Academy Software Foundation Landscape

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See the interactive landscape at 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.

l.aswf.io

ASWF Landscape

ASWF /* ACADEMY SOFTWARE FOUNDATION

Imaging and Color

Color Science

- OpenColorIO — ASWF Graduated
- ACES
- ColorPipe Tools
- COLOUR
- Open Display Cells

Image Formats, I/O, and Processing Libraries

- OpenEXR — ASWF Graduated
- depix
- FileMeta Checker
- OpenCV
- OIIO
- OpenMVG
- pfstools
- Ptex
- PySceneDetect
- sequencer
- TuttleOFX

Display and Review

- DJV
- Duke
- JERI
- mrViewer

Interactive Compositing and Painting

- AUTHORITYFX AFX Nuke Gizmos
- AUTHORITYFX AFX Nuke Plugins
- AUTHORITYFX AFX Nuke Tools
- Aton
- CinePaint
- gimp
- NATRON
- PhotoFlow
- tracksperanto

Assets and Workflow

Scenes and Geometry

- ALEMBIC
- COLLADA
- DNEG dsPicViewerNode
- AUTODESK D7D
- Maya Reticle
- MESHROOM
- OpenSubdiv
- OpenFlipper
- OpenMesh
- USD

Timelines and Animation

- OpenTimelineIO — ASWF Incubating
- edl
- flamechannel parser
- timecode

Pipelines and Frameworks

- blender
- CGWIRE
- cortex
- gaffer
- TACTIC

Software Foundation and System Administration

- AUTHORITYFX AFX Threads
- ForestFlow
- munki
- PyMEL
- pyString
- QtPyConvert
- Rez
- Scala Migrations

Rendering and Queueing

Rendering, Lighting, and Lookdev

- OSL Open Shading Language — ASWF Incubating
- Cryptomatte
- intel Embree
- MATERIALX
- NVIDIA MDL
- RenderPixie

Queueing and Render Management

- OpenCue — ASWF Incubating
- CGRU
- Puli

Math and Simulation

File Formats and Interchange

- OpenVDB — ASWF Graduated
- Field3D
- FX
- Partio
- DNEG rmanPtc SOP

Simulation

- PHYSBAM

Math Foundations

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

ASWF Member Company

Premier

- AMD
- aws
- ANIMALLOGIC
- AUTODESK
- Blue Sky studios
- CISCO
- DNEG
- DREAMWORKS
- UNREAL ENGINE
- Google Cloud
- intel
- Microsoft
- NETFLIX
- NVIDIA
- imageworks SONY PICTURES
- The Walt Disney Studios
- weta DIGITAL

General

- DOCKYARD
- FOUNDRY
- ftrack
- Red Hat
- RODEO
- SideFX
- WB

Associate

- blender
- movie labs
- VES