Flow

Intuitive controls for animation curves

Interface: Curve Editor

Graph
Click and drag the handles to define the shape of your curve. Anything you make here will directly translate to your animation curve.
　　　　SHIFT snaps to floor or ceiling,
　　　　CTRL locks length,
　　　　ALT locks angle,
　　　　CTRL+SHIFT moves handles symmetrically.

↗ Read from AE
This will analyze your currently selected keys and set the graph to its in/out curves.

Bezier Points
This reflects the location of your two points; if you're familiar with the css transition cubic-bezier() property, these values work exactly the same way and will produce the exact same curve.

You can click here to manually set or copy these values out.

☆ Save to Library
Click here to save the current curve to your User Library for quick use later.

⚲ Apply as Keys
With this enabled, 'APPLY' will change the animation curves on any selected keyframes to your cuve.

A Apply as Expression
A bit more complicated, this mode will add an expression to your selected property, giving you a range mapping control that works the exact same way as linear(), ease(), easeIn() or easeOut().

⇄ Use for Ease Out / In & Out / In
These toggles define whether you want to use your curve for easing into your keys, out of your keys, or both.

APPLY
This makes magic.

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Interface: Library

Double-click library curves to quickly apply them!
Use keyboard shortcuts to manage ease direction:
SHIFT: Ease In
ALT: Ease Out
CTRL: Ease

Default Curves
25 pre-defined, common curves for every day use

User Library
All of your custom or imported curves live here

Reset library
Removes all custom curves from the user library

Export Library
Exports your custom Flow library

Import Library
Imports an exported Flow library

Context menu
Right click in the library to access additional options to:
- Copy values of selected curve
- Rename curve
- Remove curve from library
- Sort library

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Installation

Install Flow with the **aescripts+aeplugins ZXP installer**. Visit the link below to download the latest version:

http://aescripts.com/learn/zxp-installer/

Once downloaded, install this and follow the on-screen instructions to install Flow.

After installation, Flow will appear in AE under **Window > Extensions > Flow**

aescripts + aeplugins

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Changelog

1.0.2 - 2016/09/21 - Fixes bug caused by closing Flow on an empty user library
1.0.1 - 2016/09/20
   - Adds 'cmd' support for everywhere 'ctrl' is used
   - Fixes bug with 'alt' and 'mirror' mode not working together
   - Fixes bug with Bezier Values dropping decimals
   - Fixes bug with 'Read Key' values not saving after graph resize
1.0.0 - 2016/09/19 - Initial release!

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Open-Source Licenses

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Most of Flow's expression functions are based off of Robert Penner's easing equations. These functions are Copyright © 2001 Robert Penner. All rights reserved.

Flow's cubic-bezier expression function is based off of Apple's custom bezier code. This function is Copyright (c) 2006 Apple Computer, Inc. All rights reserved.

These functions are released as open-source under the BSD license, included below.

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