

Imaging and Color

Color Science

OpenColorIO
ASWF Adopted

rawtoaces
ASWF Incubation

ACES
ACES
COLOUR

Image Formats, I/O, and Processing Libraries

OpenEXR
ASWF Adopted

OIO
ASWF Incubation

depx
depx

the-otf-project
libitmf
OpenCV
openMVG
pfstools

Ptex
PySceneDetect
sequencer
three.js

Display and Review

DPEL
ASWF Incubation

OPEN REVIEW INITIATIVE
ASWF Sandbox

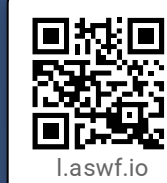
OCV
JERI
mrViewer
tlRender

Interactive Compositing and Painting

AUTHORITYFX
AUTHORITYFX
AUTHORITYFX

Alton
CinePaint
gimp

NATRON
PhotoFlow
trackemato



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

ALEMBC
AliceVision
COLLADA
DNEG

AUTODESK
Maya Reticle
MESHROOM
OpenSubdiv

OpenFlipper
OpenMesh
NVIDIA PhysX
USD

Timelines and Animation

OpenTimelineIO
ASWF Incubation

OP
Renderman

OpenTimelineIO
timecode

Pipelines and Frameworks

OPENASSETIO
ASWF Sandbox

blender
CGWIRE
blender
gaffer

kdenlive
olive
openPYPE
TACTIC

Software Foundation and System Administration

rez
ASWF Incubation

AUTHORITYFX
ForestFlow
rez
PyMEL

py3string
QiPyConvert
Scale 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

unity
weta DIGITAL

General

ANIMALLOGIC
BOSS/ELITE
CANONICAL
CoreWeave
FRANKSTONE
ftrack
hp
MAXON
otoy
Red Hat

RODEO
SideFX
FOUNDRY
WB
Wevr

Associate

blender
etc
movie labs
SMPTE
KHRONOS
VES

Rendering, Lighting, and Lookdev

MATERIALX
ASWF Incubation

open shading language
ASWF Incubation

OpenCue
ASWF Adopted

openseed
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

Field3D
Partio
DNEG

Simulation Math Foundations

ANN
EGAL
PyTorch
Til
PyMath
Se-Expr()

Math and Simulation