Create a Project

A project in Android Studio contains one or more modules that keep your code organized into discrete units of functionality. This page shows how to start a new project or import an existing project.

For more information about the Android project structure and module types, read Projects Overview (https://developer.android.com/studio/projects/index.html). For more information on adding a module for a new device to an existing project, read Add a Module for a New Device (https://developer.android.com/studio/projects/add-app-module.html).

Start a new project

Android Studio makes it easy to create Android apps for various form factors, such as phone, tablet, TV, Wear, and Google Glass. The **New Project** wizard lets you choose the form factors for your app and populates the project structure with everything you need to get started. Use the following steps to create a new project.

Step 1: Start and configure the project

If you didn't have a project opened, Android Studio shows the Welcome screen. To create a new project, click **Start a New Android Studio project**.

If you had a project opened, Android Studio shows the development environment. To create a new project, click **File** > **New** > **New Project**.

The next window lets you configure the name of your app, the package name, and the location of your project.

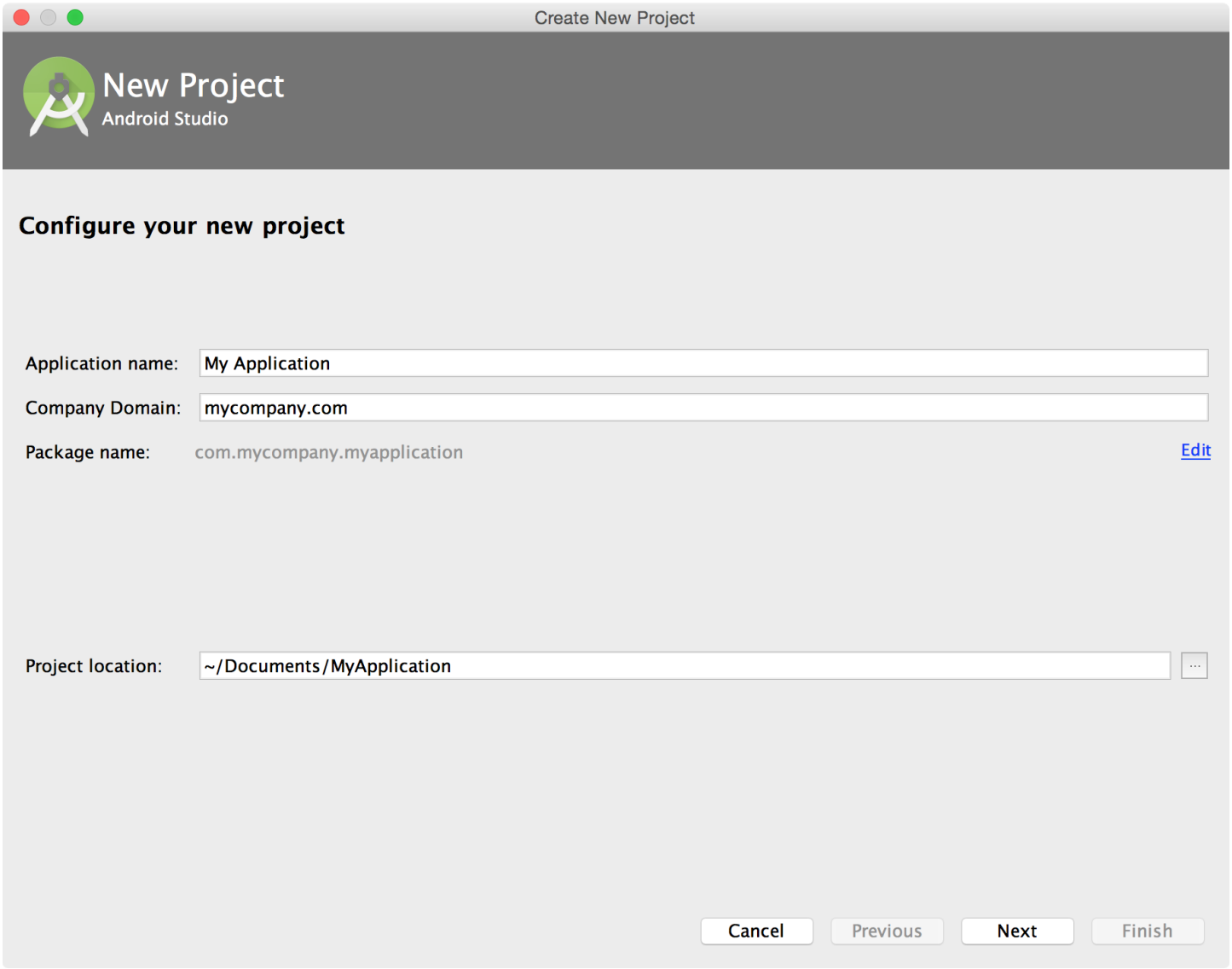

Figure 1. The **Configure your new project** screen.

