

Alpha Anywhere Q&A

March 2, 2022



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A top-down view of various school and office supplies scattered on a light blue background. The items include a pair of scissors, a green triangular ruler, a white paper airplane, a compass, a blue highlighter, a yellow highlighter, a black marker, a green circular object, a teal paper clip, a blue sticky note, a magnifying glass, a roll of white tape, a black stapler, a grey stapler, a yellow pencil, a green pencil, a black ruler, a pair of glasses, a black stethoscope, and a black stapler.

Overview of customizing your application's look and feel in Alpha Anywhere

Terminology

- Style – the visual design of elements in your app: colors, layouts, and fonts
 - CSS – Cascading Style Sheets, the language used to define styles
 - SASS – Syntactically Awesome Style Sheets, an extension for CSS that adds functions, nesting, variables, and more
-
- Web Theme – a collection of SASS, CSS, images, and JavaScript used to style an Alpha Anywhere web or mobile app
 - SASS Theme – another term for an Alpha Anywhere Web Theme

Web Themes Overview

- Style both web and mobile applications.
- Alpha Anywhere built-in Web Themes:
 - Alpha
 - AndroidLight
 - AndroidDark
 - iOS
- Alpha theme has 17 variations



How do I Customize Web Themes

- Web Themes are customized in Alpha Anywhere using CSS and SASS
- There are a wide range of tools for making global to local style changes in your app
- Some tools provide Builders for creating the CSS/SASS required to customize your app

