

UNIT – IX

Deployment of applications

➤ **Get Started with Publishing**

Start publishing on Google Play in minutes by:

- Registering for a Google Play publisher account
- Setting up a Google Wallet Merchant Account, if you will sell apps or in-app products.
- Exploring the [Google Play Developer Console](#) and publishing tools.

When you're ready, use the Start button to go to the Developer Console.

Register for a Publisher Account

1. Visit the [Google Play Developer Console](#).
2. Enter basic information about your **developer identity** — name, email address, and so on. You can modify this information later.
3. Read and accept the **Developer Distribution Agreement** for your country or region. Note that apps and store listings that you publish on Google Play must comply with the Developer Program Policies and US export law.
4. Pay a **\$25 USD registration fee** using Google Wallet. If you don't have a Google Wallet account, you can quickly set one up during the process.
5. When your registration is verified, you'll be notified at the email address you entered during registration.

Set Up a Google Wallet Merchant Account



If you want to sell priced apps, in-app products, or subscriptions, you'll need a Google Wallet Merchant Account. You can set one up at any time, but first review the list of [merchant countries](#).

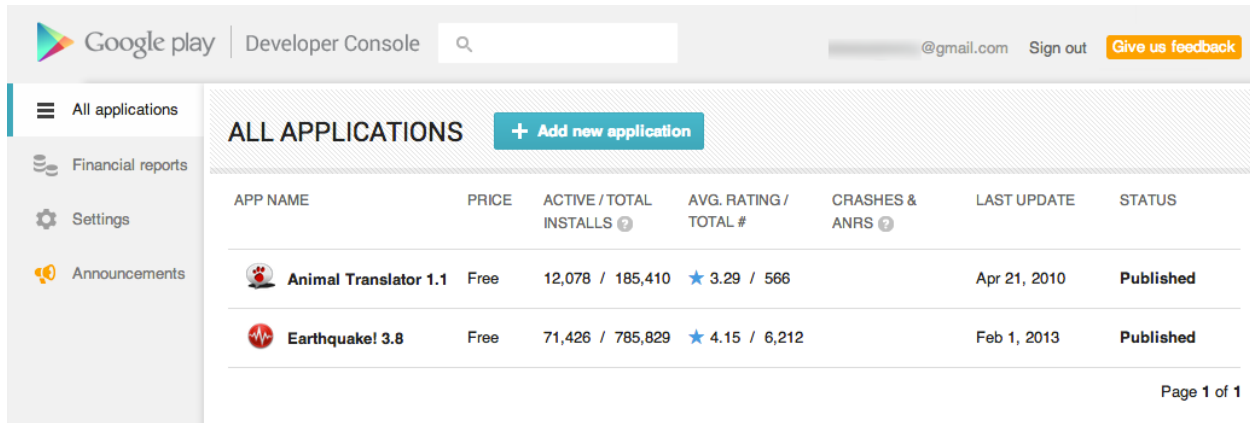
To set up a Google Wallet Merchant Account:

1. **Sign in** to your Google Play Developer Console at
2. <https://play.google.com/apps/publish/>.
3. Open **Financial reports** on the side navigation.
4. Click **Setup a Merchant Account now**.



This takes you to the Google Wallet site; you'll need information about your business to complete this step.

Explore the Developer Console

When your registration is verified, you can sign in to your Developer Console, which is the home for your app publishing operations and tools on Google Play.

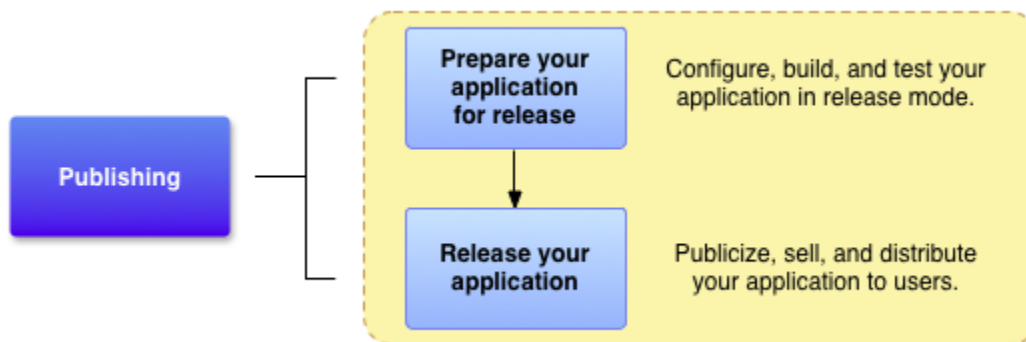


The screenshot shows the Google Play Developer Console interface. At the top, there's a header with the Google Play logo, 'Developer Console', a search bar, and user information like '@gmail.com', 'Sign out', and a 'Give us feedback' button. On the left, a sidebar contains navigation links: 'All applications', 'Financial reports', 'Settings', and 'Announcements'. The main area is titled 'ALL APPLICATIONS' with a '+ Add new application' button. Below this is a table listing applications. The table has columns for App Name, Price, Active / Total Installs, Avg. Rating / Total #, Crashes & ANRS, Last Update, and Status. Two applications are listed: 'Animal Translator 1.1' and 'Earthquake! 3.8'. The first application is free, has 12,078 active and 185,410 total installs, a 3.29 rating from 566 reviews, no crashes or ANRS, was last updated on Apr 21, 2010, and is published. The second application is also free, has 71,426 active and 785,829 total installs, a 4.15 rating from 6,212 reviews, no crashes or ANRS, was last updated on Feb 1, 2013, and is published. The page number 'Page 1 of 1' is at the bottom right.

APP NAME	PRICE	ACTIVE / TOTAL INSTALLS	AVG. RATING / TOTAL #	CRASHES & ANRS	LAST UPDATE	STATUS
 Animal Translator 1.1	Free	12,078 / 185,410	★ 3.29 / 566		Apr 21, 2010	Published
 Earthquake! 3.8	Free	71,426 / 785,829	★ 4.15 / 6,212		Feb 1, 2013	Published

➤ Preparing for Release

Before you distribute your Android application to users you need to prepare it for release. The preparation process is a required [development task](#) for all Android applications and is the first step in the publishing process (see figure 1).



When you prepare your application for release, you configure, build, and test a release version of your application. The configuration tasks are straightforward, involving basic code cleanup and code modification tasks that help optimize your application. The build process is similar to the debug build process and can be done using JDK and Android SDK tools. The testing tasks serve as a final check, ensuring that your application performs as expected under real-world conditions. When you are finished preparing your application for release you have a signed .apk file, which you can distribute directly to users or distribute through an application marketplace such as Google Play.

This document summarizes the main tasks you need to perform to prepare your application for release. The tasks that are described in this document apply to all Android applications

regardless how they are released or distributed to users. If you are releasing your application through Google Play, you should also read [Publishing Checklist for Google Play](#) to be sure your release-ready application satisfies all Google Play requirements.

Publishing is the general process that makes your Android applications available to users. When you publish an Android application you perform two main tasks:

- You prepare the application for release.

During the preparation step you build a release version of your application, which users can download and install on their Android-powered devices.

- You release the application to users.

During the release step you publicize, sell, and distribute the release version of your application to users.

Usually, you release your application through an application marketplace, such as [Google Play](#). However, you can also release applications by sending them directly to users or by letting users download them from your own website.

Figure 1 shows how the publishing process fits into the overall Android [application development process](#). The publishing process is typically performed after you finish testing your application in a debug environment. Also, as a best practice, your application should meet all of your release criteria for functionality, performance, and stability before you begin the publishing process.

