

# Credits Roller V1.2.1

By [www.KiwiVFX.com](http://www.KiwiVFX.com)

Script Written by KiwiVFX

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JSON2 (By Douglas)

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

## Description

Create or use Starter Templates formatted in .CSV/.TSV or .JSON Files to generate credits roller with 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**

**macOS:**

**"/Applications/Adobe After Effects (version)/Scripts/ScriptUI Panels/Credits Roller v1/Samples/"**

**Windows:**

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

### **2.2 Right to Left Formating Location**

**macOS:**

**"/Applications/Adobe After Effects (version)/Scripts/ScriptUI Panels/Credits Roller v1/Samples/"**

**Windows:**

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

## **2.3 .CSV/.TSV FILES AND THEIR STRUCTURE**

### **2.3.1 Tools**

- Google Sheets - [www.google.com/sheets](http://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

Each column stands for a page, each page will have 22 or 42 fields.

### 2.4.2.1 Label

Label for the column group. Should be left empty if not used.

```
We are Here--> 1 | Page 1| Page 2| Page 3| ...
                2 |-----|-----|-----|...
                3 |-----|-----|-----|...
                4 |-----|-----|-----|...
```

### 2.4.2.2 Time

Responsible for Page Duration Number in Seconds.

```
                1 | Page 1|...
We are Here--> 2 |5      |...
                3 |-----|...
                4 |-----|...
```

### 2.4.2.3 Align Types

#### 2.4.2.3.1 "center-ltr" & "center-rtl"

Align all columns to the center.

**Tip:** If you fill only 1 column with titles and names it will be centered.  
2 and 3 as well.

**Left To Right example:**

```
                1 | Page 1  |...
                2 |-----|...
We are Here--> 3 |center-ltr|...
                4 |-----|...
```

**Right to Left example:**

```

1 | Page 1 |...
2 |-----|...
We are Here--> 3 |center-rtl |...
4 |-----|...

```

#### 2.4.2.3.2 "title-above-ltr" & "title-above-rtl"

Aligns text to the left or right and adds title above the first column.

**Left To Right example:**

```

1 | Page 1 |...
2 |-----|...
We are Here--> 3 |title-above-ltr |...
4 |-----|...

```

**Right to Left example:**

```

1 | Page 1 |...
2 |-----|...
We are Here--> 3 |title-above-rtl |...
4 |-----|...

```

#### 2.4.2.3.3 "ltr" & "rtl"

Aligns Text to the left or right.

**Left To Right example:**

```

1 | Page 1 |...
2 |-----|...
We are Here--> 3 |ltr |...
4 |-----|...

```

**Right to Left example:**

```

1 | Page 1 |...
2 |-----|...

```

**We are Here-->** 3 |rtl |...  
 4 |-----|...

#### 2.4.2.3.4 "center-between-ltr" & "center-between-rtl"

Aligns text to the center of the column within its center.

**Tip:** If you fill only 1 column with titles and names it will be centered.  
 2 and 3 as well.

**Left To Right example:**

1 | Page 1 |...  
 2 |-----|...  
**We are Here-->** 3 |center-between-ltr |...  
 4 |-----|...

**Right to Left example(Order Changes):**

1 | Page 1 |...  
 2 |-----|...  
**We are Here-->** 3 |center-between-rtl |...  
 4 |-----|...

#### 2.4.2.4 Header

Text Field Placeholder For Title Above.

(make sure you set align to - "align": "title-above-ltr" // or  
 "title-above-rtl" or "ltr" or "rtl" and turn on Title Above Checkbox to  
 make it work!)

**Example:**

1 | Page 1 |...  
 2 |-----|...  
**Turn on here-->** 3 |title-above-ltr |...  
**We are Here-->** 4 |My Custom Title |...

### 2.4.2.5 Header Size

Size of Text Field Placeholder For Title Above.

(Related to Header)

**Example:**

```
1 | Page 1 |...
2 |-----|...
Turn on here--> 3 |title-above-ltr |...
Fill in here--> 4 |My Custom Title |...
We are Here--> 5 |40 |...
```

### 2.4.2.6 Header Bold

Bold Text Field Placeholder For Title Above.

