Paste Multiple Keyframes Instructions
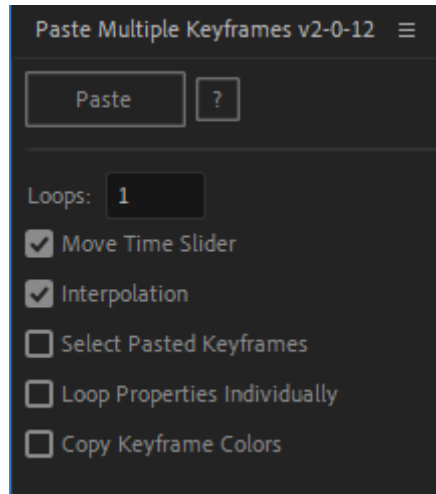
Smart copy and paste keyframes from multiple layers at the same time.

Interface:

Instructional Video:

     http://aescripts.com/paste-multiple-keyframes

To use:

1. Select all the keyframes you want to copy
2. Move your time slider to where you want the first keyframe to be placed
3. Click on Paste

Number of Loops:

     Enter the number of loops you want to paste.

Move Time Slider:

     Set the time slider to the end of the pasted keyframes

Interpolation:

     This is an option useful if you have lots and lots of keyframes (100's or 1000's on an individual layer)

     By unchecking this box, two things will happen when you paste your keyframes

1. The keyframes will paste much, much faster
2. You will **NOT** paste any easing/temporal/spatial properties with your keyframes (This option is mainly for when you have lots of keyframes from tracking, motion capture, etc. and the keyframe interpolation is not necessary)

Select Pasted Keyframes:

    This selects the newly pasted keyframes (only the last set if you are pasting multiple loops)
    IMPORTANT: Having this enabled with drastically slow down the tool if you are pasting lots of keyframes

Loop Properties Individually:

    This will make each property loop based on the length of time its own keyframes encompass

Copy Keyframe Colors:

    Copy/paste keyframe colors
    IMPORTANT: Having this enabled with drastically slow down the tool if you are pasting lots of keyframes

Running without an interface:

    If you have installed the script to run without an interface (such as using it with ft-Toolbar), it will default to copying/pasting all easing/temporal/spatial properties and pasting one loop.

Known issues

- Due to After Effects limitations plugins or effects that have custom values for keyframes are not supported. ex.(Levels - Histogram, Hue/Saturation - Channel Range, etc.)

Revision History

Version 1.0

    Initial Release

Version 1.1

    Added support for ft-toolkit

Version 1.2

    Now copies and pastes keyframe interpolation (spatial and temporal)

Version 1.3

    Work around for scripting language bug getting/setting value for mask shape tangents

Version 1.4

    Wrapped entire script in a function

Version 1.5

    Speed improvements - especially if you have a lot of keyframes on a layer

Version 1.6

    Even more speed improvements! - if your new keyframes are going to be pasted before or after ALL of the pre-existing keyframes on their respective layers

Version 2.0

Added the ability to paste keyframes in loops

Bug fixes:
Copying/pasting temporal auto-bezier keyframes
If a layer has keyframes that are in between the times of another layer's keyframes, copying/pasting keyframe interpolation may not have worked correctly
(ie.   Layer 1 has keyframes at 0 seconds and 5 seconds.
          Layer 2 has keyframes at 2 seconds and 3 seconds
          Layer 2's keyframe interpolation would not always work)
When choosing not to copy interpolation values:
          This did not work when pasting keys before or after ALL pre-existing
          keyframes on their respective layer
          There are significant speed improvements in this case
Having a property selected that had 0 keyframes would stop the script from running

Version 2.0.1

Stopped the license information always alerting the user when the script is run
The help button was not working
Version 2.0.2

Pasting checkbox keyframes did not always work

Version 2.0.3

Compact interface
New settings:
Move Time Slider
          Automatically puts time slider at end of pasted keyframes
Interpolation
          Uncheck this if you do not want to copy/paste interpolation on keyframes
          This will drastically speed up things if you don't care about interpolation
          Ex. Mocap Data

Version 2.0.4

Simplified non-selected keyframes error message
Updated licensing

Version 2.0.5

Simplified non-selected keyframes error message
Updated licensing that will work on macOS 10.15 'Catalina'

Version 2.0.6

Cleaned up help text for CS6 users

Version 2.0.7

Cleaning up interface
Adding option to select newly pasted keyframes (last loop pasted only)

Version 2.0.8

Updated licensing to 3.0.42

Version 2.0.9

Updated licensing to 3.0.43

Version 2.0.10

Updated licensing to 4.0.3

Version 2.0.11

Updated licensing to 4.1

Version 2.0.12

- Fixing a bug where keyframes wouldn't paste when looping more than twice or when they were pasted starting at the same time as an existing keyframe
- Add a checkbox to loop each property based on its own time range
- Add checkbox to copy/paste keyframe colors