

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**  
**OpenMVG**  
**libitmf**  
**OpenCV**  
**PySceneDetect**  
**sequencer**  
**three.js**  
**pfstools**  
**Ptex**  
**THE OPEN PROJECT**  
**OpenRV**

Display and Review

**DPEL**  
ASWF Incubation

**OPEN REVIEW INITIATIVE**  
ASWF Sandbox

**tRender**  
**JERI**  
**Open RV**  
**mv2**

Interactive Compositing and Painting

**AUTHORITY X**  
**Alton**  
**CinePaint**  
**gimp**  
**NATRON**  
**PhotoFlow**  
**trackemato**



[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**  
**OpenFlipper**  
**Myra Reticle**  
**OpenMesh**  
**ALEMBI**  
**COLLADA**  
**MESHROOM**  
**PhysX**  
**USD**  
**AliceVision**  
**DNEG**  
**OpenSubdiv**  
**USD**

Timelines and Animation

**OpenTimelineIO**  
ASWF Incubation

**edl**  
**Timeline**  
**timecode**

Pipelines and Frameworks

**OPEN ASSETIO**  
ASWF Sandbox

**blender**  
**CGWIRE**  
**gaffer**  
**TACTIC**  
**kdenlive**  
**Olive**  
**openPYPE**  
**OpenAssetIO USD Release Framework**

Software Foundation and System Administration

**rez**  
ASWF Incubation

**AUTHORITY X**  
**ForestFlow**  
**PyTREL**  
**pyString**  
**Boat Migrations**

Rendering, Lighting, and Lookdev

**open shading language**  
ASWF Adopted

**MATERIAL X**  
ASWF Incubation

**Autodesk**  
**OpenSubdiv**  
**MOONRAY**  
**NVIDIA MDL**  
**Intel Open Image Denoise**  
**RenderPine**  
**Cryptomatte**  
**Intel Embree**  
**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 Working Group for Rust Bindings**  
ASWF Working Group

**ANN**  
**CGAL**  
**PiMath**  
**Se-Expr()**

Math and Simulation

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

**ANIMALLOGIC**  
**BOULDER LIGHT**  
**Canonical**  
**CoreWeave**  
**FOUNDATIONS**  
**ftrack**  
**hp**  
**MAXON**  
**MOD**  
**otoy**

Associate

**blender**  
**etcc**  
**movie labs**  
**SMPTE**  
**KHRONOS**  
**VES**

Rendering and Queuing