(Related to Header)

**Example:**

```
1 | Page 1 |...
2 |-----|...
Turn on here--> 3 |title-above-ltr |...
Fill in here--> 4 |My Custom Title |...
Text size here--> 5 |40 |...
We are Here--> 6 |true |...
```

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

### 2.4.2.7 Groups

#### 2.4.2.7.1 Which for What Layout

Later on, We will open Credits Roller in After effects which has Layouts that will help us to understand which type of roller we want to build.

(IF YOU ARE NOT USING "FULL PAGE" Layout-covers all the screen, delete all other columns and work on the first 4(16 names)).

**"Lower Third" and "Scroll" example:**

	1   Page 1	...
	...	...
	6  -----	...
Column 1 is Here-->	7  Your Title1:someone1	...
Column 1 is Here-->	8  Your Title2:someone2	...
Column 1 is Here-->	9  Your Title3:someone3	...
Column 1 is Here-->	10  Your Title4:someone4	...
Column 2 is Here-->	11  Your Title5:someone5	...
Column 2 is Here-->	12  Your Title6:someone6	...
Column 2 is Here-->	13  Your Title7:someone7	...
Column 2 is Here-->	14  Your Title8:someone8	...
Column 3 is Here-->	15  Your Title9:someone9	...
Column 3 is Here-->	16  Your Title10:someone10	...
Column 3 is Here-->	17  Your Title11:someone11	...
Column 3 is Here-->	18  Your Title12:someone12	...
Column 4 is Here-->	19  Your Title13:someone13	...
Column 4 is Here-->	20  Your Title14:someone14	...
Column 4 is Here-->	21  Your Title15:someone15	...
Column 4 is Here-->	22  Your Title16:someone16	...

**"Full Page" example:**

	1   Page 1	...
	...	...
	6  -----	...
Column 1 is Here-->	7  Your Title1:someone1	...
Column 1 is Here-->	8  Your Title2:someone2	...
Column 1 is Here-->	9  Your Title3:someone3	...
Column 1 is Here-->	10  Your Title4:someone4	...
Column 2 is Here-->	11  Your Title5:someone5	...

Column 2 is Here--> 12 |Your Title6:someone6 |...  
 Column 2 is Here--> 13 |Your Title7:someone7 |...  
 Column 2 is Here--> 14 |Your Title8:someone8 |...  
 Column 3 is Here--> 15 |Your Title9:someone9 |...  
 Column 3 is Here--> 16 |Your Title10:someone10 |...  
 Column 3 is Here--> 17 |Your Title11:someone11 |...  
 Column 3 is Here--> 18 |Your Title12:someone12 |...  
 Column 4 is Here--> 19 |Your Title13:someone13 |...  
 Column 4 is Here--> 20 |Your Title14:someone14 |...  
 Column 4 is Here--> 21 |Your Title15:someone15 |...  
 Column 4 is Here--> 22 |Your Title16:someone16 |...  
 Column 5 is Here--> 23 |Your Title17:someone17 |...  
 Column 5 is Here--> 24 |Your Title18:someone18 |...  
 Column 5 is Here--> 25 |Your Title19:someone19 |...  
 Column 5 is Here--> 26 |Your Title20:someone20 |...  
 Column 6 is Here--> 27 |Your Title21:someone21 |...  
 Column 6 is Here--> 28 |Your Title22:someone22 |...  
 Column 6 is Here--> 29 |Your Title23:someone23 |...  
 Column 6 is Here--> 30 |Your Title24:someone24 |...  
 Column 7 is Here--> 31 |Your Title25:someone25 |...  
 Column 7 is Here--> 32 |Your Title26:someone26 |...  
 Column 7 is Here--> 33 |Your Title27:someone27 |...  
 Column 7 is Here--> 34 |Your Title28:someone28 |...  
 Column 8 is Here--> 35 |Your Title29:someone29 |...  
 Column 8 is Here--> 36 |Your Title30:someone30 |...  
 Column 8 is Here--> 37 |Your Title31:someone31 |...  
 Column 8 is Here--> 38 |Your Title32:someone32 |...  
 Column 9 is Here--> 39 |Your Title33:someone33 |...  
 Column 9 is Here--> 40 |Your Title34:someone34 |...  
 Column 9 is Here--> 41 |Your Title35:someone35 |...  
 Column 9 is Here--> 42 |Your Title36:someone36 |...

#### 2.4.2.7.2 Title



Title of Person.

(Related to Groups).

(If You selected in 2.4.2.2.2 align the type of "title-above-ltr" or "center-ltr" or rtl versions - ONLY FIRST TITLE WILL BE VISIBLE).

