

Imaging and Color

Color Science

OpenColorIO
ASWF Adopted

rawtoaces
ASWF Incubation

ACES
ACES
COLOUR

Image Formats, I/O, and Processing Libraries

OpenEXR
ASWF Adopted

OpenImageIO
ASWF Incubation

FFmpeg

OpenMVG

libitmf

OpenCV

PySceneDetect

sequencer

three.js

ptex

pfstools

THE OPEN PROJECT

Display and Review

DPEL
ASWF Incubation

OPEN REVIEW INITIATIVE
ASWF Sandbox

Open RV

JERI

Open RV

tRender

Interactive Compositing and Painting

AUTHORITY X

Alton

CinePaint

gimp

NATRON

PhotoFlow

trackemato



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

ASWF Member Company

Assets and Workflow

Scenes and Geometry

ACADEMY SOFTWARE FOUNDATION USD Working Group
ASWF Working Group

AUTODESK

OpenFlipper

Myra Refine

MESHROOM

OpenMesh

PhysX

USD

ALEMBIC

COLLADA

DNEG

OpenSubdiv

USD

AliceVision

OpenTimelineIO

Timelines and Animation

OpenTimelineIO
ASWF Incubation

edl

timecode

Pipelines and Frameworks

OPEN ASSETIO
ASWF Sandbox

blender

CGWIRE

gaffer

TACTIC

kdenlive

Olive

openPYPE

OpenAssetIO USD Release Framework

Software Foundation and System Administration

rez
ASWF Incubation

AUTHORITY X

ForestFlow

pyString

QIPyConvert

Boat Migrations

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

BOSS

Canonical

CoreWeave

ftrack

hp

MAXON

Red Hat

RODEO

SideFX

FOUNDRY

Wevr

Associate

blender

etcc

movie labs

SMPTE

KHRONOS

VES

Rendering, Lighting, and Lookdev

open shading language
ASWF Adopted

MATERIAL X
ASWF Incubation

AUTODESK

RenderMan

intel EMBREE

MOONRAY

NVIDIA MDL

intel Open Image Denoise

StratusCF

Queueing and Render Management

OpenCue
ASWF Adopted

CGRU

File Formats and Interchange

OpenVDB
ASWF Adopted

OpenFX
ASWF Incubation

Partio

DNEG

Simulation

OpenAssetIO

Math Foundations

ACADEMY SOFTWARE FOUNDATION Working Group for Rust Bindings
ASWF Working Group

ANN

CGAL

PIMath

Se-Expr()

Math and Simulation