

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

FFmpeg

libitmf

OpenCV

OpenAVIF

pftools

Ptex

PySceneDetect

sequencer

three.js

VMAF

Display and Review

**DPXL** ASWF Incubation

**OPEN REVIEW INITIATIVE** ASWF Sandbox

Open RV

JERI

mirv2

tRender

Interactive Compositing and Painting

AUTHORITYFX

Aton

CinePaint

gimp

NATRON

PhotoFlow

trackemantics



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.



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

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

AliceVision

COLLADA

DNEG

AUTODESK

Maya Reticle

MESHROOM

OpenSubdiv

OpenFlipper

OpenMesh

PhysX by NVIDIA

USD

Timelines and Animation

**OpenTimelineIO** ASWF Incubation

ed1

Framechain Editor

OpenTimeline

timecode

Pipelines and Frameworks

**OPEN ASSETIO** ASWF Sandbox

AION

blender

cortex

aaffer

kdenlive

fox

Olive

Google Cloud

PRISM

TACTIC

Walt Disney USD Meta Framework

Software Foundation and System Administration

**rez** ASWF Incubation

AUTHORITYFX

ForestFlow

PyTREL

pyString

QIPyConvert

Boat 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

RenderFusion

QUILTIX

StratusFX

Queueing and Render Management

**OpenCue** ASWF Adopted

CGRU

aws

File Formats and Interchange

**OpenVDB** ASWF Adopted

**OpenFX** ASWF Incubation

Field3D

OpenVCal

Partio

DNEG

Simulation Math Foundations

Academy Software Foundation Working Group for Rust Bindings ASWF Working Group

ANN

CGAL

PIMath

Se-Expr()

Math and Simulation

General

wetaFX

ANIMALLOGIC

BOULDER

Canonical

CoreWeave

FRAMSTONE

ftrack

hp

MAXON

MOD

otoy

Red Hat

RODEO

SideFX

FOUNDRY

Associate

blender

etc

movie labs

SMPTE

KHRONOS

VES