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Autodesk® Composite 2011

Release Notes

1. Autodesk® Composite 2011

The following are introduced with Composite 2011.

Vector Paint

- New tool that allows creation of animatable and trackable paint shapes.
- Support for Bézier and freehand shapes.
- Solid color, clone, and reveal paint modes.
- Fully-editable shape compositing order.
- Channel modes: single-channel, RGB, RGBA painting.
- User-extensible brush library.
- Brushes with anti-aliased rendering, animatable profile, with profile editor.
- Animatable per shape control point activation / deactivation.
- Per-shape blend modes for compositing shapes.
- Pressure control for brush size or opacity.
- Per control point pressure editing.
- Per-shape edge gradient for feathering control, with arbitrary number of edge gradient control points.
- Shape duration settings.
- Airbrush support.
- Editing of shape multiple selections.
- Clone / reveal image full transformation, including rotation, shearing, and scaling.
- Six different anti-aliasing filters for clone / reveal images, for control over quality versus performance.
- Clone / reveal preview, direct manipulation.
- Multi-stream (including two-stream stereo) painting, with per-shape stream control.
- Hotkeys: see “Local → Tools → Vector Paint” and “Local → Tools → Shape Editor” folders in Hotkey Editor.

FBX

- Can import camera tracks, locators, lights, cameras through FBX, with much faster speed than Composite 2010 Maya file import.
- Support of FBX 2011 files.

Performance

- Improved interactivity with large compositions.

Miscellaneous

- Connection copying (with ALT-click on edge) in schematic.
- Connection swapping (with ‘s’ key) in schematic, when two edges are selected.
- Cursor zoom in schematic with page up key.
- New composition browser filters, to remove inputs and parameters and only keep nodes.

Fixes

- Better stability when launching background tasks on OS X and Linux.

- 16-bit DPX file reading fixed.
- Separate media caches for 32-bit and 64-bit versions of Composite, on a single machine.
- Ctrl-Click now resets a value editor with an expression.

Composite 2011 no longer supports Maya file import, a feature of Composite 2010 and previous versions. FBX import replaces Maya file import in Composite 2011: FBX import is more fully-featured, is much faster, and is more stable than was Composite 2010 Maya file import. Additionally, it allows Composite 2011 users to import geometry created by any software capable of FBX export.

2. Supported Platforms

- Composite 2011 is available as a 64-bit application on the following Linux distributions:

Red Hat® Enterprise Linux® (5.3 or higher)
Fedora™ 11

- Composite 2011 is available as a 32-bit application on the following Windows operating systems:

Microsoft Windows XP (SP2) (32-bit OS)
Microsoft Windows XP x64 Edition (SP2)

- Composite 2011 is available as a 64-bit application on the following Windows operating systems:

Microsoft Windows XP x64 Edition (SP2)
Microsoft Windows 7

- Composite 2011 is available as a Universal Binary 32 and 64-bit application on the following Mac OS operating system:

Mac OS X (10.6.1 or higher)

Composite 2011 is known to work on other platforms, but these have not necessarily been evaluated by Autodesk.

3. Installing Composite 2011

Composite 2011 is installed through the installation of its host product.

Composite 2011 can be installed concurrently with previous versions of Composite (Autodesk® Toxik™).

4. Licensing Composite 2011

Composite 2011 uses the licensing of its host product: the Composite interactive application will request a license of its host product. Composite 2011 **requires the host product to be installed for licensing to work**. Please refer to the host product installation and licensing documentation for more information.

Note that a machine used only to run Composite background rendering (a Composite “render node”) does not request a license, and therefore does not require a host product installation.

5. Known Limitations

- Composite 2011 is extremely unstable on Windows 32 operating systems when the /3GB boot.ini boot-time configuration switch is added. Please use the standard 2 GB Windows 32 process virtual address space.
- Import project preferences are used by the Composite file browser during file import. If these project preferences are changed, the change will be applied to the next directory browsed on the file system. To apply the changes to the current directory, refresh the browser with the F5 key.

6. Known Bugs

ID	Description	Workaround
sys00308210	Wiretap: Wiretap 2010 client does not work on Windows	Use a Wiretap 2010 client on Linux or Mac OS X.
sys00287559	MAC: Loading an FBX file from the network is 10 times slower on Mac	Copy the file locally before loading it.
sys00309012	Precomp Import Options window pops up behind Toxik UI on Vista	Either start Toxik in windowed mode, or use the Windows Task Manager to access the Pre-compositing Import Options window.
sys00306587	Floating Windows: Cannot drag and drop between windows	Use an in-window floating browser to drag and drop within a single window.