**!!!TITLE AND NAME SEPARATION ARE BASED ON ":"**

**Example:**

```
1 | Page 1 |...
  | ...    |...
6 |-----|...
We are Here--> 7 |Your Title1:someone1 |...
  | ...    |...
```

## 2.4.2.7.2 Name

Name of Person.

(Related to Groups)

**Example:**

```
1 | Page 1 |...
  | ...    |...
6 |-----|...
We are Here--> 7 |Your Title1:someone1 |...
```

## 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).

## 2.5.2 .JSON Structure

### 2.5.2.1 Time

Responsible for Page Duration in Seconds.

**Example:**

```
"[  
  {  
    "time": 2, //Page Duration Will be 2 Seconds  
    ...  
    ...  
    ...  
  }  
]"
```

### 2.5.2.2 Align Types

#### 2.5.2.2.1 "center-ltr" & "center-rtl"

Align all columns to the center.

**Tip:** If you fill only 1 column with titles and names it will be centered.  
2 and 3 as well.

**Left To Right example:**

```
"[  
  {  
    ...  
    "align": "center-ltr", //Will Align All Columns to the center  
    ...  
    ...  
    ...  
  }  
]"
```

```
}  
]"
```

**Right to Left example:**

```
"[  
{  
...  
  "align": "center-rtl", //Will Align All Columns to the center  
...  
...  
...  
}  
]"
```

#### **2.5.2.2.2 "title-above-ltr" & "title-above-rtl"**

Aligns text to the left or right and adds title above the first column.

**Left To Right example:**

```
"[  
{  
...  
  "align": "title-above-ltr", //Will Align All Columns to the left  
and add title above first column  
...  
...  
...  
}  
]"
```

**Right to Left example:**

```
"[  
{  
...
```

**"align": "title-above-rtl", //Will Align All Columns to the right  
and add a title above the first column**

```
...  
...  
...  
}  
]"
```

#### **2.5.2.2.3 "ltr" & "rtl"**

Aligns Text to the left or right.

**Left To Right example:**

```
"[  
{  
...  
"align": "ltr", //Will Align All Columns to the left  
...  
...  
...  
}  
]"
```

**Right to Left example:**

```
"[  
{  
...  
"align": "rtl", //Will Align All Elements to the right  
...  
...  
...  
}  
]"
```

#### 2.5.2.2.4 "center-between-ltr" & "center-between-rtl"

Aligns text to the center of the column within its center.

**Tip:** If you fill only 1 column with titles and names it will be centered.  
2 and 3 as well.

**Left To Right example:**

```
"[
{
...
  "align": "center-between-ltr", //Will Align All columns to the
center of the column with its center
...
...
...
}
]"
```

**Right to Left example(Order Changes):**

```
"[
{
...
  "align": "center-between-rtl", //Will Align All columns to the
center of column with its center
...
...
...
}
]"
```

#### 2.5.2.3 Header

Text Field Placeholder For Title Above.

(make sure you set align to - "align": "title-above-ltr" // or "title-above.rtl" or "ltr" or "rtl" and turn on Title Above Checkbox to make it work!)

**Example:**

```
"[
  {
    ...
    "align": "title-above-ltr",
    "header": "My Custom Title", // Needs to Have title above
turned on to work
    ...
    ...
    ...
  }
]"
```

### 2.5.2.3 Header Size

Size of Text Field Placeholder For Title Above.

(Related to Header)

**Example:**

```
"[
  {
    ...
    "align": "title-above-ltr",
    "header": "My Custom Title",
    "headerSize": 40, // default works best,
                      // you can increase max. to 50
    ...
    ...
  }
]"
```

```
}  
]"
```

### 2.5.2.3 Header Bold

Bold Text Field Placeholder For Title Above.

(Related to Header)

**Example:**

```
"[  
  {  
    ...  
    "align": "title-above-ltr",  
    "header": "My Custom Title",  
    "headerSize": 40,  
    "headerBold": true,      // Bold Title Above  
    ...  
    ...  
  }  
]"
```

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

### 2.5.2.4 Groups

#### 2.5.2.4.1 Which for What Layout

Later on, We will open Credits Roller in After effects which has Layouts that will help us to understand which type of roller we want to build.

(IF YOU ARE NOT USING "FULL PAGE" Layout-covers all the screen, delete all other groups and work on the first 4).

