

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**

**trackunto**

[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** / ACADEMY SOFTWARE FOUNDATION

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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**  
MILLICENT

**PyMEL**

pySling  
QIPyConvert  
Sola Migrations

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  
maoFX SOP

Simulation Math Foundations

**ANN**

**EGAL**

**Til**  
PiMath

**Se-Expr()**

ASWF Member Company

**Premier**

**Academy of Motion Picture Arts and Sciences**  
**Adobe**  
**AMD**  
**aws**  
**AUTODESK**

**DNEG**  
**DREAMWORKS**  
**UNREAL ENGINE**  
**Google**  
**Microsoft**

**NETFLIX**  
**NVIDIA**  
**imageworks**  
**WALT DISNEY Studios**  
**unity**

**weta DIGITAL**

**General**

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

**WB**  
**Wevr**

**Associate**

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