Becoming a Pro

IN Mobile Applications Testing

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Overview: *Mobile APPS*

- Categories
- Types
- Distribution/Installation/Logs
- Mobile Test Industry Standards
- Remote Device Access (RDA)
- Emulators
- Simulators
- Troubleshooting Guide
- App Risk Analysis

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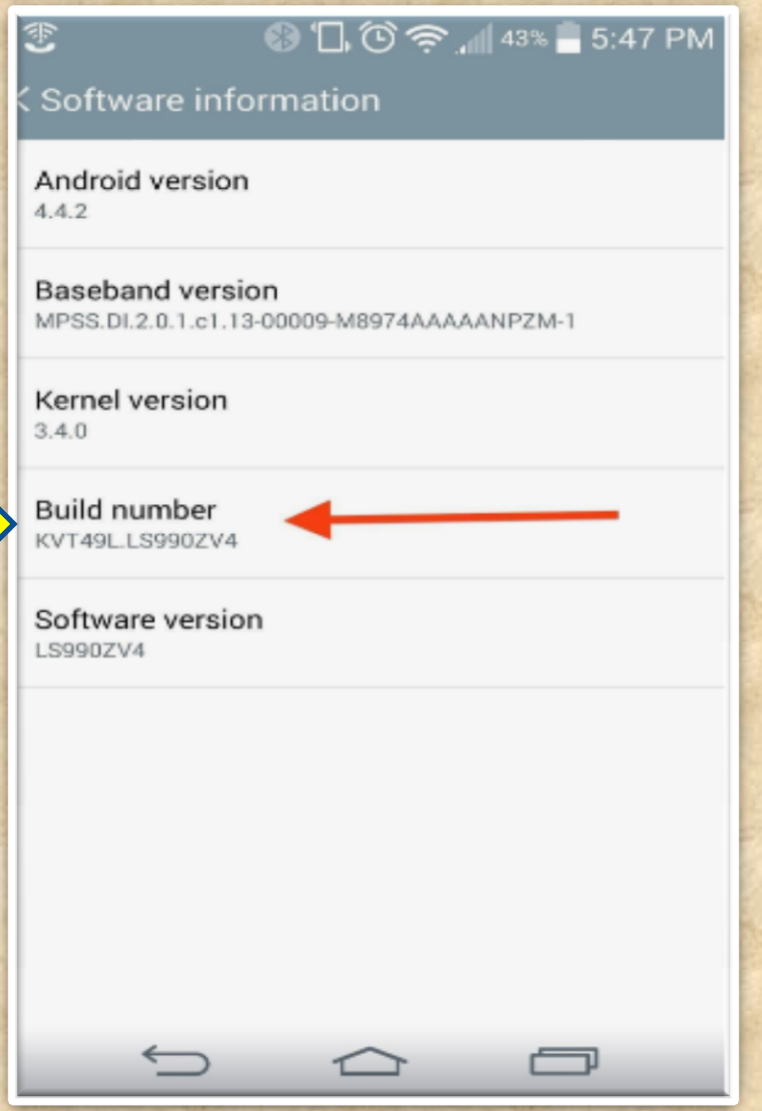
Mobile APPS: Distribution/Installation/Logs

How to enable Developers Options ?

1. Enable **USB debugging** in the device system settings, under **Developer options**.

2. To make it visible, go to **Settings** > **About phone** and tap **Build number seven times.**

3. Return to the previous screen to find **Developer options** at the bottom.



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Mobile APPS: Distribution/Installation/Logs