Customizing Your App



Global

- Web Theme Builder
- Inherited Styles
- Style Tweaks
- Color Palettes



Component

- Sub-themes
- Component CSS



Local

- Control Properties
- Control CSS
- In-line CSS





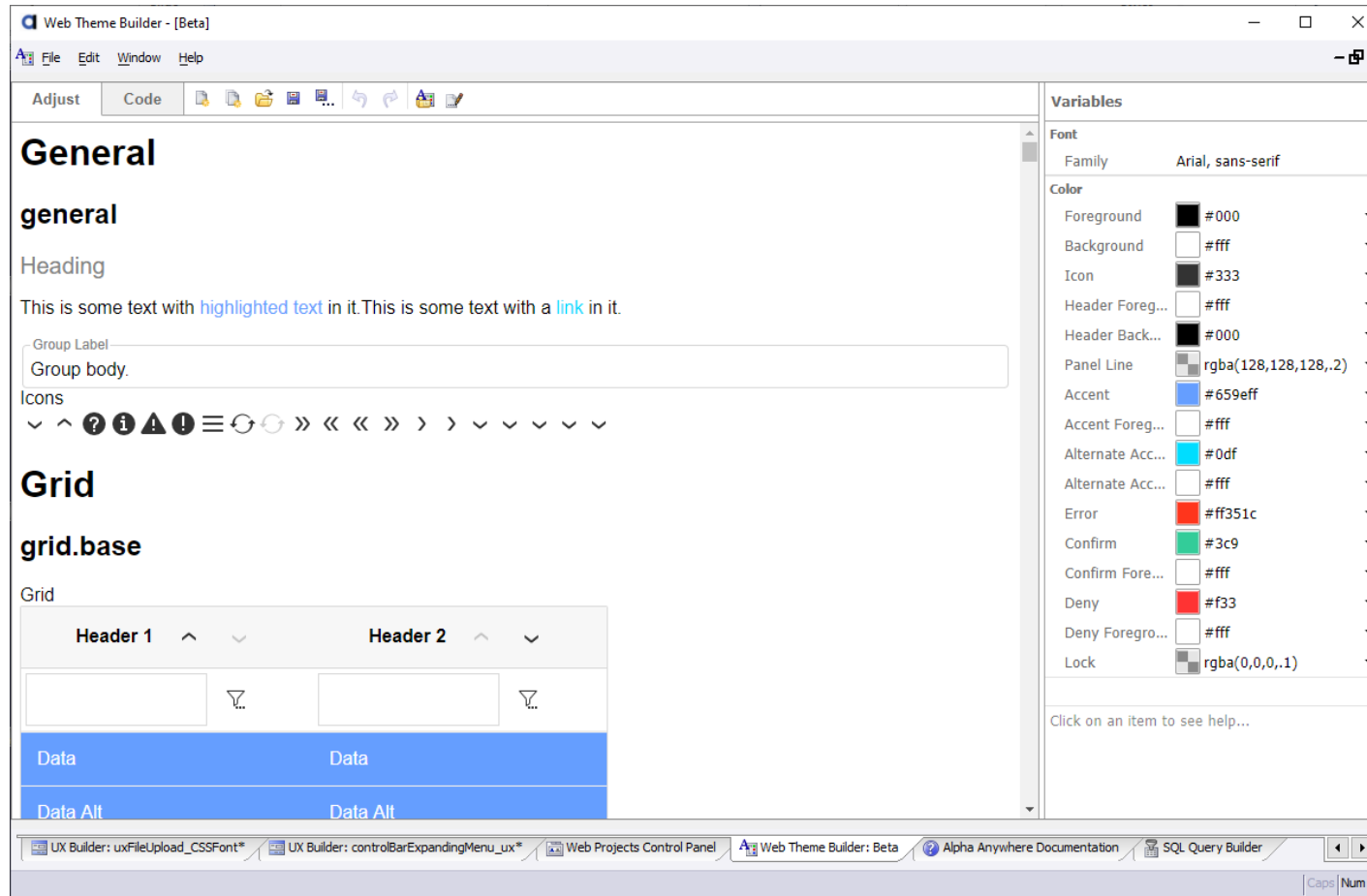
Global Theme Changes

- Style Tweaks
- Color Palettes
- Creating an Inherited Theme
- Or creating a Custom Theme

