

Ticker v1.8.7

By www.KiwiVFX.com

Script Written by KiwiVFX

Copyright © 2022-2024 KiwiVFX.com

All Rights Reserved

Description

Create or use Starter Templates formatted in .CSV/.TSV or .JSON Files to generate pixel-perfect Ticker with title, text and layout customization.

1. INSTALLATION:

1.1 AE SCRIPTS MANAGER

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

<https://aescrpts.com/learn/aescrpts-aepugins-manager-app/>

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

1.2 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/"

2. FORMATTING OF .CSV/.TSV AND .JSON FILES

2.1 Starter Templates Location (Includes RTL Versions)

macOS:

"/Applications/Adobe After Effects (version)/Scripts/ScriptUI Panels/Ticker v1/Samples/"

Windows:

"C:/Program Files/Adobe/Adobe After Effects (version)/Support Files/Scripts/ScriptUI Panels/Ticker v1/Samples/"

2.3 .CSV/.TSV FILES AND THEIR STRUCTURE

2.3.1 Tools

- Google Sheets - www.google.com/sheets
- Microsoft Excel Online - <https://www.office.com/launch/excel>
- Microsoft Excel Windows - <https://www.microsoft.com/en-us/microsoft-365/excel>

2.4.2 .CSV/.TSV Structure - How to use

Place your text ONLY within the first column, we are reading it from top to bottom. Everything else will be ignored. There is no how many segments / lines you want.

Example:

|Segment 1 |
|Segment 2|

```
|Segment 3|
|...      |
|...      |
```

2.4.3 .ADD TITLE

You can split content with the #SPLIT tag.
(Only 1 split is used - Title and Content).

Example:

```
|Title:#SPLITSegment 1 |
|Segment 2|
|Segment 3|
|...      |
|...      |
```

2.5 .JSON FILES AND THEIR STRUCTURE

2.5.1 Tools

- Visual Studio Code - <https://code.visualstudio.com/>
- Notepad++ - <https://notepad-plus-plus.org/>

(There are probably tons of other options, as long as you can manage Your .json Files).

2.5.3 .JSON Structure - How to use

Place your text within Array, Inside "" and separated with commas

**NOTE: IF you want to use " within string please use \ before: EX:
\"test\"**

NOTE: IF you want to use \ within string please use \\ before: EX:

Something \\ Something

Example:

```
[  
  "Segment 1",  
  "Segment 2",  
  "Segment 3",  
  ...  
]
```

2.6 Add Title

You can split content with the **#SPLIT** tag.
(Only 1 split is used - Title and Content).

Example:

```
[  
  "Segment 1",  
  "title#SPLITcontent content content",  
  "Analogy to Something#SPLITSome content and some  
more",  
  ...  
]
```

NOTE: NO SPACING BETWEEN TITLE AND CONTENT.

NOTE: "**#SPLIT**" SHOULD BE IN CAPS, ELSE IT WILL IGNORE IT (script recognizes it as normal text - it should match perfectly to happen - it's done this way to minify un-necessary splits!).

NOTE: YOU CAN SPLIT ONLY ONCE - ALL OTHER SPLITS WILL BE IGNORED

2.7 Fonts Installation

After running UI Script for first time it will create "ticker fonts.txt" file.

macOS:

"/Applications/Adobe After Effects (version)/Scripts/ScriptUI Panels/ticker fonts.txt"

Windows:

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

(You can add more fonts following commas.)

Example:

"Arial,Calibri,Helvetica,Cambria,Garamond,Didot,Georgia,Your Font"

*** MAKE SURE YOU RUN AFTER EFFECTS AS ADMINISTRATOR!**

*** FONT NAMES ARE CASE-SENSITIVE.**

*** INSTALLING FONTS ON YOUR OPERATING SYSTEM IS ON YOU.**

2.8 Supports .txt files.

Handles .txt files (each line as segment).

3. SCRIPT IN AFTER EFFECTS

3.1 Open As UI WINDOW

After You have installed the script open After Effects, If you had it open while installing, close it and re-open.

(At Top Panel of after-effects)

Window -> Ticker

(Scroll down the list if needed by placing the mouse on its end).

3.2 UI

3.2.1 Select File - Browse Content File

Select the file from your pc or mac.

