

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

tdv  
JERI  
mrViewer  
tRender

Interactive Compositing and Painting

**AUTHORITYFX**  
ASWF Member Company

**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.

ASWF LANDSCAPE

ASWF ACADEMY SOFTWARE FOUNDATION

Assets and Workflow

Scenes and Geometry

**ALEMBC**

AliceVision  
COLLADA  
**DNEG**  
Autodesk  
Maya Reticle  
MESHROOM  
OpenSubdiv

OpenFlipper  
OpenMesh  
NVIDIA PhysX  
USD

Timelines and Animation

**OpenTimelineIO**  
ASWF Incubation

OpenTimelineIO  
Ranchhand Partner

OpenTimelineIO  
timecode

Pipelines and Frameworks

**OPENASSETIO**  
ASWF Sandbox

blender  
CGWIRE

OpenAssetIO  
BoltFX  
Gaffer

kdenlive  
Olive  
openPYPE  
TACTIC

Software Foundation and System Administration

**rez**  
ASWF Incubation

**AUTHORITYFX**  
ASWF Member Company

**ForestFlow**

**rez**  
MILLIKIN

**PyMEL**

pySling  
QIPyConvert  
Sola Migrations

ASWF Member Company

**Premier**

**Academy of Art College**  
**Adobe**  
**AMD**  
**aws**  
**AUTODESK**

**DNEG**  
**DREAMWORKS**  
**UNREAL ENGINE**  
**NETFLIX**  
**NVIDIA**  
**weta DIGITAL**

**Google**  
**Microsoft**  
**imageworks**  
**Walt Disney Studios**  
**unity**

**General**

**ANIMALLOGIC**  
**CANONICAL**  
**frack**  
**hp**  
**MAXON**  
**TBM**  
**RODEO**  
**SideFX**  
**FOUNDRY**

**Associate**

**blender**  
**etc**  
**movie labs**  
**SMPTE**  
**KHRONOS**  
**VES**

**Math and Simulation**

**ANN**  
**EGAL**  
**til**  
**PyMath**  
**Se-Expr()**

Rendering and Queuing

Rendering, Lighting, and Lookdev

**MATERIALX**  
ASWF Incubation

**open shading language**  
ASWF Incubation

**OpenCue**  
ASWF Adopted

Cryptomatte  
intel Embree  
MOONRAY  
NVIDIA MDL

RenderFusion  
CGRU

Queueing and Render Management

File Formats and Interchange

**OpenVDB**  
ASWF Adopted

**OpenFX**  
ASWF Incubation

**Field3D**  
**Partio**  
**DNEG**  
mathFX SOP

Simulation Math Foundations

**ANN**  
**EGAL**  
**til**  
**PyMath**  
**Se-Expr()**

Math and Simulation