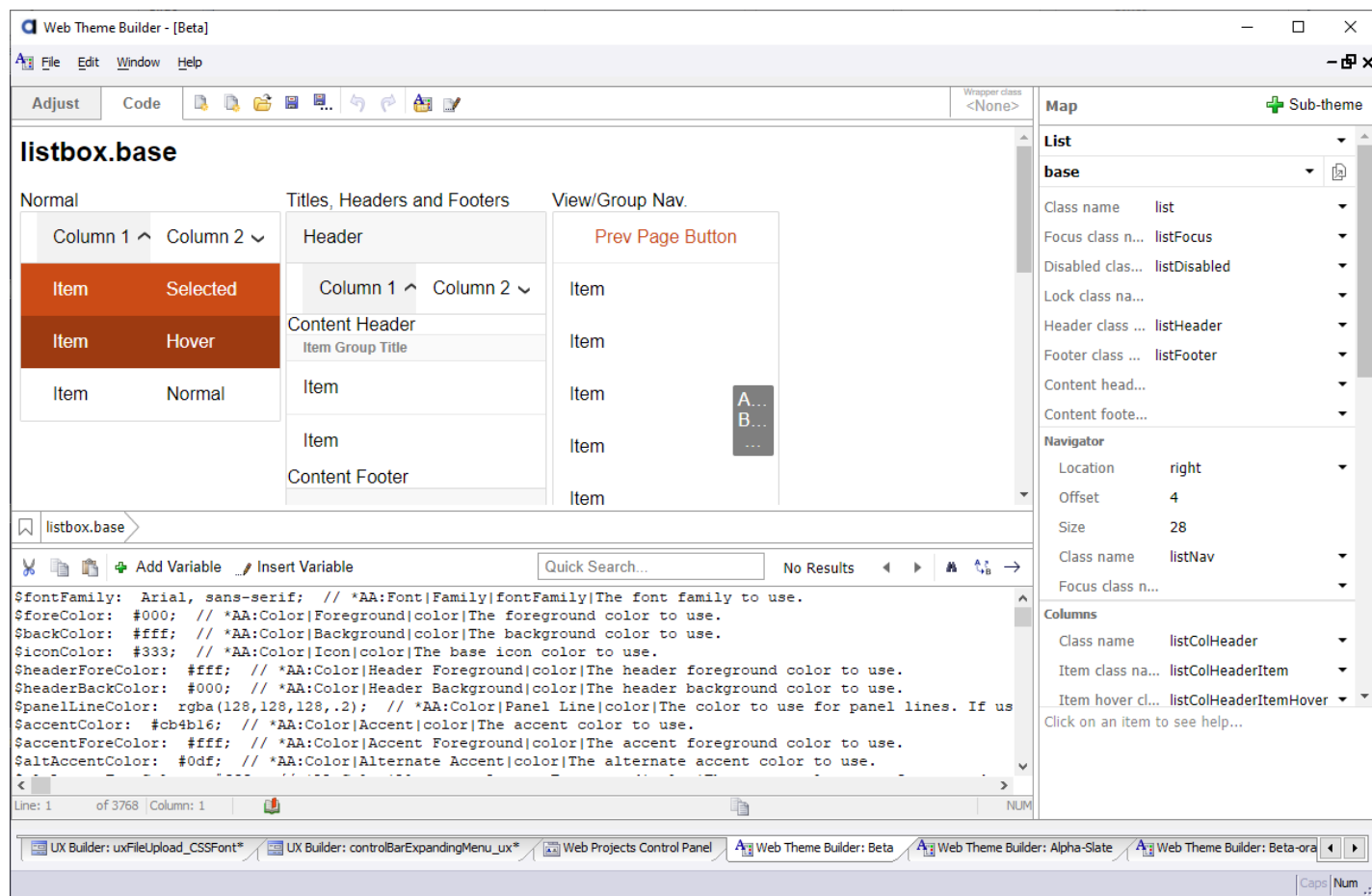
Anatomy of a Web Theme

- Parts
 - Set of Properties
 - Colors, Fonts, Spacing, Images, etc
 - A control or component
 - One or more Sub-themes
 - Can be Nested in other Parts
 - Defined on the Code Tab
- Variables
 - SASS variables that define global properties
 - Colors, Fonts, Spacing
 - Defined on the Adjust Tab

Web Theme Builder



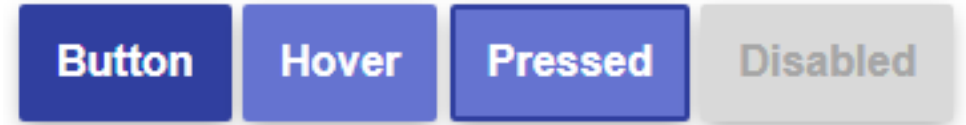
Web Theme Builder



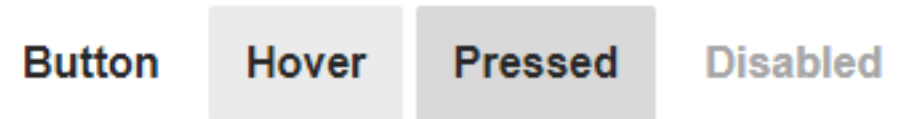
Sub-Themes

- Reusable Variation on a Web Theme Part
- All Parts have a “base” Sub-Theme – Default
- Can be part of the Web Theme or a Style Tweak

