

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
three.js

Display and Review

DPEL
ASWF Incubation

OPEN REVIEW INITIATIVE
ASWF Sandbox

tdRender

Interactive Compositing and Painting

AUTHORITYFX
ASWF Member Company

Aton

CinePaint

gimp

NATRON

PhotoFlow

trackspacer

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 / ACADEMY SOFTWARE FOUNDATION
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Assets and Workflow

Scenes and Geometry

ALEMBC

AliceVision
COLLADA
DNEG
mayaViewmode

AUTODESK
maya Render

MESHROOM

OpenSubdiv

OpenFlipper
OpenMesh
NVIDIA
PhysX
USD

Timelines and Animation

OpenTimelineIO
ASWF Incubation

timecode

Pipelines and Frameworks

OPENASSETIO
ASWF Sandbox

blender

CGWIRE

gaffer

kdenlive

olive

openPYPE

TACTIC

Software Foundation and System Administration

rez
ASWF Incubation

AUTHORITYFX
ASWF Member Company

ForestFlow

PyMEL

pySling

QiPyConvert

SoDa Migrations

Rendering and Queuing

Rendering, Lighting, and Lookdev

MATERIALX
ASWF Incubation

open shading language
ASWF Incubation

OpenCue
ASWF Adopted

Cryptomatte
intel
Embrex
MOONRAY
NVIDIA
MDL

RenderFusion

CGRU

Queueing and Render Management

File Formats and Interchange

OpenVDB
ASWF Adopted

OpenFX
ASWF Incubation

Field3D

Partio

DNEG
mayaFX SOP

Simulation Math Foundations

ANN

EGAL

Til
PiMath

Se-Expr()

Math and Simulation

ASWF Member Company

Premier

Academy of Motion Picture Arts and Sciences

Adobe

AMD

aws

AUTODESK

DNEG

DREAMWORKS

UNREAL ENGINE

Google

Microsoft

NETFLIX

NVIDIA

imageworks

WALT DISNEY Studios

unity

weta DIGITAL

General

ANIMALLOGIC

CANONICAL

frack

hp

MAXON

TBM

RODEO

SideFX

FOUNDRY

Wevr

Associate

blender

etc

movie labs

SMPTE

KHRONOS

VES