

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
libitmf
OpenCV
OpenMVG
pfstools
Ptex
PySceneDetect
sequencer
three.js

Display and Review

DPEL
ASWF Incubation

OPEN REVIEW INITIATIVE
ASWF Sandbox

Open RV
tRender

Interactive Compositing and Painting

AUTHORITY X
Alton
CinePaint
gimp
NATRON
PhotoFlow
TrackMania

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 Reticle
OpenFlipper
OpenMesh

ALEMBIC
COLLADA
DNEG
OpenSubdiv
MESHROOM
PhysX
USD

Timelines and Animation

OpenTimelineIO
ASWF Incubation

ed1
Framechain
timecode

Pipelines and Frameworks

OPEN ASSETIO
ASWF Sandbox

blender
CGWIRE
Cortex
Jaffer
kdenlive
Olive
openPYPE
TACTIC

Software Foundation and System Administration

rez
ASWF Incubation

AUTHORITY X
ForestFlow
Lumina
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
EMBREE
MOONRAY
NVIDIA
MDL
Intel
Open Image Denoise
RenderPine

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