button.raised



button.subtle



button.base



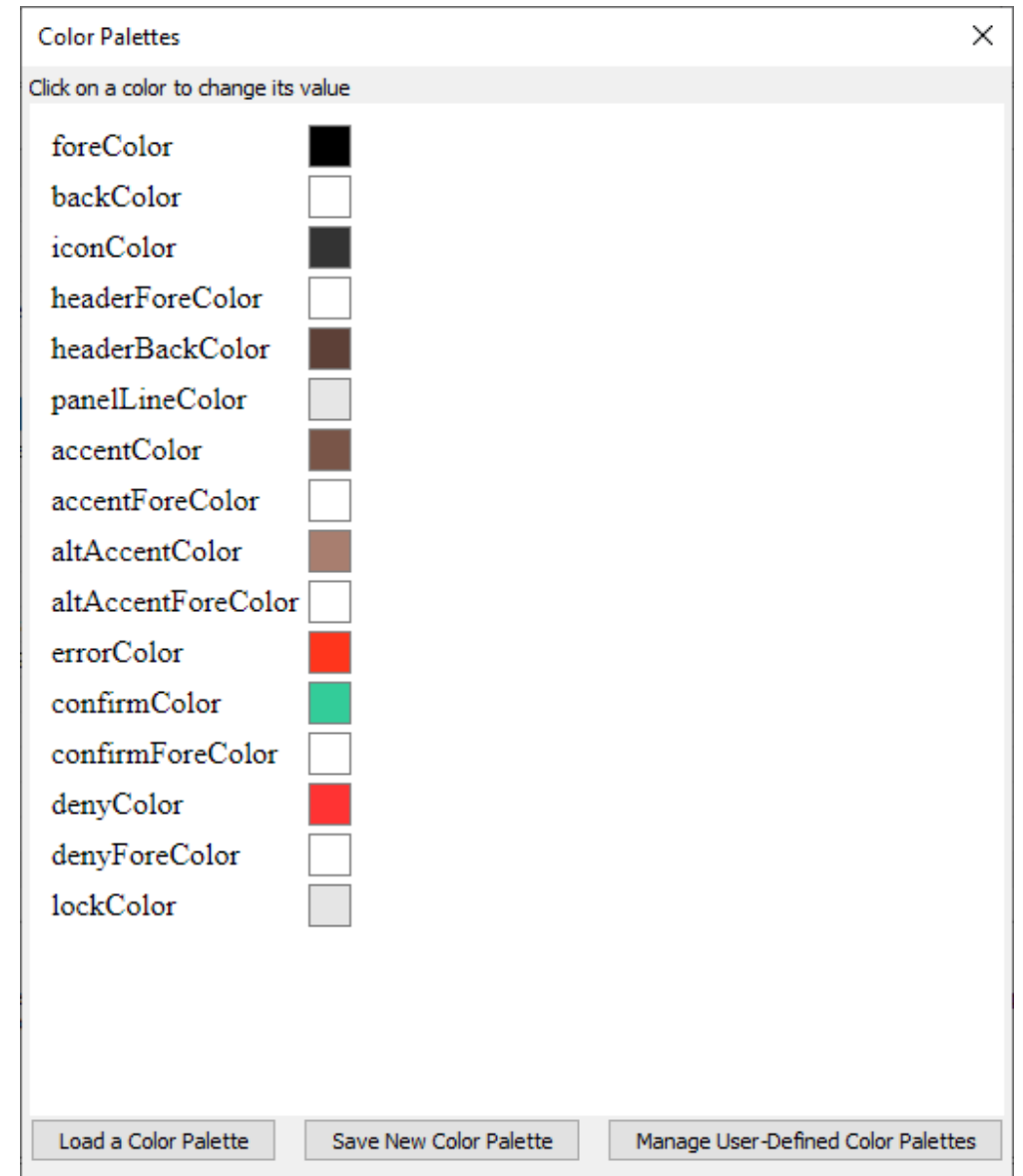
Style Tweaks

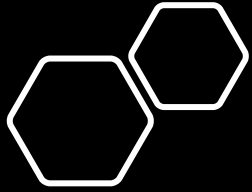
- Overwrite Web Theme
- Stored in the Project
- Affect the entire Project
- Can include Sub-themes, CSS, SASS

UX Properties	
Layout type	ContainerWidth
Control flow direction	ltr
Class map	<Click Button to Edit>
Resolve abstract CSS class names	<input checked="" type="checkbox"/>
Style name	Alpha
Customize style colors and fonts	<Click Button to edit>
Color palette	
Style sub-theme and CSS 'tweaks'	<Click Button to Edit>
Use compact theme	<input type="checkbox"/>
Show 'pulse' effect	<input checked="" type="checkbox"/>
Edit style in Style Builder	<Click button to Edit>
Font size	Medium
Local sub-theme definitions - Javascript	<Click button to Edit>
Local sub-theme definitions - CSS	<Click button to Edit>
Control behavior overrides	<Click button to Edit>

Color Palettes

- Overwrite Web Theme
- Stored in the Project
- Affect the entire Project
- Can include Sub-themes, CSS, SASS



