



Demo and Q&A

Send your questions to guides@alphasoftware.com

<https://www.alphasoftware.com/hubfs/AlphaAnywhereXbasicGuide.pdf>

Xbasic Guide

Before we begin, I have a few questions

Styling Apps

On a scale of 0 (none) – 5 (expert), how would you rank your Alpha Anywhere styling skills?

Styling Apps

What would you like to learn more about
regarding styling apps in Alpha Anywhere?

Styling Apps

When you style your applications, where are you getting stuck?

Styling Apps

Styling Apps

{ Overview

- ⌘ 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

Terms

- ⌘ Web Themes are used to style both web and mobile applications.
- ⌘ Alpha Anywhere includes several pre-built variations of Web Themes
- ⌘ Alpha Anywhere Web Themes include:
 - ⌘ Alpha
 - ⌘ AndroidLight
 - ⌘ AndroidDark
 - ⌘ iOS
- ⌘ Alpha theme has 17 variations

Overview

- ⌘ Styles 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

Overview



- Web Theme Builder
- Inherited Styles
- Style Tweaks
- Color Palettes
- Sub-themes
- Component CSS
- Control Properties
- Control CSS
- In-line CSS

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

Global Changes

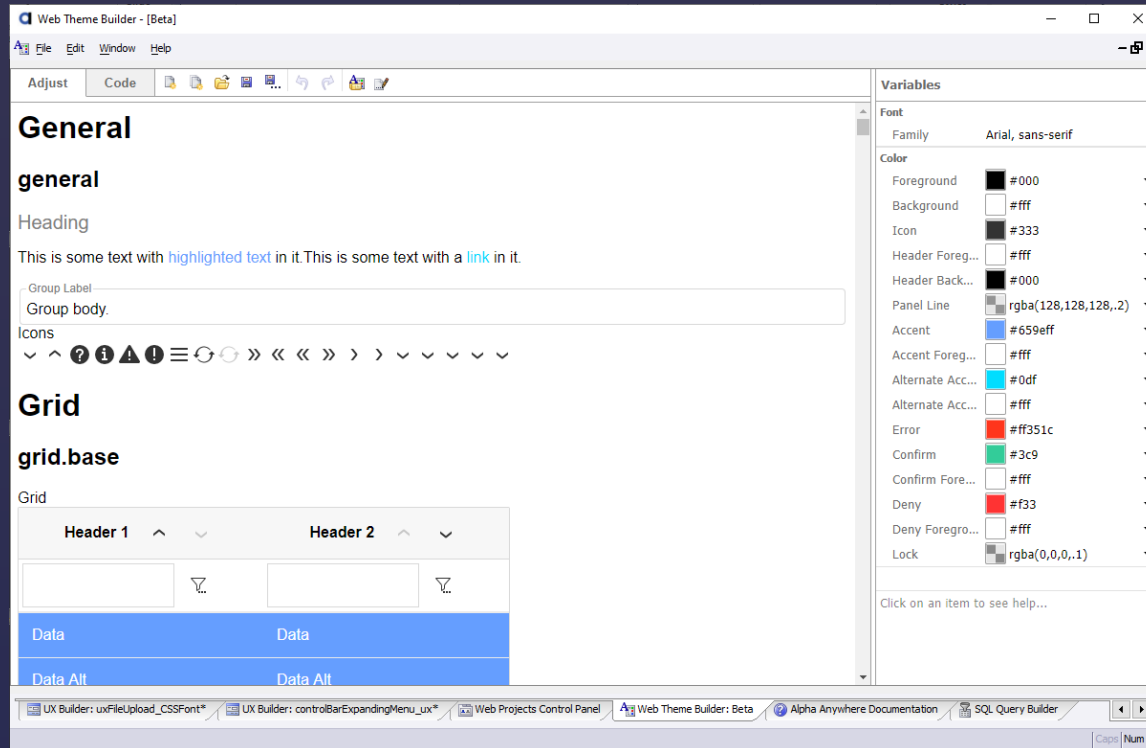
{ Parts

- ⌘ 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

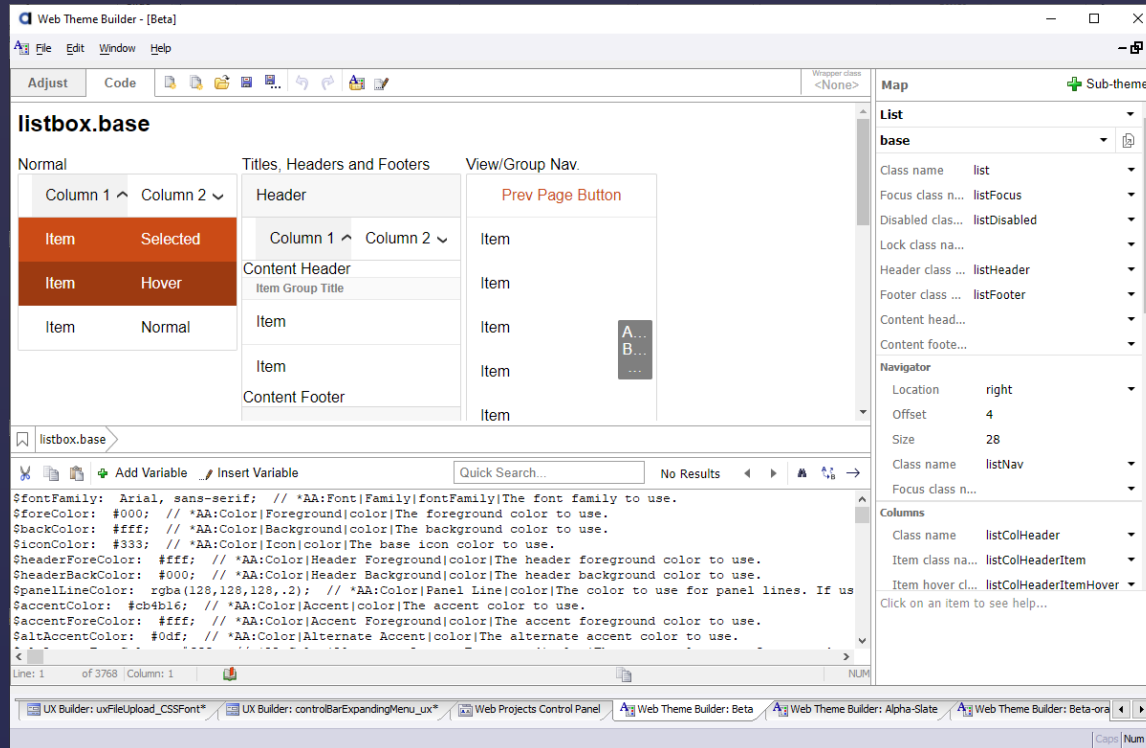
{ Variables

- ⌘ SASS variables that define global properties
 - ⌘ Colors, Fonts, Spacing
- ⌘ Defined on the Adjust Tab

