Reverse Text

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Description

Reverses selected Text layers (Supports RTL) or

Paragraphs or flips text layers (Preserving text

animation for older AE versions) in after effects.

0. INSTALL AND OPEN

0.1.A. AE SCRIPTS MANAGER

The easiest way to install our tools is by using our manager app.

https://aescripts.com/learn/aescripts-aeplugins-manager-app/

It can install and license and update all your tools in one click!

0.1.B. MANUAL INSTALLATION

Scripts with dockable/embeddable UI's are installed/extracted

to the "ScriptUI Panels folder" and run from the Window menu in

After Effects.

macOS:

"/Applications/Adobe After Effects (version)/Scripts/ScriptUI Panels/"

Windows:

"C:Program Files/Adobe/Adobe After Effects (version)/Support Files/Scripts/ScriptUI Panels/"

0.2. Open As UI WINDOW

After You have installed the script open After Effects (If you had

AE open while installing, close After Effects and re-open).

TO OPEN User Interface Window ->

The Top Panel of after effects -> Window -> Reverse Text

(Scroll down the list if needed by placing the mouse on its list's

end).

1. GETTINGS STARTED

1.1. Start Adobe After Effects and open the Script panel.

1.2. Open an existing project or create a new project and

Add text layers.

1.3. Select Text layers within your composition to reverse.

2. MOVE SETTINGS BETWEEN AE

VERSIONS

(if you want to move settings between ae versions follow those steps)

2.1. Open script UI.

2.2. Go to settings tab.

2.3. Save Settings.

2.4. Open script UI in other version.

2.5. Go to settings tab.

2.6. Load settings.

3. USER INTERFACE

3.1. "Reverse" Button

Reverses selected Text or Paragraph layers.

 * **Default Hotkey: "Space"**

(UI window Should be selected).

3.2. "RTL Animation" Checkbox

Reverses text layers differently so they can be animated from

right to left.

(Paragraphs are supported).

NOTE: UPDATES POSITION KEYFRAMES

NOTE: UPDATES SCALE KEYFRAMES

NOTE: SUPPORTS MILTIPLE ANIMATORS (WON'T APPLY IF REVERSE TEXT GROUP SCALE X VALUE ISN'T POSITIVE OR NEGATIVE 100 - AS DEFAULT)

* Default Value: **"False"**

* **Default Hotkey**: "R"

(UI window Should be selected).

3.3. Settings Dialog

Opens settings dialog.

(Settings will automatically save when changed).

* **Default Hotkey**: "S"

(UI window Should be selected).

3.3.1. (Set) "Reverse" Button Hotkey

Click the current registered key button (**from the right**) to register a new key.

(UI window Should be selected so the key will be registered).

NOTE: You cannot set a key that is already assigned.

* **Default Hotkey: "Space"**

3.3.2. (Set) "RTL Animation" Button Hotkey

Click the current registered key button (**from the right**) to register a new key.

(UI window Should be selected so the key will be registered).

NOTE: You cannot set a key that is already assigned.

* **Default Hotkey: "R"**

3.3.3. (Set) "Settings" Button Hotkey

Click the current registered key button (**from the right**) to register a new key.

(UI window Should be selected so the key will be registered).

NOTE: You cannot set a key that is already assigned.

* **Default Hotkey: "S"**

3.3.4. (Set) "Information" Button Hotkey

Click the current registered key button (**from the right**) to register a new key.

(UI window Should be selected so the key will be registered).

NOTE: You cannot set a key that is already assigned.

* **Default Hotkey: "I"**

3.3.5. "RESET HOTKEYS AND SETTINGS" Button

Resets RTL Animation, Apply To All Layers - Reverse and RTL Animation, Apply To All Layers - Reverse Differently, RTL Animation Hotkey, Reverse Hotkey, Settings Hotkey, Information Hotkey, Load Settings - Don't Show Again and Reset Settings - Don't Show Again.

NOTE: Settings and Hotkeys Are reset to default values.

3.3.6. "SAVE HOTKEYS AND SETTINGS" Button

Save all settings and hotkeys to a file.

3.3.7. "LOAD HOTKEYS AND SETTINGS" Button

Load settings and hotkeys (by selected groups) from a file.

3.4. "Information" Button

Pops up Information UI.

* **Default Hotkey**: "**i**"

(UI window Should be selected).

4. Features

4.1. RTL Fix Between versions - Suggestion dialog

4.1.1. AE 22.1.xx - 22.5.xx Versions

Due animation isn't really working for those versions, The script prompts to apply a fix.

Text engine is South Asian and Middle Eastern.

Reverses text content and adds RTL Animation.

Text engine is Latin.

Reverses text content.

NOTE: RTL ANIMATION SHOULD BE ON

4.1.2. AE 22.xx.xx Version and below

The text engine is Latin or no text engine available.

Reverses RTL text content differently (leaving numbers, ltr and special characters in place).

NOTE: Script will prompt user for each layer unless "Apply to all Layers" is applied.

4.2. Compact User Interface Panel

UI can be used vertically or horizontally in After Effects, built to save space.

4.3. Settings saved on change

4.3.1. Save Settings on success

Settings will be automatically saved after the field is out of focus.

NOTE: IF YOU SWITCH AFTER EFFECTS VERSION SETTINGS WILL BE LOST, YOU CAN SAVE THEM AND LOAD IN OTHER AE VERSION.

4.3.2. AFTER EFFECTS v12 and above

Settings are saved within the after effects prefs file.

4.3.3. Below AFTER EFFECTS v12

Settings are saved in a file within the data folder in the Folder script was run from.

NOTE: BELOW AE V12 if the settings file is broken or touched manually -> it will rename them with (OLD) tag.

(The script will suggest deleting all of the OLD versions - if you have over 10 files with (OLD) tag).

4.3.4 Save last paths

Load and Save files last location is saved and loaded on After Effects reset.

(NOT available on MAC).

4.4. Action Window pop-ups

To improve responsivity - script pop-ups an informative windows.

4.4.1. Tooltips

Shows full field Description, minimum, maximum, default and rules.

4.4.2. Success

4.4.3. Warning

4.4.4. Error

The window shows where the error appeared. Errors aren't supposed to happen - it's best to report them.

Create a screenshot of a window including the error code and press on the "Report" button to open a ticket.

4.4.5. Confirmation

Script confirms actions for Load and Reset.

4.5. Hotkeys

The script user interface is packed with short keys to boost

your productivity, You can also set them to your liking.

Make sure the script User interface is selected - so that hotkeys

will work.

4.5.1. MAC Keys Support

Differentiates between Mac and Windows keys.

4.6. Pre-load settings and text messages

The script loads all settings and messages to improve

performance and reduces duplicates.

4.7. Loading bar

Shows progress bar for pre-load, save, load, reset and ae

functions.

5. Known Bugs

5.1. Issue: After input value and clicking outside of UI Window
will keep the field hanging - value won't be updated.
Solution: None.

5.2. Issue: When using RTL Animation Widths don't match

which results in a small offset (After Effects changes width).
Solution: None.

5.3. Issue: There is 0.1 pixels progressive offset when text layer's anchorpoint is at left side.
Solution: Use centered anchor point.

5.4. Text Effectors (scale, position and anchor point) **are un-supported on "RTL Animation".**

5.5. Transform Effect (transform, scale and anchor point) **are un-supported on "RTL Animation".**

JSON2 (By Douglas) - https://github.com/douglascrockford/JSON-js
adobe-javascript-http-client (By Buraktamturk) - https://github.com/buraktamturk/adobe-javascript-http-client