

Imaging and Color

Color Science

OpenColorIO
ASWF Adopted

rawtoaces
ASWF Incubation

ACES

COLOUR

Image Formats, I/O, and Processing Libraries

OpenEXR
ASWF Adopted

OpenCV

OpenMVG

pfstools

Ptex

OIO

PySceneDetect

sequencer

Display and Review

DPEL
ASWF Incubation

OPEN REVIEW INITIATIVE
ASWF Sandbox

tdrRender

mrViewer

JERI

OV

Interactive Compositing and Painting

AUTHORITYFX

Aton


CinePaint

gimp

NATRON



PhotoFlow

tracksponto



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

ALEMBIC

AliceVision

COLLADA

DNEG

AUTODESK

Maya Reticle

MESHROOM

OpenSubdiv

OpenFlipper

OpenMesh

USD

Timelines and Animation

OpenTimelineIO
ASWF Incubation

timecode

OpenTimeline

RenderChannelParser

Pipelines and Frameworks

OPENASSETIO
ASWF Sandbox

blender

CGWIRE

OpenPYPE

TACTIC

kdenlive

olive

Software Foundation and System Administration

rez
ASWF Incubation

pySling

QIPyConvert

Sola Migrations

AUTHORITYFX

ForestFlow

PyMEL

Rendering and Queuing

Rendering, Lighting, and Lookdev

MATERIALX
ASWF Incubation

open shading language
ASWF Incubation

OpenCue
ASWF Adopted

RenderFusion

Cryptomatte

intel Embree

MOONRAY

NVIDIA MDL

CGRU

Queueing and Render Management

File Formats and Interchange

OpenVDB
ASWF Adopted

OpenFX
ASWF Incubation

Field3D

Partio

DNEG

Simulation Math Foundations

ANN

EGAL

Til

Se-Expr()

Math and Simulation

ASWF Member Company

Premier

Academy of Art University, **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**