

Imaging and Color

Color Science

**OpenColorIO**  
ASWF Adopted

**rawtoaces**  
ASWF Incubation

ACES  
OpenColorIO  
COLOUR

Image Formats, I/O, and Processing Libraries

**OpenEXR**  
ASWF Adopted

**OpenImageIO**  
ASWF Incubation

OpenEXR  
libitmf  
OpenCV  
openMVG  
pfstools  
Ptex  
PySceneDetect  
sequencer  
three.js

Display and Review

**DPEL**  
ASWF Incubation

**OPEN REVIEW INITIATIVE**  
ASWF Sandbox

DPEL  
JERI  
Open RV  
tRender

Interactive Compositing and Painting

AUTHORITYFX  
Alton  
CinePaint  
gimp  
NATRON  
PhotoFlow  
trackemato



[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

ACADEMY SOFTWARE FOUNDATION  
USD Working Group  
ASWF Working Group

AUTODESK  
Maya Reticle  
OpenFlipper  
OpenMesh

ALEMBIC  
COLLADA  
DNEG  
OpenSubdiv  
MESHROOM  
nvidia PhysX  
USD

Timelines and Animation

**OpenTimelineIO**  
ASWF Incubation

edl  
Ranchhand partner  
Cinema 4D  
timecode

Pipelines and Frameworks

**OPEN ASSETIO**  
ASWF Sandbox

blender  
CGWIRE  
portex  
Puffer  
kdenlive  
Olive  
openPYPE  
TACTIC

Software Foundation and System Administration

**rez**  
ASWF Incubation

AUTHORITYFX  
ForestFlow  
Lumina  
PYMEL  
XPY  
pyString  
QIPyConvert  
Soak Migrations

Rendering, Lighting, and Lookdev

**MATERIALX**  
ASWF Incubation

open shading language  
ASWF Incubation

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

ACADEMY SOFTWARE FOUNDATION  
Rust Working Group  
ASWF Working Group

ANN  
EGAL  
PIMath  
Se-Expr()

ASWF Member Company

**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**

unity  
weta DIGITAL  
ANIMALLOGIC  
BOSS/ELT  
CANONICAL  
CoreWeave  
FOUNDSTONE  
ftrack  
hp  
MAXON  
otoy  
Red Hat  
RODEO  
SideFX  
FOUNDRY  
Wevr

**Associate**

blender  
etc  
movie labs  
SMPTE  
KHRONOS  
VES