

Imaging and Color

Color Science

**OpenColorIO**  
ASWF Adopted

**rawtoaces**  
ASWF Incubation

ACES  
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

tdrRender

Interactive Compositing and Painting

**AUTHORITYFX**  
ASWF Incubation

**Aton**

**CinePaint**

**gimp**

**NATRON**

**PhotoFlow**

**trackspacer**

[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**  
mayaViewmode

AUTODESK  
Maya Reticle  
MESHROOM  
OpenSubdiv

OpenFlipper  
OpenMesh  
NVIDIA  
PhysX  
USD

Timelines and Animation

**OpenTimelineIO**  
ASWF Incubation

timecode

Pipelines and Frameworks

**OPENASSETIO**  
ASWF Sandbox

blender  
CGWIRE

gaffer

kdenlive  
olive  
openPYPE  
TACTIC

Software Foundation and System Administration

**rez**  
ASWF Incubation

**AUTHORITYFX**  
ASWF Incubation

ForestFlow

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

**unity**  
weta DIGITAL

**General**

ANIMALLOGIC  
CANONICAL  
FRANZBROTHERS  
ftrack  
hp  
MAXON  
TBM  
RODEO  
SideFX  
FOUNDRY

Wevr

**Associate**

blender  
etc  
movie labs  
SMPTE  
KHRONOS  
VES

Rendering and Queuing

Rendering, Lighting, and Lookdev

**MATERIALX**  
ASWF Incubation

open shading language  
ASWF Incubation

Autodesk  
Cryptomatte  
intel  
Eembree

MOONRAY  
NVIDIA  
MDL  
RenderPlatte

Queueing and Render Management

**OpenCue**  
ASWF Adopted

CGRU

Math and Simulation

File Formats and Interchange

**OpenVDB**  
ASWF Adopted

**OpenFX**  
ASWF Incubation

Field3D  
Partio  
DNEG  
mathviz SOP

Simulation Math Foundations

ANN

EGAL

til  
PiMath

Se-Expr()