**"Lower Third" and "Scroll" example:**

```
"[
  {
    ...
    ...
    "group1": [{...<4 COLUMNS HERE>...}],
    "group2": [{...<4 COLUMNS HERE>...}],
    "group3": [{...<4 COLUMNS HERE>...}],
    "group4": [{...<4 COLUMNS HERE>...}],
  }
]"
```

"Full Page" example:

```
"[
  {
    ...
    ...
    "group1": [{...<4 COLUMNS HERE>...}],
    "group2": [{...<4 COLUMNS HERE>...}],
    "group3": [{...<4 COLUMNS HERE>...}],
    "group4": [{...<4 COLUMNS HERE>...}],
    "group5": [{...<4 COLUMNS HERE>...}],
    "group6": [{...<4 COLUMNS HERE>...}],
    "group7": [{...<4 COLUMNS HERE>...}],
    "group8": [{...<4 COLUMNS HERE>...}],
    "group9": [{...<4 COLUMNS HERE>...}],
  }
]"
```

#### 2.5.2.4.2 Title

Title of Person.

(Related to Groups).

(If You selected in 2.5.2.2.2 align the type of "title-above-ltr" or



"center-ltr" or rtl versions - ONLY FIRST TITLE WILL BE VISIBLE).

**Example:**

```
"[
  {
    ...
    ...
    "group1": [
      {
        "title": "Column1",
        ...
      },
      {
        "title": "Column1",
        ...
      },
      {
        "title": "Column1",
        ...
      },
      {
        "title": "Column1",
        ...
      }
    ],
    "group2": [{...<4 COLUMNS HERE>...}],
    "group3": [{...<4 COLUMNS HERE>...}],
    "group4": [{...<4 COLUMNS HERE>...}],
    ...(FOR "FULL PAGE")
  }
]"
```

## 2.5.2.4.2 Value

Name of Person.

(Related to Groups)

**Example:**

```
"[
  {
    ...
    ...
    "group1": [
      {
        ...
        "value": "name1",
      },
      {
        ...
        "value": "name2",
      },
      {
        ...
        "value": "name3",
      },
      {
        ...
        "value": "name4",
      }
    ],
    "group2": [{...<4 COLUMNS HERE>...}],
    "group3": [{...<4 COLUMNS HERE>...}],
    "group4": [{...<4 COLUMNS HERE>...}],
    ...(FOR "FULL PAGE" WITH 9 GROUPS)
  }
]
```

]"

## 2.6 Fonts Installation

After running UI Script for the first time it will create credits roller fonts.txt file.

**macOS:**

**"/Applications/Adobe After Effects (version)/Scripts/ScriptUI Panels/credits roller fonts.txt"**

**Windows:**

**"C:/Program Files/Adobe/Adobe After Effects (version)/Support Files/Scripts/ScriptUI Panels/credits roller 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 IS ON YOU.**

## 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 -> Credits Roller v1**

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

## **3.2 UI**

### **3.2.1 TABS**

#### **3.2.1.1 MAIN**

\* Hotkey: "a"

##### **3.2.1.1.1 Select File - Browse Content File**

Select the file from your pc or mac.

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

\* Hotkey: "i"

##### **3.2.1.1.2 Main Settings**

###### **3.2.1.1.2.1 Font**

Select font from the working fonts list.

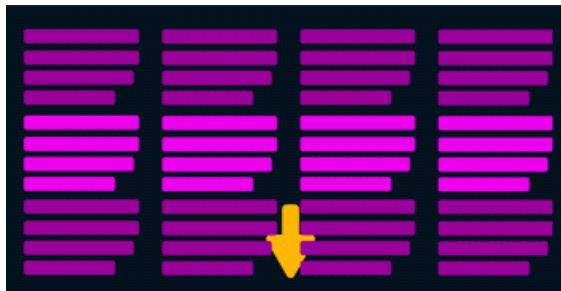
###### **3.2.1.1.2.2 Layout**

Select the desired layout from the Dropdown list.

**"Lower Third" Example(4 groups):**



**"Scroll" Example(Uses 4 groups):**



**"Full Page" Example(Uses 9 groups):**



### 3.2.1.1.2.3 FPS

The script will automatically create a composition using this Defined Frames per second.

#### 3.2.1.1.2.4 Composition Width

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



#### 3.2.1.1.2.5 Composition Height

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



#### 3.2.1.1.2.5 Title Above Names

Activates Title Above Names.