Enter the values for your project then click **Next**.

Step 2: Select form factors and API level

The next window lets you select the form factors supported by your app, such as phone, tablet, TV, Wear, and Google Glass. The selected form factors become the app modules within the project. For each form factor, you can also select the API Level for that app. To get more information, click **Help me choose**.

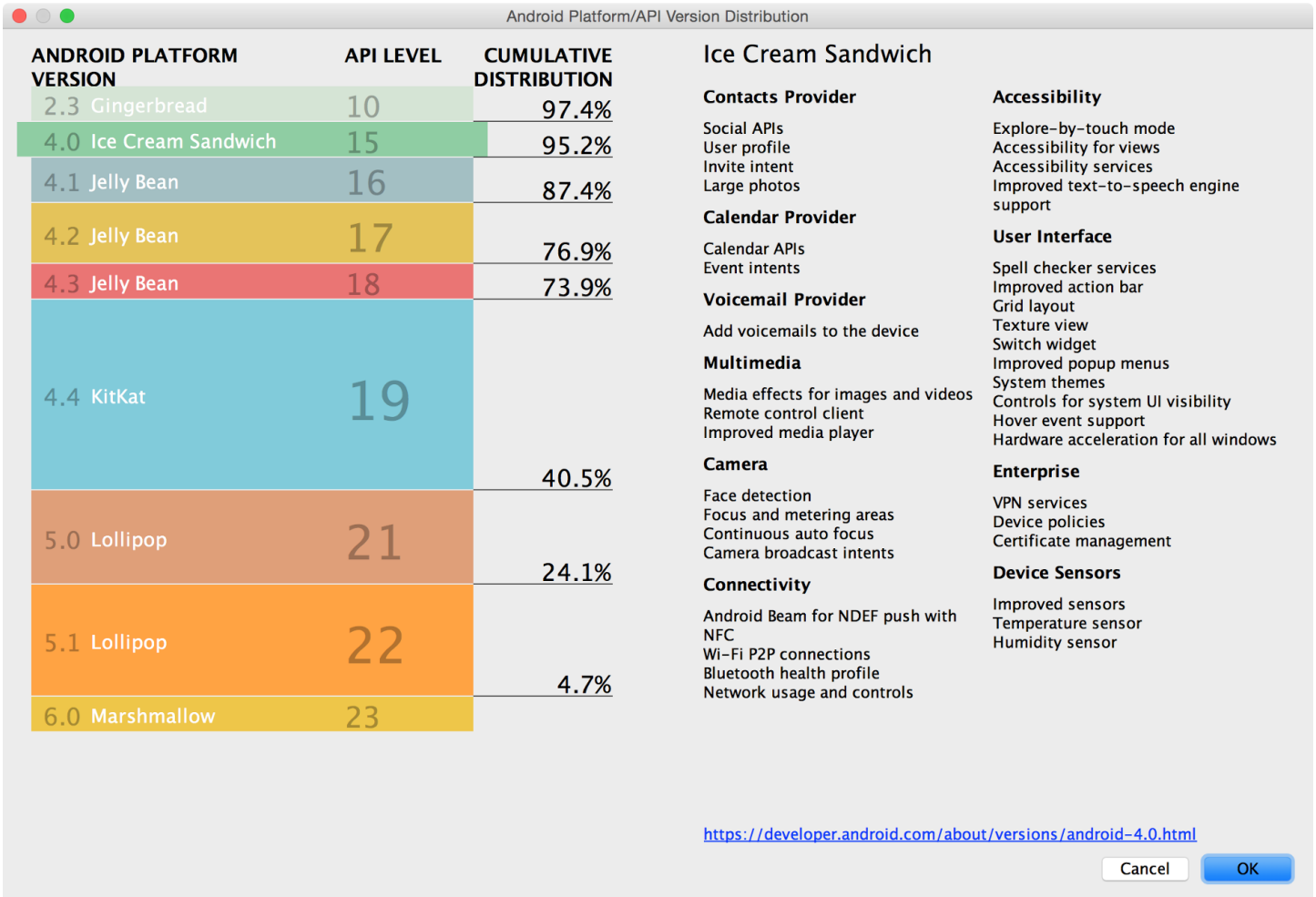

Figure 2. Chart of the current Android version distributions, shown when you click **Help me choose**.

