

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

OV

JERI

mrViewer

tlRender

Interactive Compositing and Painting

AUTHORITYFX

Aton

CinePaint

gimp

NATRON

PhotoFlow

trackersno

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

ALEMBC

AliceVision

COLLADA

DNEG

AUTODESK

Maya Reticle

MESHROOM

OpenSubdiv

OpenFlipper

OpenMesh

USD

Timelines and Animation

OpenTimelineIO
ASWF Incubation

OpenTimelineIO

timecode

Pipelines and Frameworks

OPENASSETIO
ASWF Sandbox

blender

CGWIRE

OpenPype

TACTIC

Software Foundation and System Administration

rez
ASWF Incubation

AUTHORITYFX

ForestFlow

PyMEL

pySling

QiPyConvert

Scene Migrations

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

unity

weta DIGITAL

General

ANIMALLOGIC

CANONICAL

ftrack

hp

MAXON

Red Hat

RODEO

SideFX

FOUNDRY

Wevr

Associate

blender

etc

movie labs

SMPTE

KHRONOS

VES

Rendering and Queuing

Rendering, Lighting, and Lookdev

MATERIALX
ASWF Incubation

open shading language
ASWF Incubation

Cryptomatte

intel Embree

MOONRAY

NVIDIA MDL

RenderFusion

Queueing and Render Management

OpenCue
ASWF Adopted

CGRU

Math and Simulation

File Formats and Interchange

OpenVDB
ASWF Adopted

OpenFX
ASWF Incubation

Field3D

Partio

DNEG

Simulation Math Foundations

ANN

EGAL

til PiMath

Se-Expr()