bodymovin

After Effects plugin for exporting animations to svg/canvas/html + js or natively on Android and iOS through Lottie (https://n

- Extract content and search for the .zxp file from 'fbuild/extension'
 Use the ZXP installer fittp://sescripts.com/leam/zxp-installer/) from sescripts.com

V 5.6.10

- FIX: default loop to true
 FIX: removing san-serif and monospace from font preloader to calculate correctly when font is in
 FIX: improved image caching when preloading say image tags
 updated definitions

V 5.6.9

- fix compression options
 initialization improvement

V 5.6.8

- not using non breaking spaces for text spaces
 added support for exporting video layers (only export, players don't support them)
 fix for path properties open without nodes

V 5.6.7

- use original comp name as export name
 added default filter values for banner template
 added option to load local file as lottie player
 initialSegment set before animation configurations.

V 5.6.6

- reading file extension correctly when copying original assets
 fixed inlined jon objects with carriage returns
 added loop support for banners
 exporting adjustment layers as null layers
 added choek book to select comp names as default
 added checkook to select comp names as default
 added the size configuration and defaulting to 100%
 Add misring amination event name definitions

V 5.6.5

- added initial Segment property
 fix for zip file without root folder
 support for including json in banner html template
 Export "blur" text animator property

V 5.6.4

- added support for using original images as assets
 Improved log error fix
 Fixed missing assets during export

- Fix saving json files with special characters
 Improved lottie import

V 5.6.2

- Fix lottle importer gradient data without keyframes
 Added hidden layers and hidden properties support for importer
 Improved error messaging
 Added assetSPath configuration for typescript
 fixed mangled lottle declaration

V 5.6.1

. Fix on the exporter for older AE versions when a new project didn't have a saved destination yet

V 5.6.0

Lottie + Bodymovin

Lottie is the native engine that Airbnb's awesome team built. It uses B Follow these links to get each player:

- Android's player (https://github.com/airbnb/lottie-android)
 IOS's player (https://github.com/airbnb/lottie-ios)
 React Native's wrapper (https://github.com/airbnb/lottie-react-native)

Lottie and AVD

Some animations can be exported for Android using the AVD format. It can fit for some case where you'll gain a performance improvement. But Lottle brings much more features, a level of animation control and dynamic loading that couldn't be achieved with avd. Here's a <u>link http://bidob.io/lottle/lottle-avd.html</u> with a full comparison of both technologies.

HTML player installation

with npm npm install lottie-web # with bower bower install bodymovin

Or you can use the script file from here:
https://cdnjs.com/libraries/bodymovin
Or get it directly from the AE plugin clicking on Get Player

Examples

How it works

- Open your AE project and select the bodymovin extension on Window > Extensions > bodymovin
 A Panel will open with a Compositions tab listing all of your Project Compositions.
 Select the composition you want to export.
 Select a Destination Folder:
 Select a Destination Folder:
 Click Render
 I look for the exported joon file (if you had images or AI layers on your animation, there will be an images folder with the exported files)

- get the lottle js file from the build/player folder for the latest build
 include the js file on your html (remember to gzip it for production)

 cscript arc="js/lottle.js" type="text/javascript"></script>

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You can call lottie.loadAnimation() to start an animation. It takes an object as a unique param with:

- hees an object as a unique param with:

 a simiationDiska or Object with the exported animation data.

 path: the relative path to the animation object, (simiationData and path are mutually exclusive)

 loop: true / false if musber

 autoplay true / false it thill date playing as soon as it is ready

 name: animation name for future reference

 rendere: "bg' / cannag/ harin' to at the moderer

 containce: the down element on which eith animation

It returns the animation instance you can control with play, pause, setSpeed, etc.

Redums the annualous resonance you can come an early state loads/station[(
container element, // the dom element that will contain the animation renderer: symplectic renderer: symplectic resp.
loop; true,
autoplay true,
path 'data.jeon' // the path to the animation jeon

Check this wiki page for an explanation for each setting. https://github.com/airbnb/lottie-web/wiki/Composition-Set

Usage

nstances have these main methods

stop

pause

href: usually pass as location.href. Its useful when you experience mask issue in safari where your unlidoes not have # symbol

setSpeed(speed)

- value: numeric value.
 isFrame: definesif first argument is a time based value or a frame based (default false).

goToAndPlay(value, isFrame)

- value: numeric value.
 1aFrame: defines if first argument is a time based value or a frame based (default false).

setDirection(direction)

direction: 1 is forward -1 is reverse.

playSegments(segments, forceFlag)

setSubframe(useSubFrames)

useSubFrames: If false, it will respect the original AE fps. If true, it will update on every requestAnimationFrame with intermediate values. Default is true.

destroy()

getDuration(inFrames)

InFrames: If true, returns duration in frames, if false, in seconds

Aditional methods:

updateTextDocumentData = updates a text layer's data More Info (https://github.com/airbnb/lottie-web/wiki/TextLay

Lottie has several global methods that will affect all animations:

Lottle has several global methods that will affect all animations:

lottle play | - with replicate parameter name to target a specific animation -thir
lottle stop) - with replicate parameter name to target a specific animation -thir
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lottle sesspecific in the summer specific of the stop of

Events

you can also use addEventLis

- can also use adoctivent... Before with the following events:

 complete

 loopComplete

 enterFrame

 segmentStart

 segm

Other loading options

Doing this you will have to handle the canvas clearing after each frame

-dut/Another way to load animations is adding specific attributes to a dom element.
You have to include a div and set it's class to lottle.
If you do it before page load, it will sunchantically search for all tags with the class "lottle".
Cryou can call lottle searchAnimation(s) after page load and it will search all elements with the class "lottle".

cturio Optional cturio - a "data-anim-loop" attribute - a "data-anim-loop" attribute - a "data-anim-loop" attribute to specify a name to target play controls specifically cturio - a "data-anim-loop" attribute to specify

Recommendations

Files

Preview

If you have any imagenor All syresthal you haven't converted to shapes (I recommend that you convert them, so they get exported as vectors, right click each layer and do: "Create shapes from Vector Layers"), they will be saved to an images folder relative to the destination jour folder. Beware not to preventing an existing folder on that same location.

Performance

This is real time rendering. Although it is pretty optimized, it always helps if you keep your AE project to what is necessary-bithous optimizations are on their way, but ty not to use huge shapes in AE only to mask a small part of it.-bithous or to many nodes will also affect performance.

Help

If you have any animations that don't work or want me to export them, don't hestate to write.

'fm really interested in seeing what kind of problems the plugin has.

'br/>
my email is hernantorrisl@gmail.com

AE Feature Support

- The script supports precomps, shapes, solids, images, null objects, texts
 it supports make and inverted make. Maybe other modes will come but it has a huge performance hit.
 It supports make manapoing
 The script supports shapes, redangles, objects and darks.
 Expressions Check the will page for most into full particular consistent hotels web-kik/Expressions)
 In the proported image sequences, videos and which served supported.
 The register is hard stretching the lose why, but detablished a layer momes with all the data.

Development

npm install **or**bower install **first** npm start

Notes

- If you want to modify the pareor or the player, there are some guip commands that can simplify the task
 is ober at the great animations exported on oxidepens. East samples on codesens. These Toolegens independent independent independent of the player than a huge reduction on the filesze. I recommend doing if if you use if for a project.

 ISSUES

For missing mask in Safari browset, please anim.setLocationHeef[locationHeef] before animation is generated. It usually caused by usage of base tag in html. (see above for description of setLocationHeef)