The Android Platform Distribution window shows the distribution of mobile devices running each version of Android, as shown in figure 2. Click on an API level to see a list of features introduced in the corresponding version of Android. This helps you choose the minimum API Level that has all the features that your apps needs, so you can reach as many devices as possible. Then click **OK**.

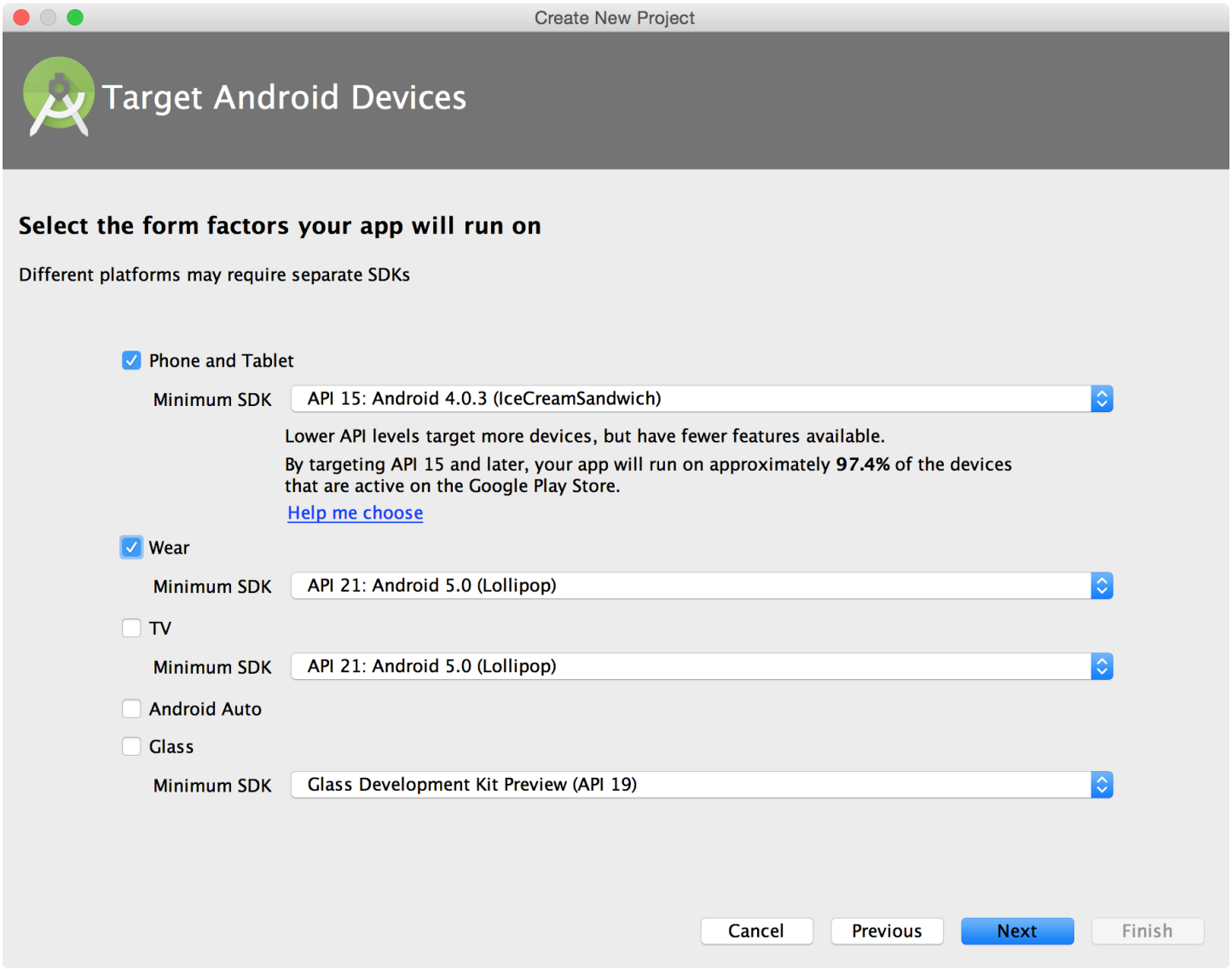

Figure 3. The **Target Android Devices** screen.

Then, on the Target Android Devices window, once you've selected your form factors and API versions, click **Next**.

