# Android practicum part 1.2: Getting to work

## Android Hello World

Ok, all the tools are in place so let’s get started with a Hello World.

Luckily Google has create a nice Hello World tutorial.

Start here

* <http://developer.android.com/training/basics/firstapp/index.html>

Continue with this (Create a Project with Command Line Tools is optional)

* <http://developer.android.com/training/basics/firstapp/creating-project.html>

When finished continue with this (If you don’t have a device, just use the emulator:

* <http://developer.android.com/training/basics/firstapp/running-app.html>

Finally go here:

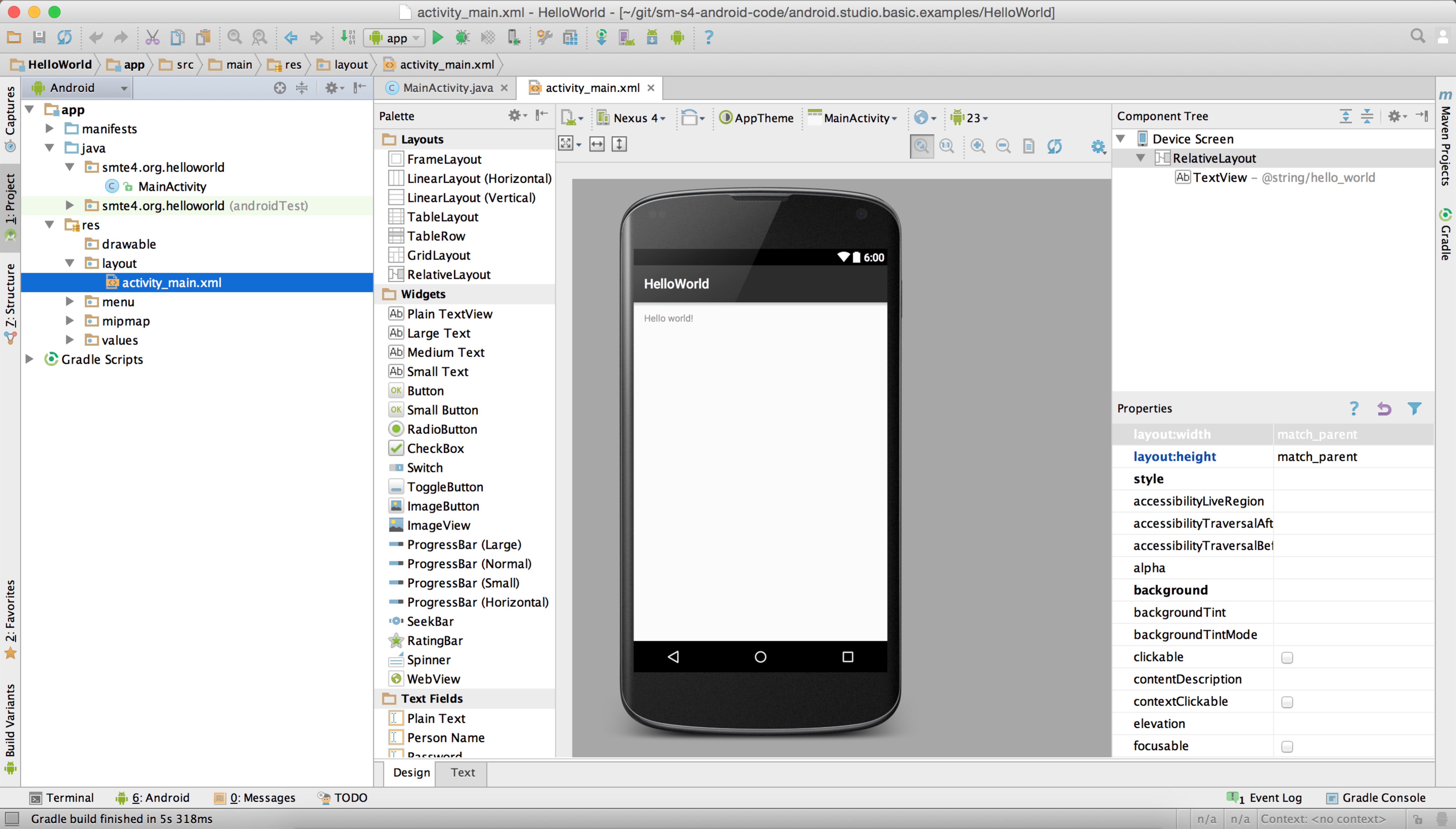
* <http://developer.android.com/training/basics/firstapp/starting-activity.html>

When you are done, make sure that the project is added to your repository.

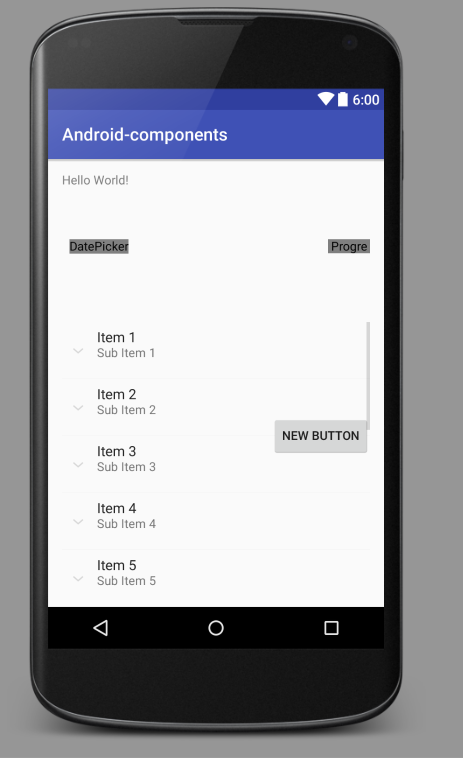
## Playing with Layout

Ok, the hello world is done. But the UI is a bit empty.

* Create a new Android project. A good name would be: Android\_components
* Open the activity\_main.xml layout using the Graphical Layout view.

Fig 1: Example of adding an activity using Android Studio.

* Add a number of different components on the view (At least 4)

Make a screenshot from the end result, and paste it here.

Now go to developer.android.com and find the official documentation for the UI components you’ve found, and paste the URL’s below.

Links:

https://developer.android.com/reference/android/widget/DatePicker.html

https://developer.android.com/reference/android/widget/ProgressBar.html

https://developer.android.com/reference/android/widget/ExpandableListView.html

## <https://developer.android.com/reference/android/widget/Button.html>

## To conclude

Make sure that this document is uploaded within your repository.