

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

tdRender

Interactive Compositing and Painting

AuthorityFX

Aton
CinePaint
gimp

Natron
PhotoFlow
TrackPaint



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

Assets and Workflow

Scenes and Geometry

ALEMBIC

AliceVision
COLLADA
DNEG
Autodesk
Maya Reticle
MESHROOM
OpenSubdiv

OpenFlipper
OpenMesh
NVIDIA PhysX
USD

Timelines and Animation

OpenTimelineIO
ASWF Incubation

timecode

Pipelines and Frameworks

OPENASSETIO
ASWF Sandbox

blender
CGWIRE
kdenlive
Olive
openPYPE
TACTIC

Software Foundation and System Administration

rez
ASWF Incubation

pySling
QIPyConvert
Sola Migrations

Rendering, Lighting, and Lookdev

MATERIALX
ASWF Incubation

open shading language
ASWF Incubation

OpenCue
ASWF Adopted

Cryptomatte
intel
Embrece
MOONRAY
NVIDIA MDL

RenderFusion
CGRU

Queueing and Render Management

File Formats and Interchange

OpenVDB
ASWF Adopted

OpenFX
ASWF Incubation

Field3D
Partio
DNEG

Simulation Math Foundations

ANN
EGAL
Til
PiMath
Se-Expr()

Rendering and Queuing

Math and Simulation

ASWF Member Company

Premier

Academy of Motion Picture Arts and Sciences
Adobe
AMD
aws
Autodesk
DNEG
DreamWorks
UNREAL ENGINE
Microsoft
NETFLIX
NVIDIA
Google
intel
imageworks
Walt Disney Studios

General

unity
weta DIGITAL
ANIMALLOGIC
CANONICAL
ftrack
hp
MAXON
TBM
RODEO
SideFX
FOUNDRY

Associate

blender
etc
movie labs
SMPTE
KHRONOS
VES