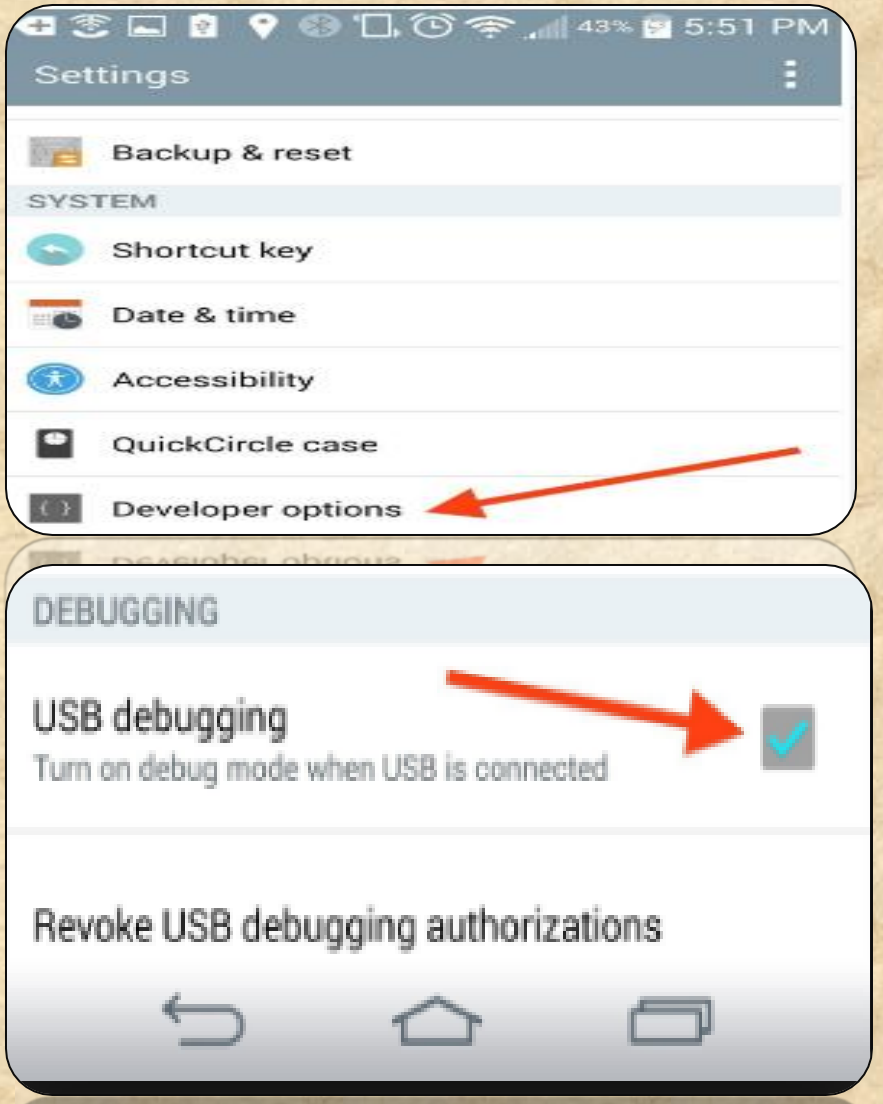
(contin.)How to enable Developers Options ?

Open Developers Options

Check the box **USB debugging**.

This setting will allow you to connect your device to your computer, then issue fastboot commands via ADB.

This is useful for rooting, unlocking bootloaders, installing recoveries, and a ton more.



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Mobile APPS: Distribution/Installation/Logs

Do I have a correct USB Configuration on my Device?

Open Developers Options

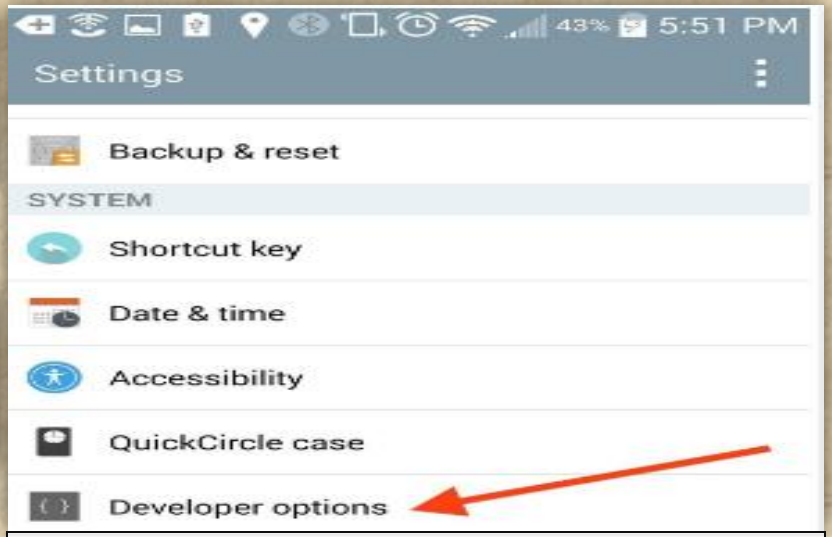
Tap on “Select USB Configuration” Menu

.