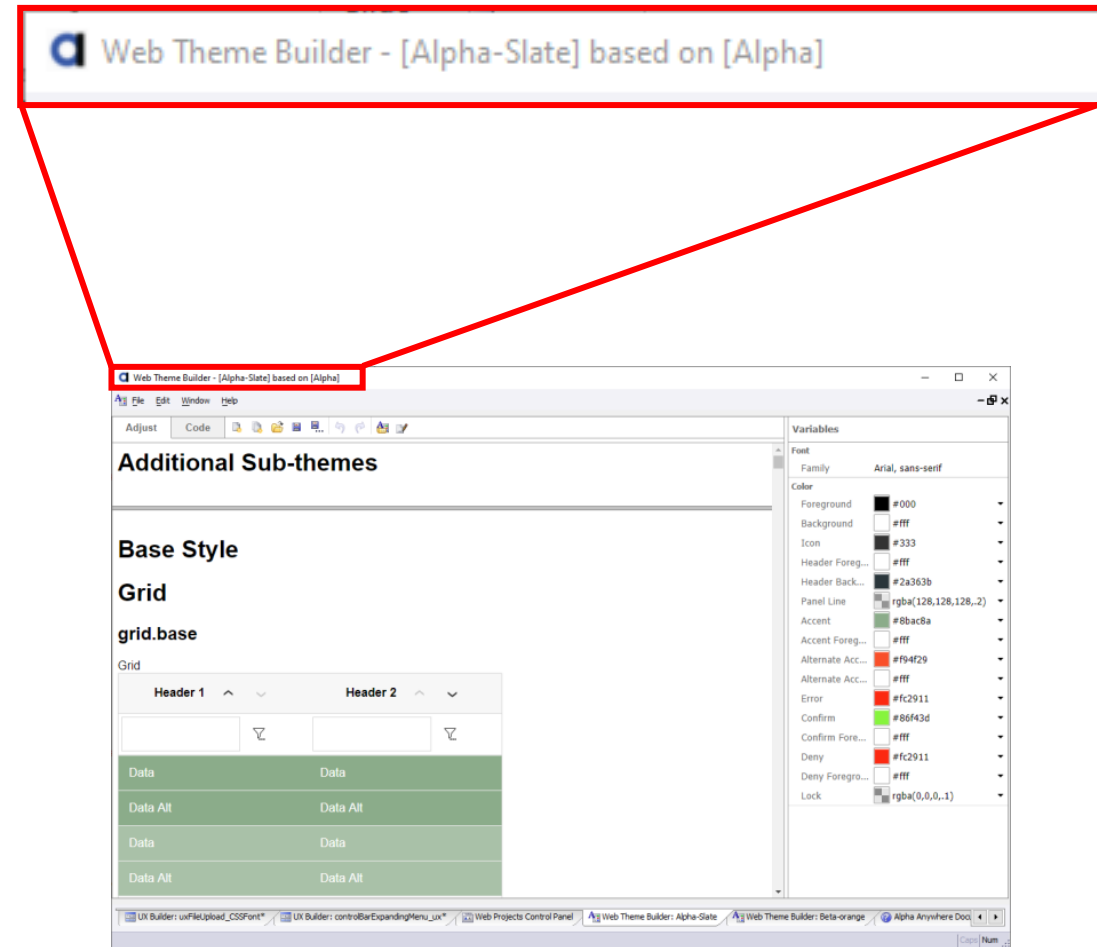


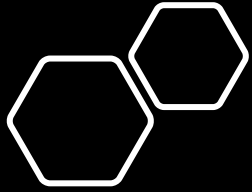
Inherited Theme

- A named Style Tweak
- Based on an existing Web Theme
- Saved as a Local or Global Web Theme

