

Imaging and Color

Color Science

OpenColorIO
ASWF Adopted

rawtoaces
ASWF Incubation

ACES
COLOUR

Image Formats, I/O, and Processing Libraries

OpenEXR
ASWF Adopted

OpenImageIO
ASWF Incubation

libitmf
OpenCV
Ptex
PySceneDetect
sequencer
three.js

Display and Review

DPEL
ASWF Incubation

OPEN REVIEW INITIATIVE
ASWF Sandbox

tRender

Interactive Compositing and Painting

AUTHORITYFX
Alton
CinePaint
gimp
NATRON
PhotoFlow
trackemup

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

ACADEMY SOFTWARE FOUNDATION
USD Working Group
ASWF Working Group

AUTODESK
MAYA
OpenFlipper
OpenMesh

ALEMBIC
COLLADA
DNEG
MESHROOM
PhysX
USD

Timelines and Animation

OpenTimelineIO
ASWF Incubation

edl
flamethicket
timecode

Pipelines and Frameworks

OPEN ASSETIO
ASWF Sandbox

blender
CGWIRE
gaffer
TACTIC

kdenlive
Olive
openPYPE

Software Foundation and System Administration

rez
ASWF Incubation

AUTHORITYFX
ForestFlow
Luma
PYMEL
pyString
QIPyConvert
Soak Migrations

ASWF Member Company

Premier

General

Associate

Rendering and Queuing

Rendering, Lighting, and Lookdev

MATERIALX
ASWF Incubation

open shading language
ASWF Incubation

Autodesk
Cryptomatte
Intel
Eembree
Moonray
NVIDIA MDL
RenderPass

Queueing and Render Management

OpenCue
ASWF Adopted

CGRU

File Formats and Interchange

OpenVDB
ASWF Adopted

OpenFX
ASWF Incubation

Partio
DNEG

Simulation Math Foundations

ACADEMY SOFTWARE FOUNDATION
Rust Working Group
ASWF Working Group

ANN
CGAL
PIMath
Se-Expr()

Math and Simulation