Make sure it’s set to MPT

(Media Transfer Protocol)

Having a problem with your PC detecting your Device? This might be a solution.



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Mobile APPS: Distribution/Installation/Logs

How to make your device "Authorized" in Android Studio ?

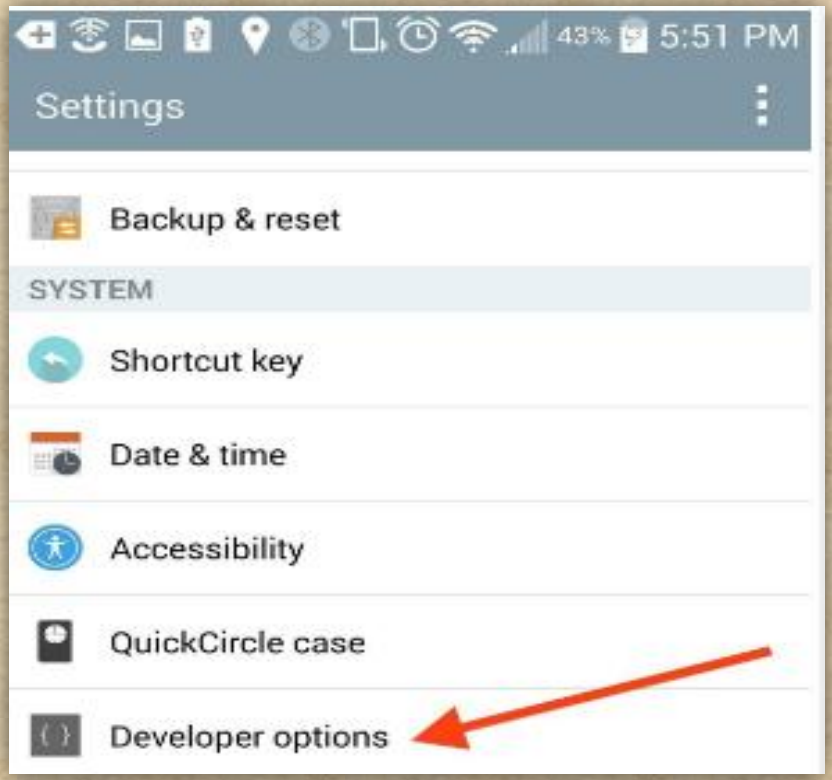
Open Developers Options

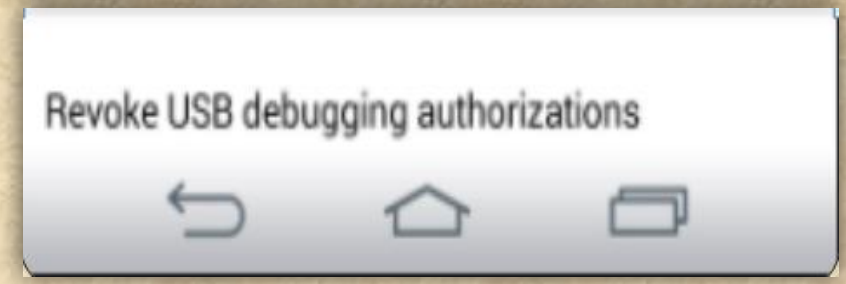
Tap on
"Revoke USB Debugging Authorization"

Tap OK when message pops up
"revoke access to USB debugging..."

Disconnect and then connect USB cable to your PC/Laptop

Sometime you will need to turn off and back ON Developers Options menu (don't forget to check USB debugging box again)





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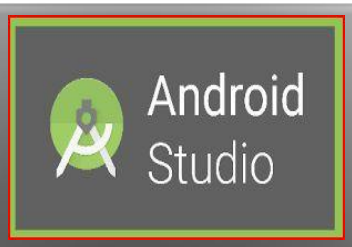

What is
Android Studio?

