

<https://www.youtube.com/playlist?list=PL4cUxeGkcC9jLYyp2Aoh6hcWuxFDX6PBJ>

Hot Reload cont.

- Override denotes that a build function will override what is defined in the classes' ancestor

Images + Assets

- Network image- image already hosted somewhere else on internet
 - o Image widget uses image property that has url to the image's location
 - o Ex: Image.network('https://images.unsplash.com/photo-150154')
- Asset image- from source files
 - o Uses local url to image
 - o Ex: Image.asset('assets/space-1.jpg').
 - o Must add assets in space in pubspec.yaml file to use. Fastest to put all assets in shared folder, and put file under assets. All jpg images in this folder can be used now

Buttons + Icons

- Icon widget
 - o Using icons from material design library- must know name of icon. Ability to change color + size
 - o Icons.[name of icon in design library]
- Buttons
 - o Raised button- has shading giving 3d effect. Can also have FlatButton
 - o onPressed- code that executes after button is pressed
 - o Combining button an icon- RaisedButton.icon() (doesn't have to be raised button), is button with icon on it
 - o Icon button- is icon that can be pressed, IconButton()

Containers + Padding

- Container widget- for layout purposes, wraps around another widget, has properties like margin, color, padding + more
 - o Create child widgets of container widgets to hold things such as text, images
 - o With no specifications, container takes up only the exact space that child widgets take up, if no children specified container takes up all available space.
- Padding- controls the size of container widget so it can extend past child widgets
- Margin- controls distance of given child widget from edge of container widget

- EdgInsets- examples: symetric--> controls margins length and height wise, and makes them the same (takes 2 inputs for horizontal + vertical), FromLTRB--> specifies different values for the four sides in order (takes 4 number values)
- Padding widget- control padding of child widget without needing to set margin or a color

* Selecting a widget and pressing ctrl q allows you to see all its' modifiable properties;