Step 3: Add an activity

The next screen lets you select an activity type to add to your app, as shown in figure 4. This screen displays a different set of activities for each of the form factors you selected earlier.

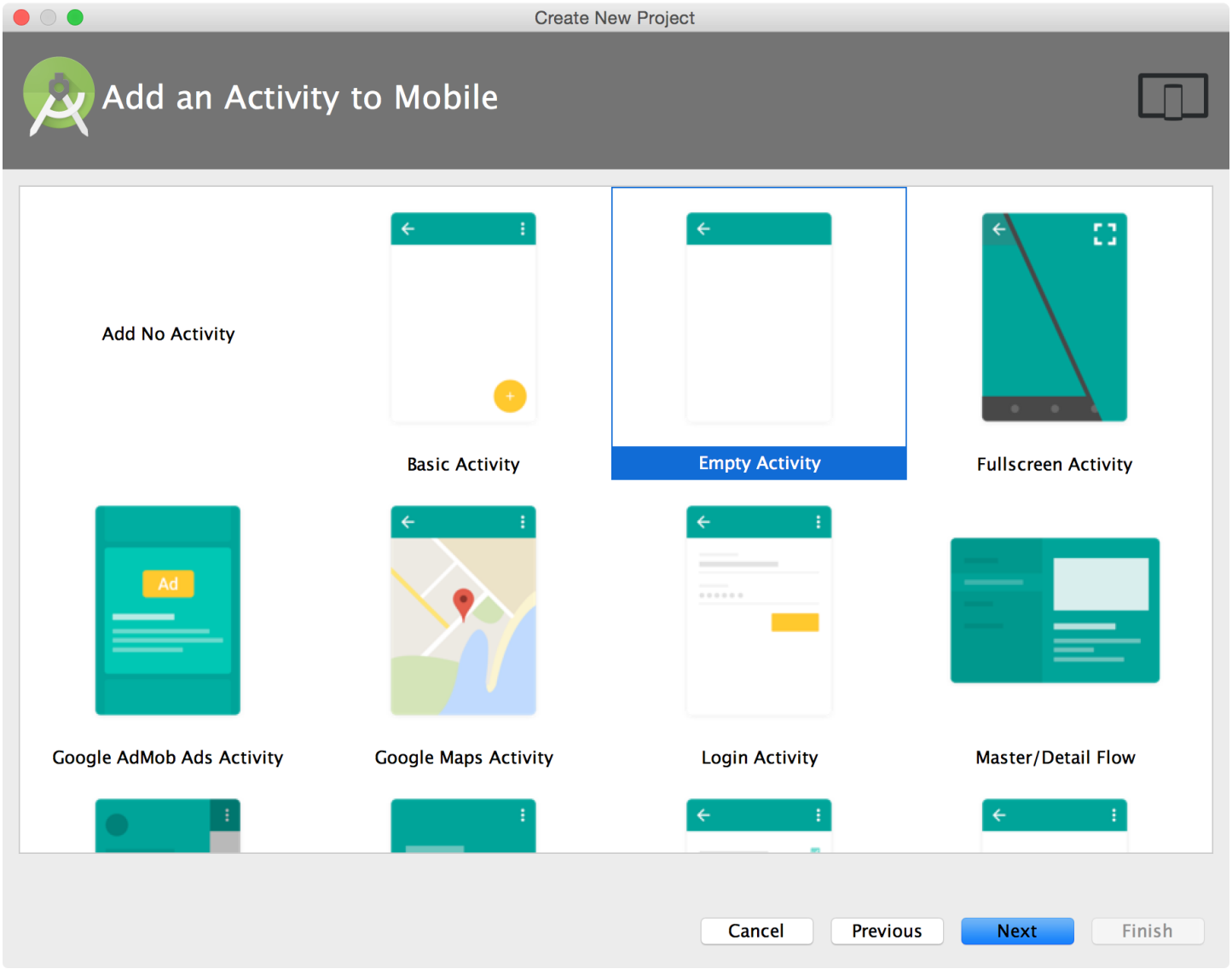

Figure 4. The **Add an Activity** screen for a mobile form factor.

Choose an activity type then click **Next**.

> **Note:** If you choose "Add No Activity," click **Finish** to create the project.

Step 4: Configure your activity

The next screen lets you configure the activity to add to your app, as shown in figure 5.