Anatomy of a Web Theme



Web Theme Builder



Web Theme Builder

15

Wednesday, January 29, 2020

- ⌘ 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.base

Button

Hover

Pressed

Disabled

button.raised

Button

Hover

Pressed

Disabled

button.subtle

Button

Hover

Pressed

Disabled

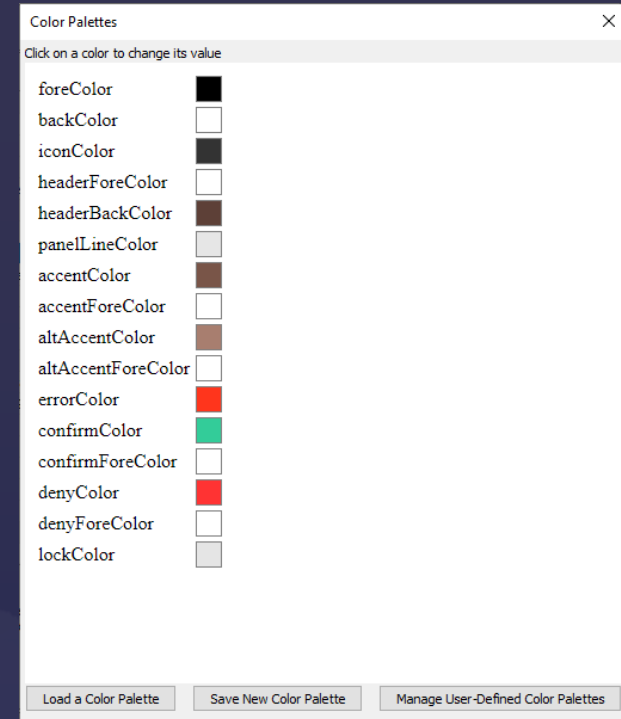
Sub-Themes

- ⌘ 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>

Style Tweaks

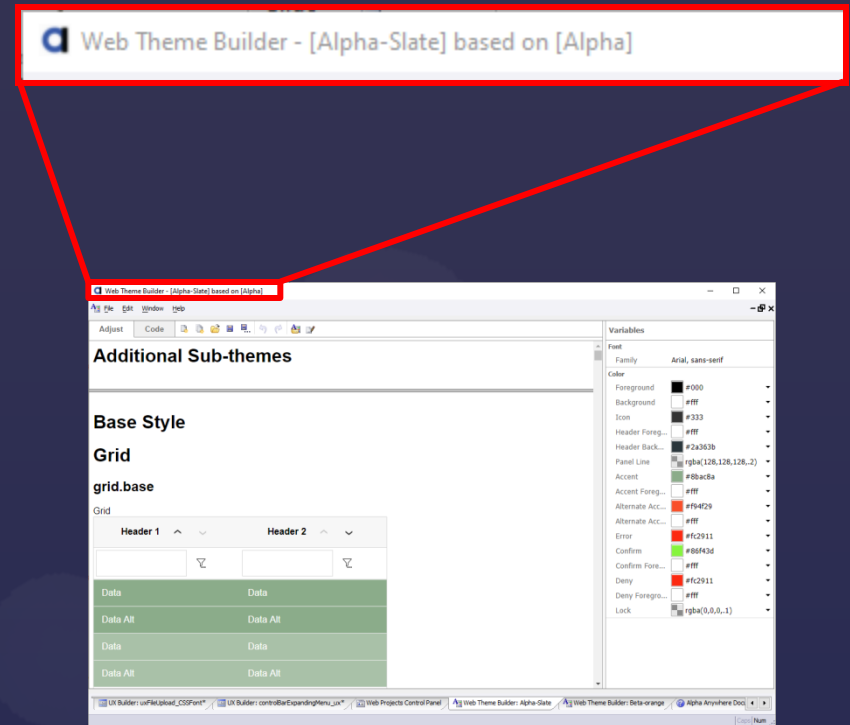
- ⌘ A Type of Style Tweak
- ⌘ Supported by Alpha Web Theme
- ⌘ Stored in the Project
- ⌘ Affect the entire Project
- ⌘ Can create your own



