

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

Display and Review

**DPEL**  
ASWF Incubation

**OPEN REVIEW INITIATIVE**  
ASWF Sandbox

tdv  
JERI  
mrViewer  
tRender

Interactive Compositing and Painting

**AUTHORITYFX**  
ASWF Incubation

**Aton**  
CinePaint  
gimp

**NATRON**  
PhotoFlow  
tracksponto

*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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[l.aswf.io](http://l.aswf.io)

Assets and Workflow

Scenes and Geometry

**ALEMBC**  
AliceVision  
COLLADA  
DNEG  
AUTODESK  
MAYA  
MESHROOM  
OpenSubdiv  
OpenFlipper  
OpenMesh  
USD

Timelines and Animation

**OpenTimelineIO**  
ASWF Incubation

OpenTimelineIO  
Rancheren  
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  
MEL  
PyMEL  
pyString  
QIPyConvert  
Sola Migrations

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  
maoFX SOP

Simulation Math Foundations

**ANN**  
**EGAL**  
Til  
PiMath  
Se-Expr()

ASWF Member Company

**Premier**

**Academy of Art College**, **Adobe**, **AMD**, **aws**, **AUTODESK**, **DNEG**, **DREAMWORKS**, **UNREAL ENGINE**, **Google**, **intel**, **Microsoft**, **NETFLIX**, **NVIDIA**, **imageworks**, **WALT DISNEY Studios**

**General**

**ANIMALLOGIC**, **CANONICAL**, **fractalFX**, **ftrack**, **hp**, **MAXON**, **Red Hat**, **RODEO**, **SideFX**, **FOUNDRY**, **WETA DIGITAL**, **unity**, **Wevr**

**Associate**

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