(Supports ".CSV" / ".TSV" And ".JSON" Formats)

* Hotkey: "i"

3.2.2 TABS

3.2.2.1 Main Tab

* Hotkey: "a"

3.2.2.1.1 Animation

3.2.2.1.1.1 "Fade Between"

Animates opacity to mix / fade / dissolve between Segments / Lines.

Effect duration is controlled by Animation Speed.

3.2.2.1.1.2 "From Top to Bottom"

Animates Position to move text from top to bottom.

Tip: Effect duration is controlled by Tick Time.

Tip: Use "Force Motion Blur" checkbox to improve Animation
(Render times will jump up dramatically).

3.2.2.1.1.3 "From Bottom to Top"

Animates Position to move text from bottom to top.

Tip: Effect duration is controlled by Tick Time.

Tip: Use "Force Motion Blur" checkbox to improve Animation
(Render times will jump up dramatically).

3.2.2.1.1.4 "Crawl From Left to Right" (USE FOR RTL)

Animates Position to move text from Left to Right.

Tip: Effect duration is controlled by Total Time.

Tip: Tick time 10+ for each line is recommended.

3.2.2.1.1.5 "Crawl From Right to Left"

Animates Position to move text from Right to Left.

Tip: Effect duration is controlled by Total Time.

Tip: Tick time 10+ for each line is recommended.

3.2.2.1.2 Animation Speed

Controls Animation Speed between segments.

3.2.2.1.3 Alignment (NOT AVAILABLE IN CRAWLS)

3.2.2.1.3.1 "Left"

Aligns text to the left side of the Composition.

3.2.2.1.3.2 "Center"

Aligns text to the center of the Composition.

3.2.2.1.3.3 "Right" (USE FOR RTL)

Aligns text to the right side of the Composition.

3.2.2.1.4 Tick Time (NOT AVAILABLE IN CRAWLS)

Segment / line Duration in seconds.

3.2.2.1.5 Total Crawl Time (AVAILABLE IN CRAWLS)

Total duration in second for the whole crawl.

NOTE: Suggested value is 10 per each segment \ line

3.2.2.1.6 Spacing

Spacing is added to the start, between titles, between separators and between text segments.

3.2.2.1.6.1 Auto Spacing

The script generates layers and measures the font's space between words.

3.2.2.1.6.2 Round Spacing

Rounds **Auto Spacing** value.

3.2.2.1.6.3 Manual Spacing

Manual space between layers in pixels.

3.2.2.1.7 Animation Overlapping (AVAILABLE FROM BOTTOM TO TOP AND TOP TO BOTTOM)

Overlaps animation Speed between layers resulting in overlapping animation.

3.2.2.1.8 Separator (AVAILABLE IN CRAWLS)

Insert a variety of separators between segments / lines

Ex. | or / or \ or || or - or — or · or • or ● or ▪ or ■ or ► or ◀
or › or ‹ or > or < or ÷ or ; or | or ← or →

*** MAKE SURE YOU USE CHARACTERS SUPPORTED BY FONT**

3.2.2.1.9 Add Separator to the end (AVAILABLE IN CRAWLS)

Adds separator to the end of the crawl

3.2.2.1.10 Crawl Looping (ONLY FOR CRAWLS**)**

Creates crawl loop composition which could be tweaked and stretched to the desired duration.

3.2.2.2 Text Tab

* Hotkey: "S"

3.2.2.2.1 Font

Select a font from the working fonts list.

3.2.2.2.2 Font Size

Text Font size in pixels.

*** MAKE SURE YOU SET TICKER HEIGHT TWICE FONT SIZE OR VISE VERSA!**

3.2.2.2.3 Title Color

Colors only titles with selected color.

NOTE: Click on the Color block to open the color picker.

3.2.2.2.4 Text Color

Colors only text with the selected color.

NOTE: Click on the Color block to open the color picker.

3.2.2.2.5 Separator Color (AVAILABLE IN CRAWLS)

Colors only separators with the selected color.

NOTE: Click on the Color block to open the color picker.

3.2.2.2.6 Drop Shadow

Activates Drop Shadow effect for text.

3.2.2.2.9 Bold Text

Makes all text bold (Includes Titles, text and separators).

*** (MAKE SURE YOUR FONT HAS BOLD!)**

3.2.2.2.10 Bold Titles (Available only when bold text is off)

Makes all titles bold.