Local = Project

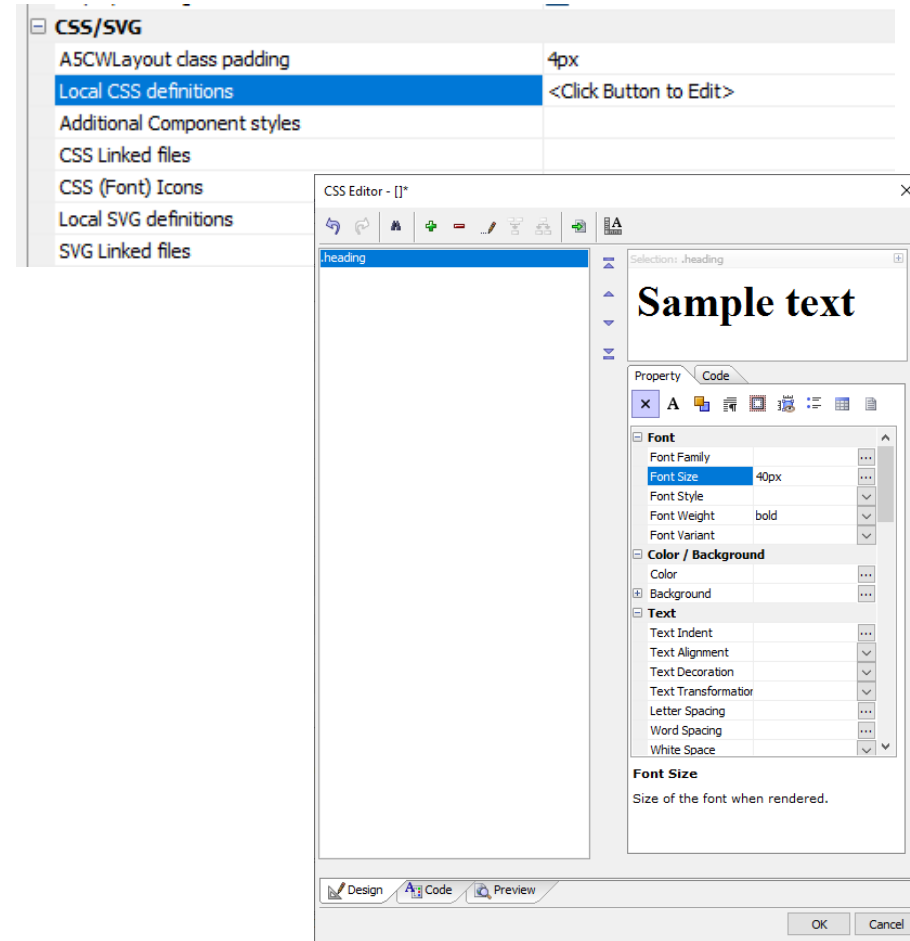
Global = Workspace

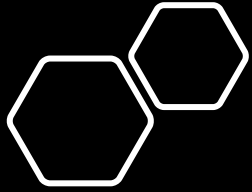




Component CSS/SASS

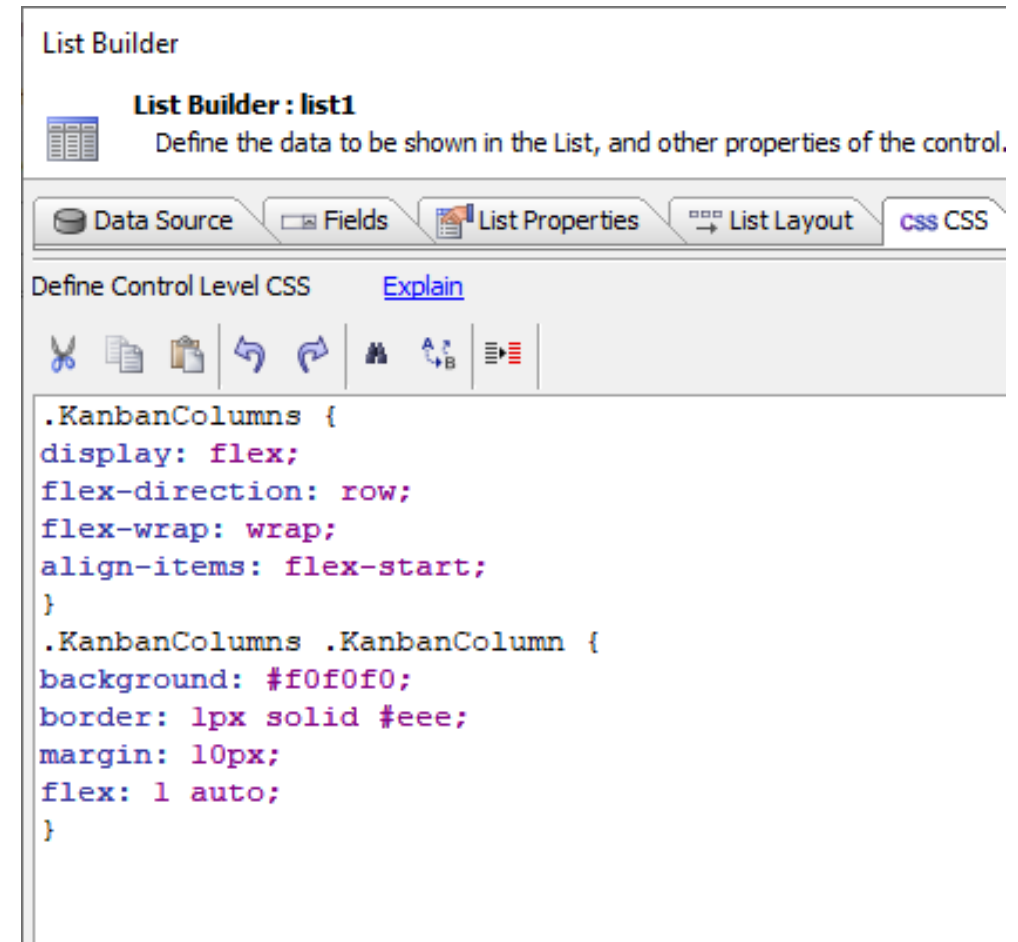
- Stored with the component
- Affects entire app only when the Component is loaded
- CSS Builder





