
Walt Disney Studios

General

Animal Logic  
BOSS  
CANONICAL  
CoreWeave  
ftrack  
hp  
MAXON  
otoy  
Red Hat  
RODEO  
SideFX  
FOUNDRY  
Wevr

Associate

blender  
etc  
movie labs  
SMPTE  
KHRONOS  
VES