Android Studio is the official integrated development environment (IDE) for **Android** platform development.

The official language for Android development is **Java**. Large parts of Android are written in **Java** and its APIs are designed to be called primarily from **Java**.

It is possible to develop C and C++ apps using the Android Native Development Kit (NDK), however it isn't something that Google promotes.

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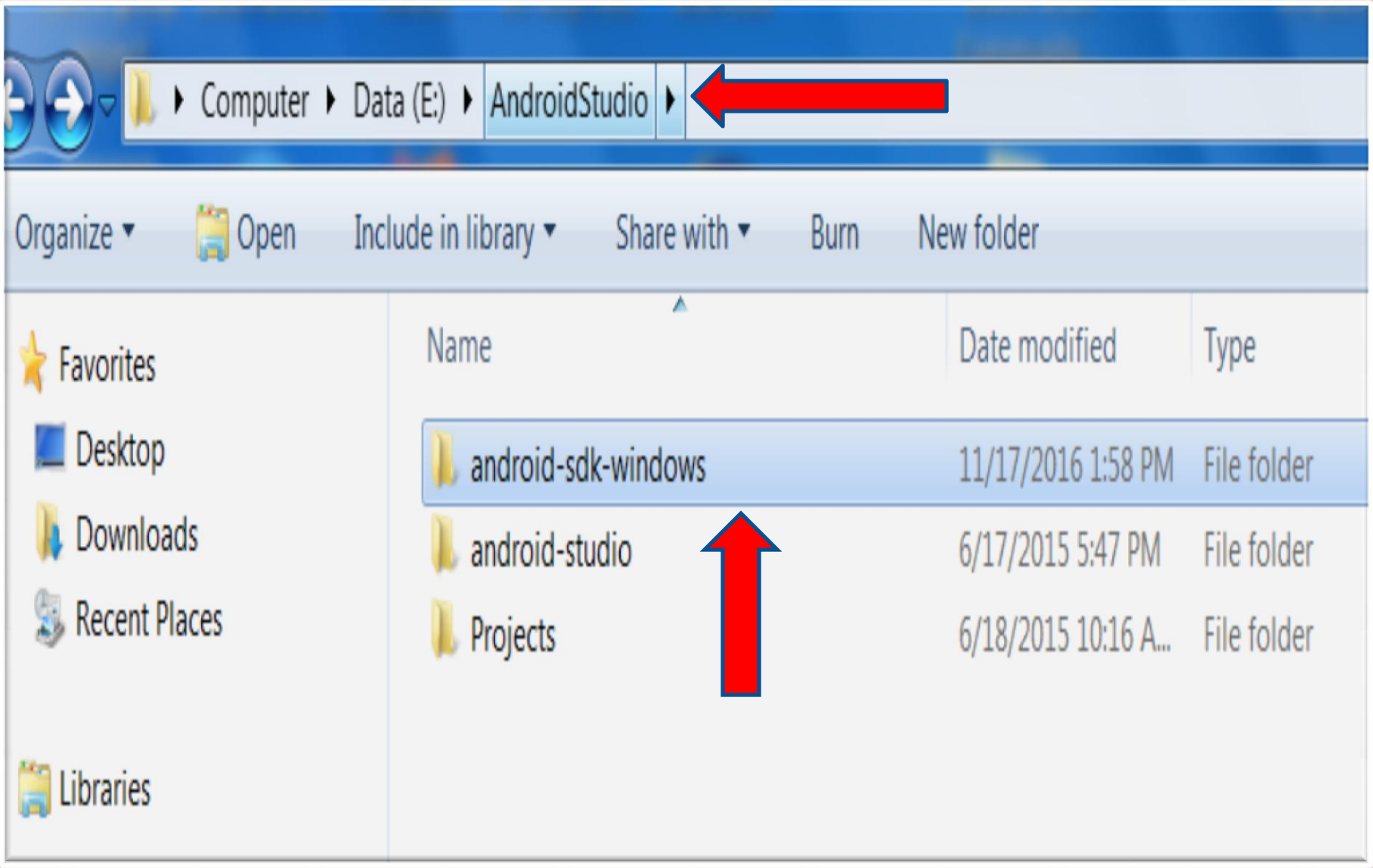