Color Palettes

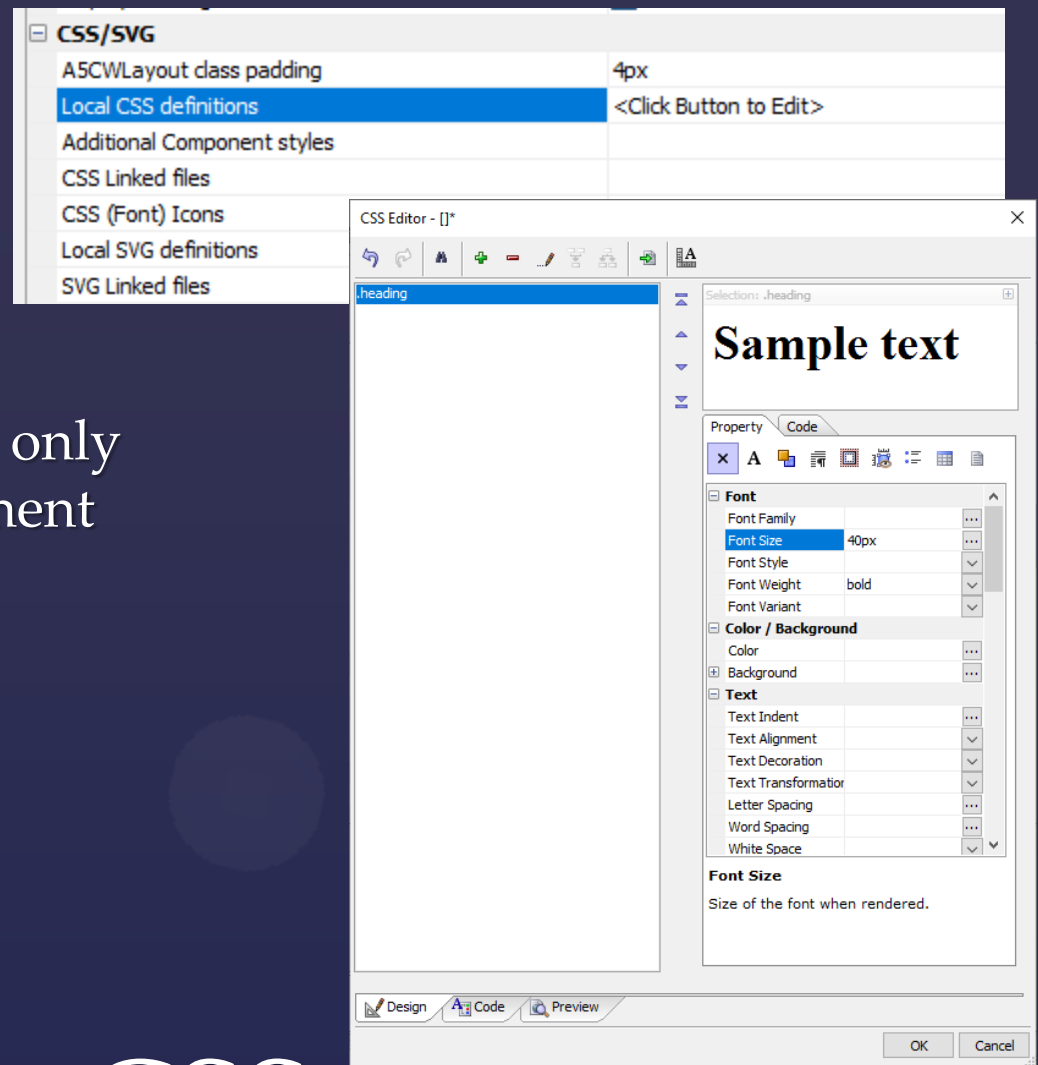
- ⌘ A named Style Tweak
- ⌘ Based on an existing Web Theme
- ⌘ Saved as a Local or Global Web Theme

Local = Project
Global = Workspace



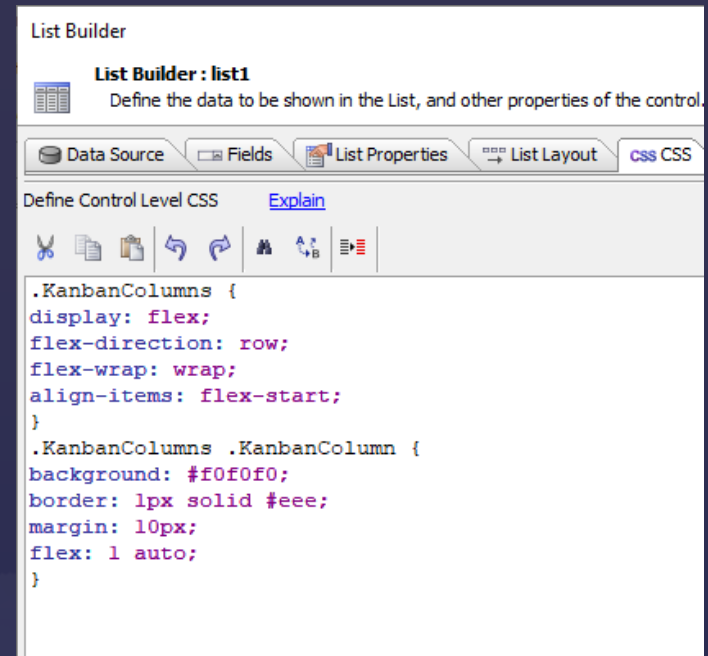
Inherited Theme

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



Component CSS

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



Control 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	▼

Control Properties & CSS

- ↳ [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](#)
- ↳ [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](#)

Useful Documentation