

Imaging and Color

Color Science

OpenColorIO
ASWF Adopted

rawtoaces
ASWF Incubation

ACES
A
COLOUR

Image Formats, I/O, and Processing Libraries

OpenEXR
ASWF Adopted

OpenCV
OIO
Ptex
PySenceDetect

openMVG
pfstools
sequencer

Display and Review


DPEL
ASWF Incubation

OPEN REVIEW INITIATIVE
ASWF Sandbox

tdrRender
JERI
mrViewer



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

ALEMBC
AliceVision
COLLADA
DNEG
AUTODESK
Maya Reticle
MESHROOM
OpenSubdiv
OpenFlipper
OpenMesh
USD

Timelines and Animation

OpenTimelineIO
ASWF Incubation

OpenTimelineIO
Rancher Desktop
CINEMA 4D
timecode

Pipelines and Frameworks

OPENASSETIO
ASWF Sandbox

blender
CGWIRE
BoltFX
Gaffer
kdenlive
Olive
openPYPE
TACTIC

Software Foundation and System Administration

rez
ASWF Incubation

rez
ForestFlow
MEL
pySling
QIPyConvert
Sola Migrations

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

General

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

Associate

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

Other: Unity, Weta Digital, Wevr, PIMath, Se-Expr()

Rendering and Queuing

Rendering, Lighting, and Lookdev

MATERIALX
ASWF Incubation

open shading language
ASWF Incubation

Cryptomatte
Intel Embree
MOONRAY
NVIDIA MDL
RenderFusion
CGRU

Queueing and Render Management

OpenCue
ASWF Adopted

File Formats and Interchange

OpenVDB
ASWF Adopted

OpenFX
ASWF Incubation

Field3D
Partio
DNEG

Simulation Math Foundations

ANN
EGAL
Til
Se-Expr()

Math and Simulation