

Imaging and Color

Color Science

**OpenColorIO**  
ASWF Adopted

**rawtoaces**  
ASWF Incubation

**ACES**  
**COLOUR**

Image Formats, I/O, and Processing Libraries

**OpenEXR**  
ASWF Adopted

**OpenCV**  
**OIO**

**openMVG** **pfsTools** **Ptex** **PySceneDetect**

**sequencer**

Display and Review

**DPEL**  
ASWF Incubation

**mrViewer** **tlRender**

Interactive Compositing and Painting

**AUTHORITYFX** **AUTHORITYFX** **AUTHORITYFX**

**Aton** **CinePaint** **gimp**

**NATRON** **PhotoFlow** **backgrounds**

*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.*

**ASWF** / ACADEMY SOFTWARE FOUNDATION  
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[l.aswf.io](http://l.aswf.io)

Assets and Workflow

Scenes and Geometry

**ALEMBC** **AliceVision** **COLLADA** **DNEG**

**AUTODESK** **Maya Reticle** **MESHROOM** **OpenSubdiv**

**OpenFlipper** **OpenMesh** **USD**

Timelines and Animation

**OpenTimelineIO**  
ASWF Incubation

**timecode**

Pipelines and Frameworks

**OPENASSETIO**  
ASWF Sandbox

**blender** **CGWIRE** **gaffer** **TACTIC**

**kdenlive** **olive** **openPYPE**

Software Foundation and System Administration

**rez**  
ASWF Incubation

**AUTHORITYFX** **ForestFlow** **PyMEL**

**pySling** **QIPyConvert** **SoDa Migrations**

Rendering and Queuing

Rendering, Lighting, and Lookdev

**MATERIALX**  
ASWF Incubation

**open shading language**  
ASWF Incubation

**OpenCue**  
ASWF Adopted

**Cryptomatte** **intel** **EMBREE** **MOONRAY** **NVIDIA MDL**

**RenderFusion** **CGRU**

Queueing and Render Management

File Formats and Interchange

**OpenVDB**  
ASWF Adopted

**OpenFX**  
ASWF Incubation

**Field3D** **Partio** **DNEG**

Simulation Math Foundations

**ANN** **EGAL** **Til** **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**

**unity** **weta DIGITAL**

**General**

**ANIMALOGIC** **CANONICAL** **ftrack** **hp** **MAXON** **Red Hat** **RODEO** **SideFX** **FOUNDRY**

**Wevr**

**Associate**

**blender** **etc** **movie labs** **SMPTE** **KHRONOS** **VES**