

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**  
**depx**

**THE OFFICE PROJECT**  
**libitmf**  
**OpenCV**  
**openMVG**  
**pfstools**

**Ptex**  
**PySceneDetect**  
**sequencer**  
**three.js**

Display and Review

**DPEL**  
ASWF Incubation

**OPEN REVIEW INITIATIVE**  
ASWF Sandbox

**OCIO**  
**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](http://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**  
**INTEL**  
**PyMEL**

**pySling**  
**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**

**ANIMAL LOGIC**  
**CANONICAL**  
**CoreWeave**  
**FRAMPTON**  
**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

**Autodesk**  
**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**  
**PyMATH**  
**Se-Expr()**

Math and Simulation