

Imaging and Color

Color Science

OpenColorIO ASWF Adopted

rawtoaces ASWF Incubation

ACES

OpenColorIO

COLOUR

Image Formats, I/O, and Processing Libraries

OpenEXR ASWF Adopted

OpenImageIO ASWF Incubation

FFmpeg

gating

libitmf

OpenCV

OpenAVIF

pftools

Ptex

PySceneDetect

sequencer

three.js

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

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 / THE ACADEMY SOFTWARE FOUNDATION LANDSCAPE

ASWF / THE ACADEMY SOFTWARE FOUNDATION

ASWF Member Company

Premier

General

Associate

Assets and Workflow

Scenes and Geometry

ACADEMY SOFTWARE FOUNDATION USD Working Group ASWF Working Group

AUTODESK

Maya Reticle

MESHROOM

OpenSubdiv

OpenFlipper

OpenMesh

PhysX by NVIDIA

USD

ALEMBIC

COLLADA

DNEG

OpenSubdiv

Timelines and Animation

OpenTimelineIO ASWF Incubation

coll

franchiser

timecode

Pipelines and Frameworks

OPEN ASSETIO ASWF Sandbox

blender

CGWIRE

sortex

aaffer

Google Cloud

openPYPE

kdenlive

Olive

TACTIC

OpenAssetIO

Software Foundation and System Administration

rez ASWF Incubation

AUTHORITYFX

ForestFlow

PyMEL

pyString

QIPyConvert

Boat Migrations

Rendering and Queuing

Rendering, Lighting, and Lookdev

open shading language ASWF Adopted

MATERIALX ASWF Incubation

Autodesk

RenderMan

Intel Embree

MOONRAY

NVIDIA MDL

Intel Open Image Denoise

QUILTI

Stratovis

Queueing and Render Management

OpenCue ASWF Adopted

CGRU

aws

File Formats and Interchange

OpenVDB ASWF Adopted

OpenFX ASWF Incubation

Partio

DNEG

Simulation

ACADEMY SOFTWARE FOUNDATION Working Group for Rust Bindings ASWF Working Group

ANN

CGAL

PIMath

Se-Expr()

Math Foundations

Math and Simulation