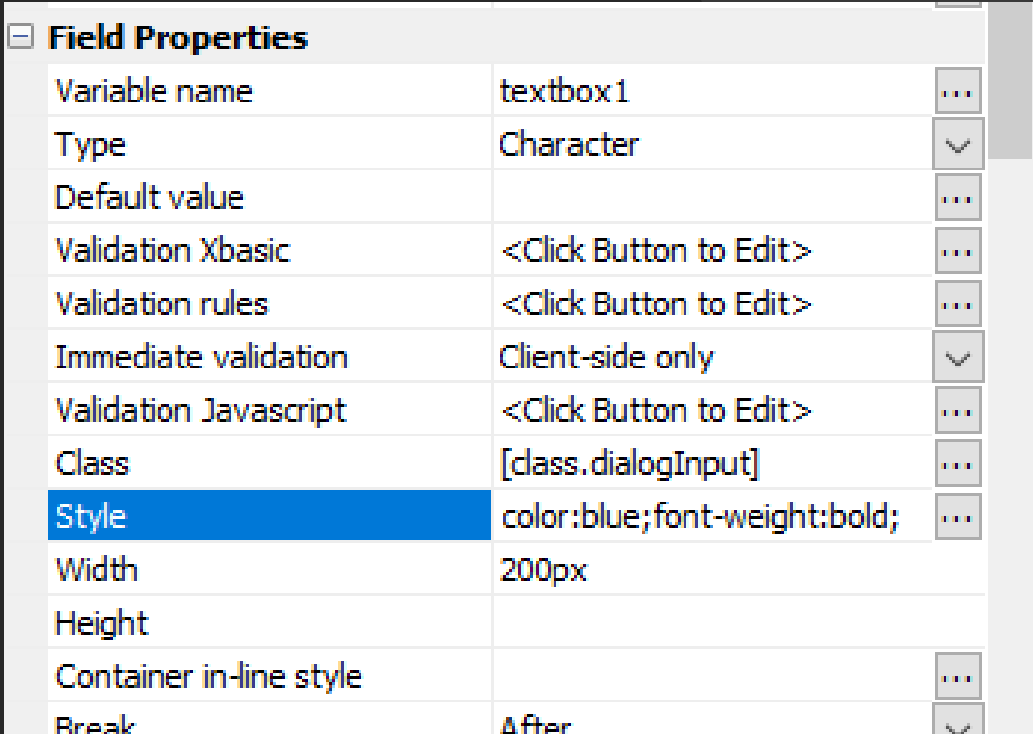
Control CSS

- List, ViewBox, ControlBar
- Stored in the Control's Definition
- Namespaced to the Control – can only affect the control



Control Properties & CSS

- Defined on the Control
- Stored with the Control
- Width, Height, Style, Class
- In-line Style, Classname



Field Properties	
Variable name	textbox1
Type	Character
Default value	
Validation Xbasic	<Click Button to Edit>
Validation rules	<Click Button to Edit>
Immediate validation	Client-side only
Validation Javascript	<Click Button to Edit>
Class	[class.dialogInput]
Style	color:blue;font-weight:bold;
Width	200px
Height	
Container in-line style	
Break	After

Useful Documentation

- [How to Add a Class and Reference it in a Control](#)
 - [How to Add Local and Global Shared Styles](#)
 - [How to Create and Assign a Sub-theme](#)
 - [How to Add a Web Font to Your Project](#)
 - [How to Configure the Project Style to use the Compact or Pulse Options](#)
 - [How to Define Style Tweaks](#)
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- [How to Preview Themes in Other Contexts in the Web Theme Builder](#)
 - [How to Set the Height of a Container to the Screen Height](#)
 - [Alpha Web Theme Builder](#)
 - [Customizing Colors and Fonts](#)
 - [Inherited Styles](#)
 - [The Pulse Effect](#)
 - [Sub-themes](#)