


# Managing Virtual Devices

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[Virtual devices](#) are used for running and debugging applications intended for *Android* mobile phones.

With IntelliJ IDEA, you can create a virtual device either when [creating a run/debug configuration](#) or when selecting a device manually during a [run or debug](#) session.


## To configure a virtual device when creating an android run/debug configuration

1. Start [creating a run/debug configuration](#).
2. Clear the **Choose Target Device Manually** check box and click the **Browse** button  next to the **Prefer Android Virtual Device for Deployment** drop-down list.
3. In the **Select Android Virtual Device** dialog box that opens click the **Create** button.
4. In the **Create Android Virtual Device** dialog box that opens specify the name of the device and the build target, which determines the Android platform to have the application built against. Optionally specify the skin to control the screen dimensions and the SD card to use.

## To create a virtual device during a run or debug session

1. Select the desired [run/debug configuration](#) with manual virtual device creation enabled.
2. Start a [run](#) or [debug](#) session.
3. In the **Choose Device** dialog box that opens click the **Launch Emulator** button.
4. In the **Select Android Virtual Device** dialog box that opens click the **Create** button.
5. In the **Create Android Virtual Device** dialog box that opens specify the name of the device and the build target to use. Optionally specify the skin to control the screen dimensions and the SD card to use.
6. Click **OK**, when ready. The **Select Android Virtual Device** dialog box opens, where the new device is added to the list.

## To remove a virtual device

1. Open the desired [a run/debug configuration](#).
2. Click the **Browse** button  next to the **Prefer Android Virtual Device for Deployment** drop-down list.
3. In the **Select Android Virtual Device** dialog box, select the desired device and click the **Remove** button.

## See Also

### Concepts:

- [Run/Debug Configuration](#)

### Procedures:

- [Creating an Android Run/Debug Configuration](#)
- [Creating and Editing Run/Debug Configurations](#)

### Reference:

- [Run/Debug Configuration: Android Application](#)

### Web Resources:

- [Developer Community](#)