*** (MAKE SURE YOUR FONT HAS BOLD!)**

3.2.2.2.11 Bold Separators (Available only when bold text is off)

Makes all separators bold.

*** (MAKE SURE YOUR FONT HAS BOLD!)**

3.2.2.3 Layout Tab

* Hotkey: "d"

3.2.2.3.1 Ticker Width

The script will automatically create a composition After you hit "Build" button using this Ticker Width.

3.2.2.3.2 Ticker Height

The script will automatically create a composition After you hit "Build" button using this Composition Height.

*** MAKE SURE YOU SET TICKER HEIGHT TWICE FONT SIZE**

3.2.2.3.3 FPS

Frames per second of ticker composition.

3.2.2.3.4 Add Background?

Adds Solid Background based on ticker width and height.

3.2.2.3.5 Text Background Color

Select the desired color for the text background.

NOTE: Click on the Color block to open the color picker.

3.2.2.4 Settings Tab

* Hotkey: "f"

3.2.2.4.1 Save Settings

Saves Your DEFAULT settings.

(To reset saved settings -> "Settings" Tab -> Click "X" beside "default" preset name Button).

*** MAKE SURE YOU RUN AFTER EFFECTS AS ADMINISTRATOR!**

3.2.2.4.2 Save As Settings

Saves Your current settings to a file on your computer.

(To reset saved settings -> "Settings" Tab -> Click "X" beside "default" preset name Button).

*** MAKE SURE YOU RUN AFTER EFFECTS AS ADMINISTRATOR!**

3.2.2.4.3 Load Settings

Loads Your settings created with Ticker from other pc or mac.

(You can load your settings as default and they will be loaded each time automatically).

(To reset saved settings -> "Settings" Tab -> Click "X" beside "default" preset name Button).

3.2.2.4.4 Composition Blur

Activates composition Blur for Composition and all layers.

3.2.2.4.5 Force Motion Blur Effect

Adds After Effects Force Motion Blur Effect.

3.2.2.4.6 RTL Numbers And Special Characters Fix (Works only on RTL Languages)

Checks for RTL Languages, special characters and Calculates missing numbers width automaticly, (which doesn't appear within bounding boxes.

*Works for earlier versions than 23.1

3.2.2.4.7 Sort Compositions

If you are working with multiple compositions - this option will sort your compositions making active "Ticker Comp"s compositions be renumbered and placed within the "Previous Ticker Versions" folder (For Crawls).

NOTE: The more compositions there are in the project window the busier it will get to sort - try to keep compositions at minimum.

3.2.2.4.8 Parabolic Animation (NOT AVAILABLE IN CRAWLS)

Add Parabolic Keyframes Easing animation.

4. Features

4.1 Duration Dialog

Asks you for loop duration of crawl composition (will remember your value).

4.2 Prompt save dialog if settings were changed

If settings do not match to default saved settings - on clicking build will ask to save new settings and update default saved settings.

("Don't show again" checkbox enabled - Will disable all confirmation dialogs).

4.3 Prompt confirm deleting default preset

When deleting default preset - feature prompts with "Are You sure You want to Delete" Dialog.

("Don't show again" checkbox enabled - Will disable all confirmation dialogs).

4.4 Automatic rows and columns clean up for CSV Files

The script will run through the content of each row and will delete all commas. If row is empty it will delete it.

4.5 RTL PLACEHOLDERS - TITLE AND SEGMENT

If RTL text found flips between title and segment.

4.6 RTL Special Characters and Numbers Support (AE 23.1 AND

BELOW BUG FIX)

The script will check when numbers start filling the missing layer width and adjusting the anchor point accordingly, handles numbers mixed with special characters.

4.7 RTL Text reverser (AE 22 and below)

If you are using older versions of AE - RTL is supported poorly or not supported at all. Script checks your text unicode, checks your version of After Effects and Reverses text.

4.8 Migrate Settings

Please migrate to new settings as they are suggested. Script makes sure all settings (default and loaded files) are up to date and there are no missing values.

JSON2 (By Douglas)

<https://github.com/douglascrockford/JSON-js>

AdobeColorPicker (By smallpath and Zack Lovatt)

<https://github.com/smallpath/adobe-color-picker>

