

Imaging and Color

Color Science

**OpenColorIO**  
ASWF Adopted

**rawtoaces**  
ASWF Incubation

ACES  
COLOUR

Image Formats, I/O, and Processing Libraries

**OpenEXR**  
ASWF Adopted

**OpenImageIO**  
ASWF Incubation

gating

FFmpeg

libitmf

OpenCV

OpenAVC

pfstools

Ptex

PySceneDetect

sequencer

three.js

Display and Review

**DPXL**  
ASWF Incubation

**OPEN REVIEW INITIATIVE**  
ASWF Sandbox

Open RV

JERI

mirv2

Open RV

tlRender

Interactive Compositing and Painting

AUTHORITYFX

Aton

CinePaint

gimp

NATRON

PhotoFlow

trackemantics



[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

MESHROOM

OpenSubdiv

OpenFlipper

OpenMesh

PhysX by NVIDIA

USD

ALAMBIC

COLLADA

DNEG

OpenSubdiv

Timelines and Animation

**OpenTimelineIO**  
ASWF Incubation

edl

flamethicket partner

OpenTimelineIO

timecode

Pipelines and Frameworks

**OPEN ASSETIO**  
ASWF Sandbox

blender

CGWIRE

gortex

aaffer

TACTIC

kdenlive

Olive

openPYPE

OpenAssetIO

Software Foundation and System Administration

**rez**  
ASWF Incubation

AUTHORITYFX

ForestFlow

PyTREL

pyString

Boat Migrations

Rendering, Lighting, and Lookdev

**open shading language**  
ASWF Adopted

**MATERIALX**  
ASWF Incubation

AUTODESK

RenderMan

intel EMBREE

MOONRAY

NVIDIA MDL

intel Open Image Denoise

RenderFlow

QUILTIX

Stratovision

Queueing and Render Management

**OpenCue**  
ASWF Adopted

CGRU

File Formats and Interchange

**OpenVDB**  
ASWF Adopted

**OpenFX**  
ASWF Incubation

Partio

DNEG

Simulation

OpenVDB

OpenFX

Math Foundations

**ACADEMY SOFTWARE FOUNDATION Working Group for Rust Bindings**  
ASWF Working Group

ANN

CGAL

PiMath

Se-Expr()

ASWF Member Company

Premier

ACADEMY OF MOTION PICTURE ARTS AND SCIENCES

Adobe

AMD

aws

AUTODESK

DNEG

DREAMWORKS

UNREAL ENGINE

Google

intel

Microsoft

NETFLIX

NVIDIA

imageworks

WALT DISNEY Studios

General

ANIMALLOGIC

BOULDER

Canonical

CoreWeave

FRANZBROS

ftrack

hp

MAXON

MOD

otoy

Associate

blender

etc

movie labs

SMPTE

KHRONOS

VES

Rendering and Queuing

Math and Simulation