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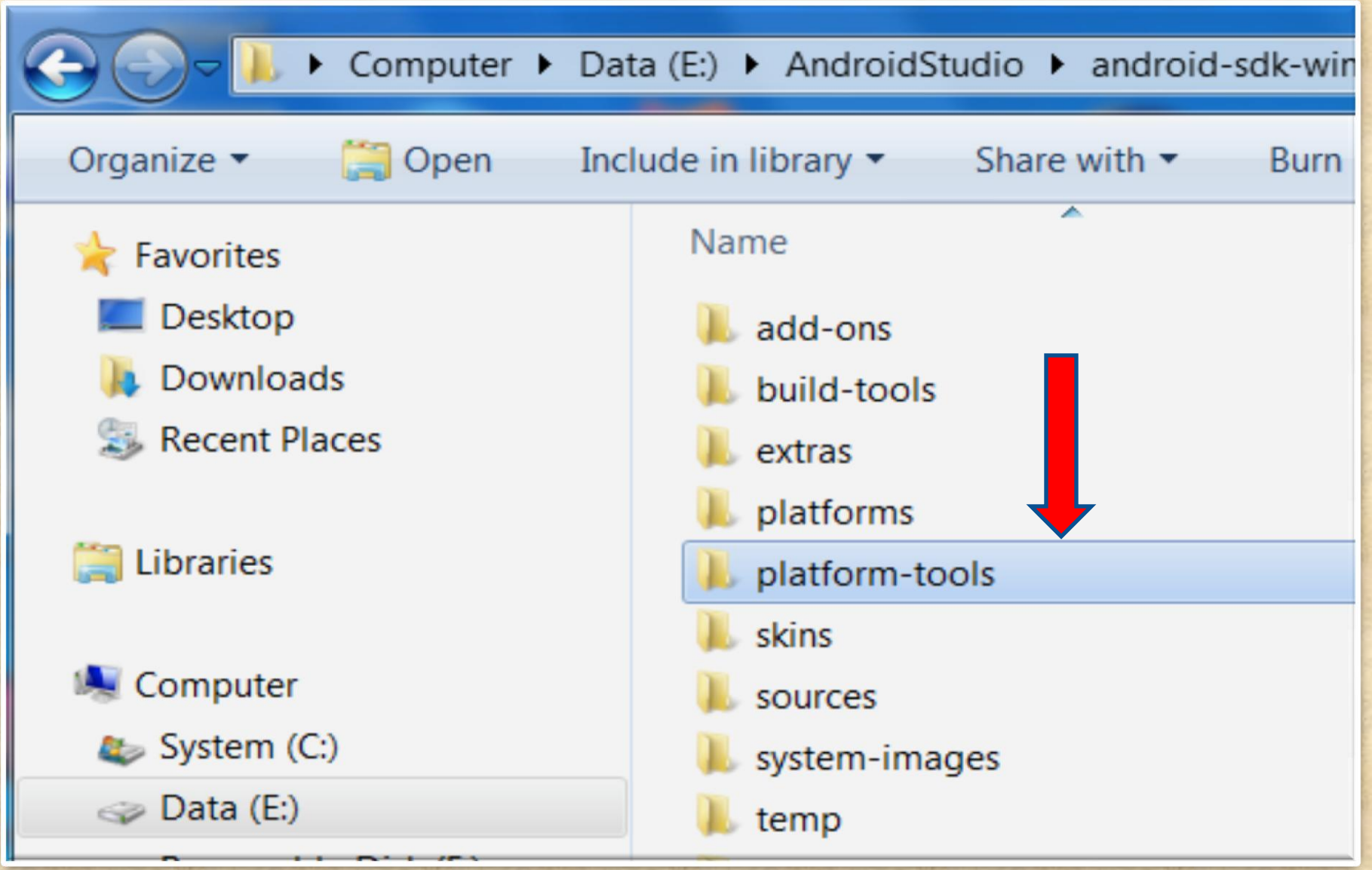