(Makes it possible to use on ltr, title-above-ltr and rtl versions as well).

#### 3.2.1.1.2.5 Bold Names

Activates Bold Names.

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

#### 3.2.1.1.2.5 Drop Shadow

Activates Drop Shadow effect for text.

### **3.2.1.2 Advanced Settings**

\* Hotkey: "S"

#### **3.2.1.2.1 Save Settings**

Saves Your DEFAULT settings.

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

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

#### **3.2.1.2.2 Save As Settings**

Saves Your current settings to a file.

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

#### **3.2.1.2.3 Load Settings**

Loads Your settings created with Credits Roller from pc or mac.

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

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

#### **3.2.1.2.4 Advanced Settings**

##### **3.2.1.2.4.1 Font Size**

Font size for the script to use.

(Default: 28-35 is great but mind adjusting Space Between!)

#### **3.2.1.2.4.2 Text Color**

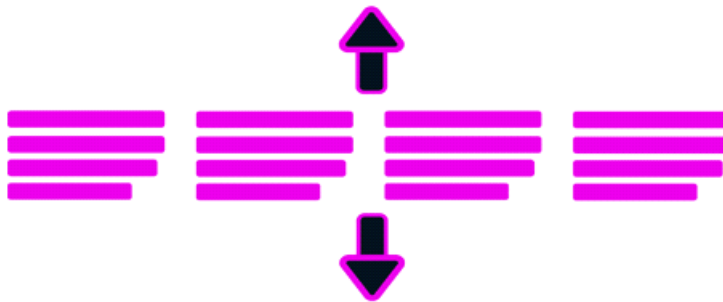
Click on the color block to pick a color.

#### **3.2.1.2.4.3 Global Position**

The script will automatically create a composition After you hit the "Build"

button using this Global Position.

(Can be used to offset on Y).

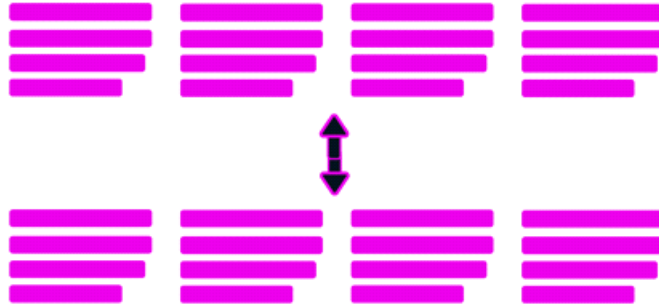


#### **3.2.1.2.4.3 Space Between Rows - "Scroll Layout"**

Spacing Between Columns in Height.

(Being used ONLY on "Scroll" layout).





### 3.2.1.2.4 Intermediate

#### 3.2.1.2.4.1 Offset X

Offset all columns in X.



#### 3.2.1.2.4.2 All Layers Width

All Text layers will be created upon "Build" with this width.



#### 3.2.1.2.4.3 Horizontal Space - Title and Name

Horizontal Space Between Title and Name.



### 3.2.1.2.4.3 Vertical Space - Title and Name

Vertical Space Between Title and Name.



### 3.2.1.3 MORE...TAB

\* Hotkey: "d"

#### 3.2.1.3.1 More Settings

##### 3.2.1.3.1.1 Add Separator

Adds : separator after title on "ltr" / "title-above-ltr" / "rtl" / "title-above-rtl"

##### 3.2.1.3.2 Fade Settings

###### 3.2.1.3.2.1 Fade First page

Mixes/Fades/Dissolves In First page in .json File.  
(Controlled by "Fade In Value").

###### 3.2.1.3.2.2 Fade Between Pages

Mixes/Fades/Dissolves Between Pages.  
(Controlled by "Fade In Value" and "Fade Out Value").

### **3.2.1.3.2.3 Fade In Value**

How fast to Mix/Fade/Dissolve in..in seconds.

### **3.2.1.3.2.4 Fade Out Value**

How fast to Mix/Fade/Dissolve out..in seconds.

### **3.2.1.3.2.5 Motion Blur**

Adds "Force Motion Blur" Effect.

### **3.2.1.3.2.6 Motion Blur Value**

Amount of copies for "Force Motion Blur" Effect.

### **3.2.1.3.3 Channel Presets**

Some ready-to-use layout presets for Israeli channels.

## **5. Features**

### **5.1 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).

### **5.2 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).