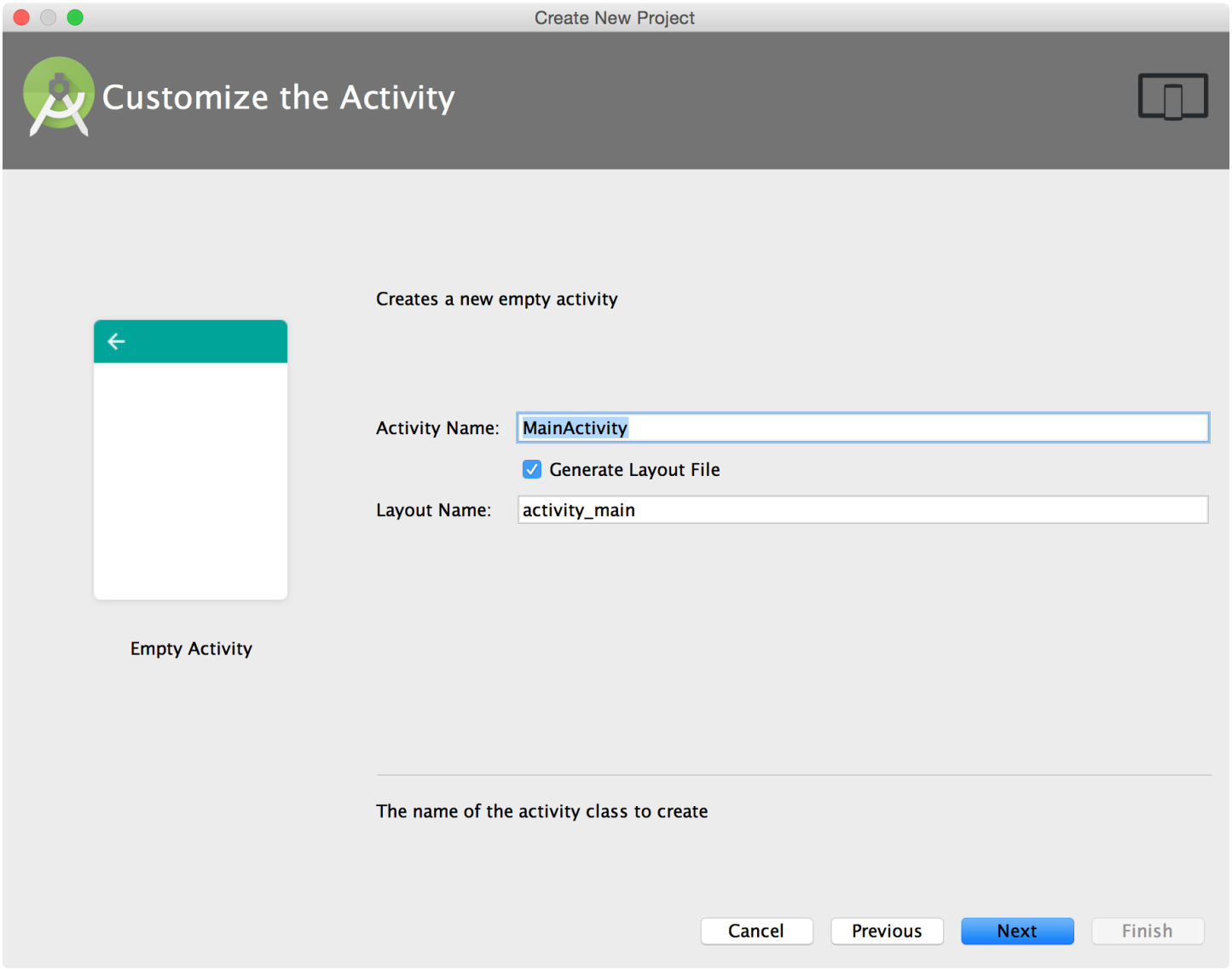

Figure 5. The **Customize the Activity** screen.

Enter the activity name, the layout name, and the activity title. Then click **Finish**.

Step 5: Develop your app

Android Studio creates the default structure for your project and opens the development environment. If your app supports more than one form factor, Android Studio creates a module folder with complete source files for each of them as shown in figure 6.

