

Adaptive Layout

Hands-on Challenges

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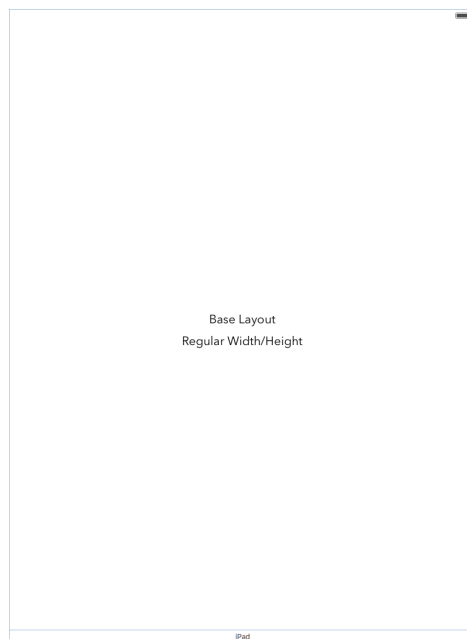
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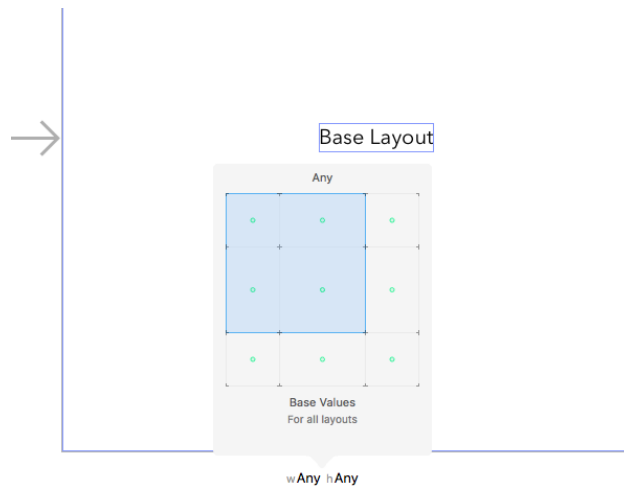
Challenge 1: Using the “Installed” Checkbox

You’ve seen that when you change the active size class and add a new view, it only gets added for that size class.

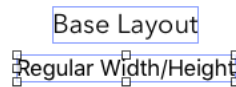
In this short challenge, you’ll see how Interface Builder keeps track of which size class a view should be visible for, and you’ll add one of your own.



Adding the label



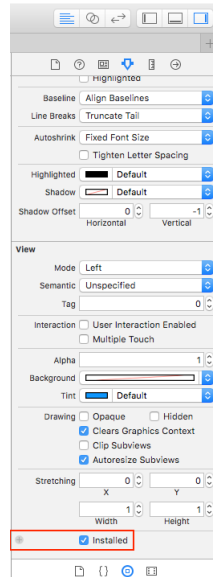
Open the storyboard and switch over to the **Any** width, **Any** height size class.



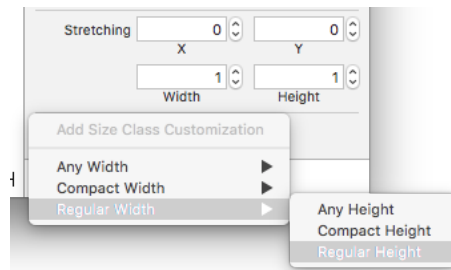
Add a new label to the storyboard, just under the **Base Layout** label. Change the text to **Regular Width/Height**. Center it horizontally and a standard space below the other label.



The “Installed” Checkbox



In the **Attributes** inspector, at the bottom, there is a new checkbox named **Installed** with a plus button next to it. When you click on it, it lets you add a new “version” of the property that applies to a specific size class.



Choose the **Regular Width** and **Regular Height** size class. Leave that checkbox checked, but uncheck the top one (this one applies to the **Any, Any** size class). The label is now **Installed** in the Regular, Regular size class, but uninstalled in the Any, Any size class.

This is the same mechanism Interface Builder creates automatically when you add a new view with a different size class selected.

Constraints

Now, create the constraints for the new label, relative to the **Base Layout** label. You can use the method you just learned or switch size classes and add the constraints. Refer to the completed challenge project if you run into any issues.

