


Debugging a Running Application

Besides debugging an Android application by [initiating a debugging session](#), you can apply the debugger to an already running application. You can do it in two ways:

- [Attaching the Debugger to a Running Process](#)
- [Starting a run configuration without deploying a package and launching an activity](#)


Attaching the Debugger to a Running Process

1. On the toolbar, click the **Attach debugger to Android process** button .
2. In the **Choose Process** dialog box that opens, select the relevant process from the list. The dialog box shows all the currently active processes grouped by devices they are running on.

Starting a run configuration without deploying a package and launching an activity

You can launch a debugging session according to a debug configuration with neither a package to deploy nor an activity to launch. Debugging will be targeted against an already running activity.

For general information about run/debug configurations, see [Creating and Editing Run/Debug Configurations](#).

1. To start creating an Android run configuration, choose **Run | Edit Configuration** on the main menu. Alternatively press `Shift+Alt+F10` and choose **Edit Configuration** from the pop-up menu.
2. Click the **Add New Configuration** button  on the toolbar and choose **Android** from the pop-up list.
3. On the [Run/Debug Configuration: Android](#) page that opens, specify the configuration name and choose the module to apply the current configuration to.
4. Choose **Do not deploy anything** in the **Packages** area to suppress uploading data to the device and then choose **Do not launch activity** in the **Activity** area.
5. In the **Target Device** area, specify the device to launch the application on or appoint the method for choosing this device. See [Creating an Android Run/Debug Configuration](#) for more information.

See Also

Concepts:

- [Running, Debugging and Testing](#)


Procedures:

- [Debugging with Logcat](#)
- [Android](#)

Reference:

- [Android Reference](#)

External Links:

- <http://blogs.jetbrains.com/idea/2011/05/new-in-105-attach-debugger-to-a-running-android-process/> 

Web Resources:

- [Developer Community](#) 

