

Tips and Tricks to Using ConstraintLayout



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Summary

- **Using WRAP_CONTENT**
- **Pack Horizontally/Vertically**
- **Optimizer**
- **“Convert to ConstraintLayout tool”**

Demo

Dealing with WRAP_CONTENT

Demo

Pack Horizontally / Vertically

Optimizer

Automatically running

Can change via XML

Optimizer

Cheap:

wrap_content and fixed dimensions

More costly:

match_constraint

```
<android.support.constraint.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    app:layout_optimizationLevel="standard|direct|barrier|chains|dimensions">
```

Changing the optimization level in XML

Demo

Optimizer

Demo

“Convert to ConstraintLayout” tool

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