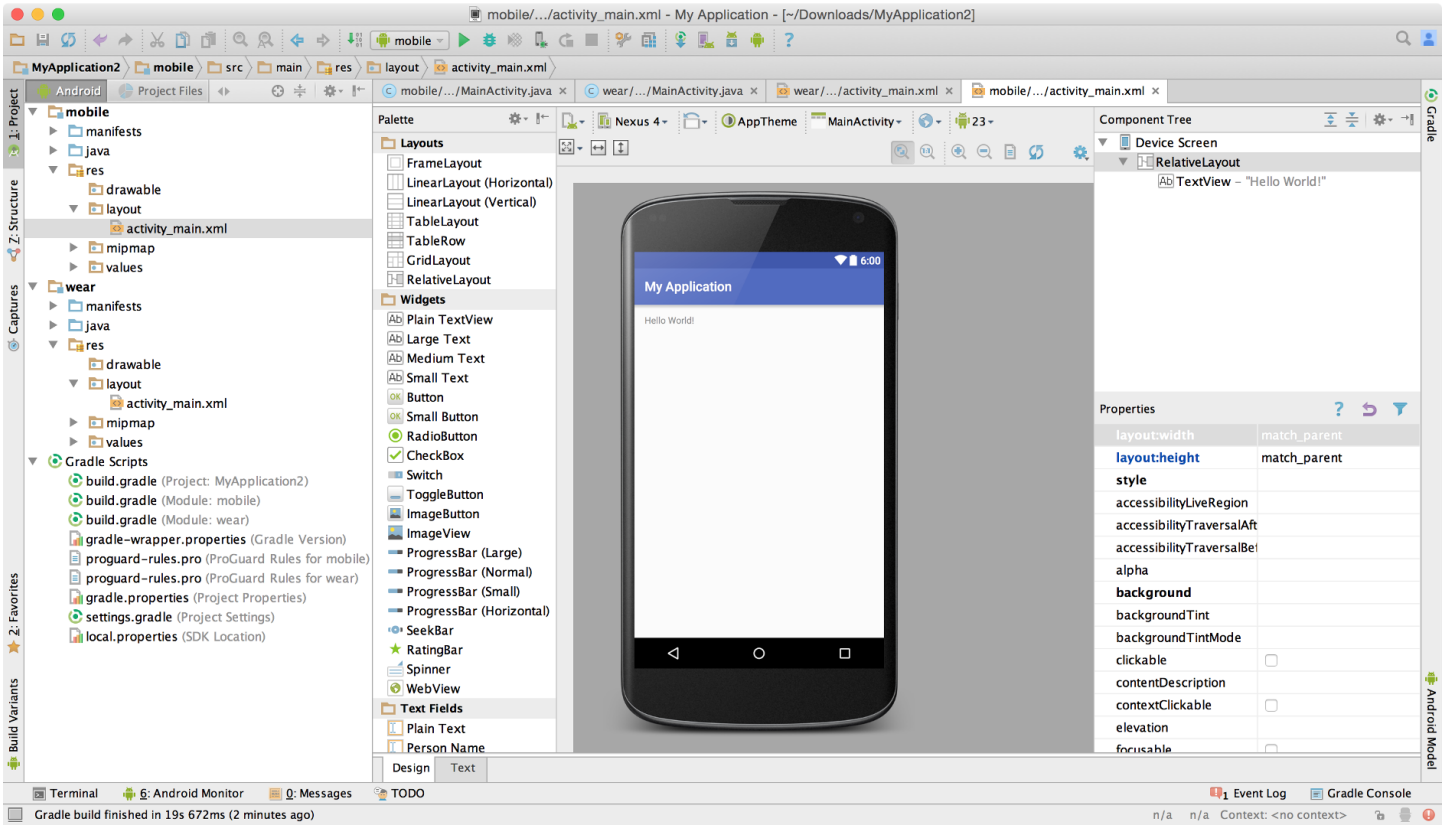

Figure 6. Project structure for a newly created app.

Now you are ready to develop your app. For more information, see the following links:

- Training Lessons (https://developer.android.com/training/)
- Add a Module for a New Device (https://developer.android.com/studio/projects/add-app-module.html)

Import an existing project

To import an existing project into Android Studio, proceed as follows:

1. Click **File** > **New** > **Import Project**.
2. In the **Select Eclipse or Gradle Project to Import** window that appears, navigate to the root directory of the project you want to import.
3. Click **OK**.

Android Studio then opens the project in a new IDE window.

If you are importing a project from version control, use the **File** > **New** > **Project from Version Control** menu. For more information about importing projects from version control, read IntelliJ's VCS-Specific Procedures (https://www.jetbrains.com/help/idea/2016.2/vcs-specific-procedures.html).

If you are importing an existing Eclipse ADT project into Android Studio, how you add the project depends on its structure. To read more about importing projects from Eclipse, see Migrate to Android Studio from Eclipse (https://developer.android.com/studio/intro/migrate.html#import-steps).