

Imaging and Color

Color Science

**OpenColorIO**  
ASWF Adopted

**rawtoaces**  
ASWF Incubation

ACES  
COLOUR  
wetaFX PhysLight

Image Formats, I/O, and Processing Libraries

**OpenEXR**  
ASWF Adopted

**OpenImageIO**  
ASWF Incubation

gating  
FFmpeg  
libitmf  
OpenCV  
OpenAVIC  
pftools  
Ptex  
PySceneDetect  
sequencer  
three.js  
VMAF

Display and Review


**DPXL**  
ASWF Incubation

**OPEN REVIEW INITIATIVE**  
ASWF Sandbox

Open RV  
JERI  
mirv2  
tRender



Interactive Compositing and Painting

AUTHORITYFX  
Aton  
CinePaint  
gimp  
NATRON  
PhotoFlow  
TrackPainters



[l.aswf.io](http://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  
Ranchhand  
Cinema 4D  
timecode

Pipelines and Frameworks

**OPEN ASSETIO**  
ASWF Sandbox

AION  
blender  
cortex  
aaffer  
kdenlive  
Olive  
Google Cloud  
PRISM  
TACTIC  
Walt Disney  
USD Meta Framework

Software Foundation and System Administration

**rez**  
ASWF Incubation

AUTHORITYFX  
ForestFlow  
Luma  
PYTEL  
XPY  
QIPyConvert  
Soak Migrations

ASWF Member Company

**Premier**



**General**



**Associate**



Rendering and Queuing

Rendering, Lighting, and Lookdev

**open shading language**  
ASWF Adopted

**MATERIALX**  
ASWF Incubation

Autodesk  
Cryptomatte  
Intel  
EMBREE  
MOONRAY  
NVIDIA  
MDL  
Intel  
Open Image Denoise  
RenderFlow  
QUILTIX  
StratusFX

Queueing and Render Management

**OpenCue**  
ASWF Adopted

CGRU  
aws  
Open Job Dispatcher

File Formats and Interchange

**OpenVDB**  
ASWF Adopted

**OpenFX**  
ASWF Incubation

Field3D  
OpenVCal  
Partio  
DNEG  
maifx SOP

Math Foundations

**ACADEMY SOFTWARE FOUNDATION Working Group for Rust Bindings**  
ASWF Working Group

ANN  
CGAL  
PILMath  
Se-Expr()

Math and Simulation