

Imaging and Color

Color Science

OpenColorIO
ASWF Adopted

rawtoaces
ASWF Incubation

ACES
COLOUR

Image Formats, I/O, and Processing Libraries

OpenEXR
ASWF Adopted

OpenCV
OIIO
Ptex
PySceneDetect

openMVG
pfst-els

sequencer

Display and Review

DPEL
ASWF Incubation

JERI
mrViewer

Interactive Compositing and Painting

AuthorityFX
Aton
NATRON

AuthorityFX
CinePaint
PhotoFlow

AuthorityFX
gimp
Redshift

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 LANDSCAPE
ACADEMY SOFTWARE FOUNDATION

Assets and Workflow

Scenes and Geometry

ALEMBIC
AliceVision
COLLADA
DNEG
AUTODESK
MAYA
MESHROOM
OpenSubdiv
OpenFlipper
OpenMesh
USD

Timelines and Animation

OpenTimelineIO
ASWF Incubation

edl
timecode

Pipelines and Frameworks

blender
CGWIRE
gortex
Gaffer
kdenlive
Olive
OPENASSETIO
openPYPE
TACTIC

Software Foundation and System Administration

rez
ASWF Incubation

py::string
QIPyConvert
Scale Migration

AuthorityFX
ForestFlow
Luma
PyMEL

Rendering and Queuing

Rendering, Lighting, and Lookdev

MATERIALX
ASWF Incubation

open shading language
ASWF Incubation

Cryptomatte
intel
nvidia
RenderMan

Queueing and Render Management

OpenCue
ASWF Adopted

CGRU

Math and Simulation

File Formats and Interchange

OpenVDB
ASWF Adopted

Field3D
EXR
Partio
DNEG

Simulation

OpenColorIO

Math Foundations

ANN
EGAL
PiMath
SeExpr()

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

Animal Logic, Canonical, ftrack, Maxon, Red Hat, RODEO, SideFX, Foundry, Wevr

Associate

Blender, etcc, movie labs, SMPTE, Khronos, VES