

Imaging and Color

Color Science

**OpenColorIO**  
ASWF Adopted

**rawtoaces**  
ASWF Incubation

ACES  
COLOUR  
wetaFX PhysLight

Image Formats, I/O, and Processing Libraries

**OpenEXR**  
ASWF Adopted

**OpenImageIO**  
ASWF Incubation

gating  
Ptex

libitmf  
OpenCV  
openAVG

PySceneDetect  
sequencer  
three.js  
VMAF

Display and Review

**DPXL**  
ASWF Incubation

**OPEN REVIEW INITIATIVE**  
ASWF Sandbox

Open RV

tRender

Interactive Compositing and Painting

AUTHORITYFX  
Aton  
CinePaint  
gimp

NATRON  
PhotoFlow  
TrackPainters



[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 Member Company

Premier

Academy of Motion Picture Arts and Sciences  
Adobe  
AMD  
aws  
AUTODESK

DNEG  
DREAMWORKS  
EPIC GAMES  
Google  
intel

Microsoft  
NETFLIX  
nVIDIA  
imageworks  
WALT DISNEY Studios

Assets and Workflow

Scenes and Geometry

Academy Software Foundation USD Working Group  
ASWF Working Group

ALEMBIC  
COLLADA  
DNEG

AUTODESK  
MAYA  
MESHROOM  
OpenSubdiv

OpenFlipper  
OpenMesh  
PhysX  
USD

Timelines and Animation

**OpenTimelineIO**  
ASWF Incubation

ed1  
fancemachine

OpenTimelineIO  
timecode

Pipelines and Frameworks

**OPEN ASSETIO**  
ASWF Sandbox

blender  
CGWIRE

gortex  
aaffer

kdenlive  
Olive  
Google Cloud  
openPYPE

TACTIC  
Walt Disney  
USD Video Framework

Software Foundation and System Administration

**rez**  
ASWF Incubation

AUTHORITYFX  
ForestFlow

PyTREL  
pyString

QIPyConvert  
Soak Migrations

Rendering and Queuing

Rendering, Lighting, and Lookdev

open shading language  
ASWF Adopted

**MATERIALX**  
ASWF Incubation

Autodesk  
Cryptomatte  
Intel  
EMBREE  
MOONRAY  
NVIDIA  
MDL  
Intel  
Open Image Denoise

RenderFlow  
QUILTIX  
StratusVR

Queueing and Render Management

**OpenCue**  
ASWF Adopted

CGRU  
aws

File Formats and Interchange

**OpenVDB**  
ASWF Adopted

**OpenFX**  
ASWF Incubation

Field3D  
OpenVDB  
Partio  
DNEG

Simulation

OpenVDB  
Partio  
DNEG

Math Foundations

Academy Software Foundation Working Group for Rust Bindings  
ASWF Working Group

ANN  
CGAL

PiMath  
Se-Expr()

Math and Simulation

General

weta DIGITAL

ANIMALLOGIC  
BOULDER  
CANONICAL  
CoreWeave  
FOUNDERSTONE  
ftrack  
hp  
MAXON  
MCD  
otoy

Red Hat  
RODEO  
SideFX  
FOUNDRY  
Wevr

blender  
etc  
movie labs  
SMPTE  
KHRONOS  
VES

Associate