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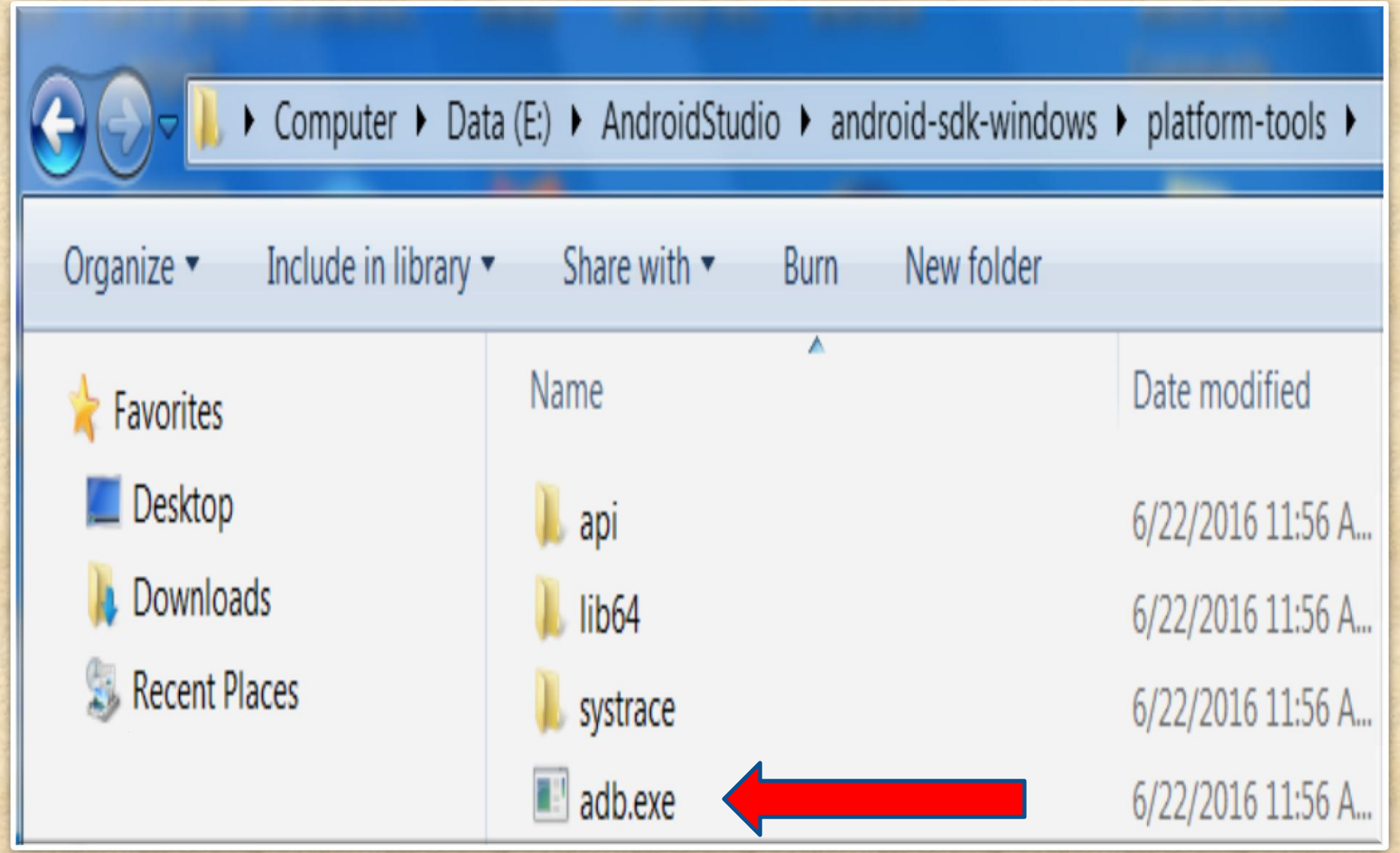

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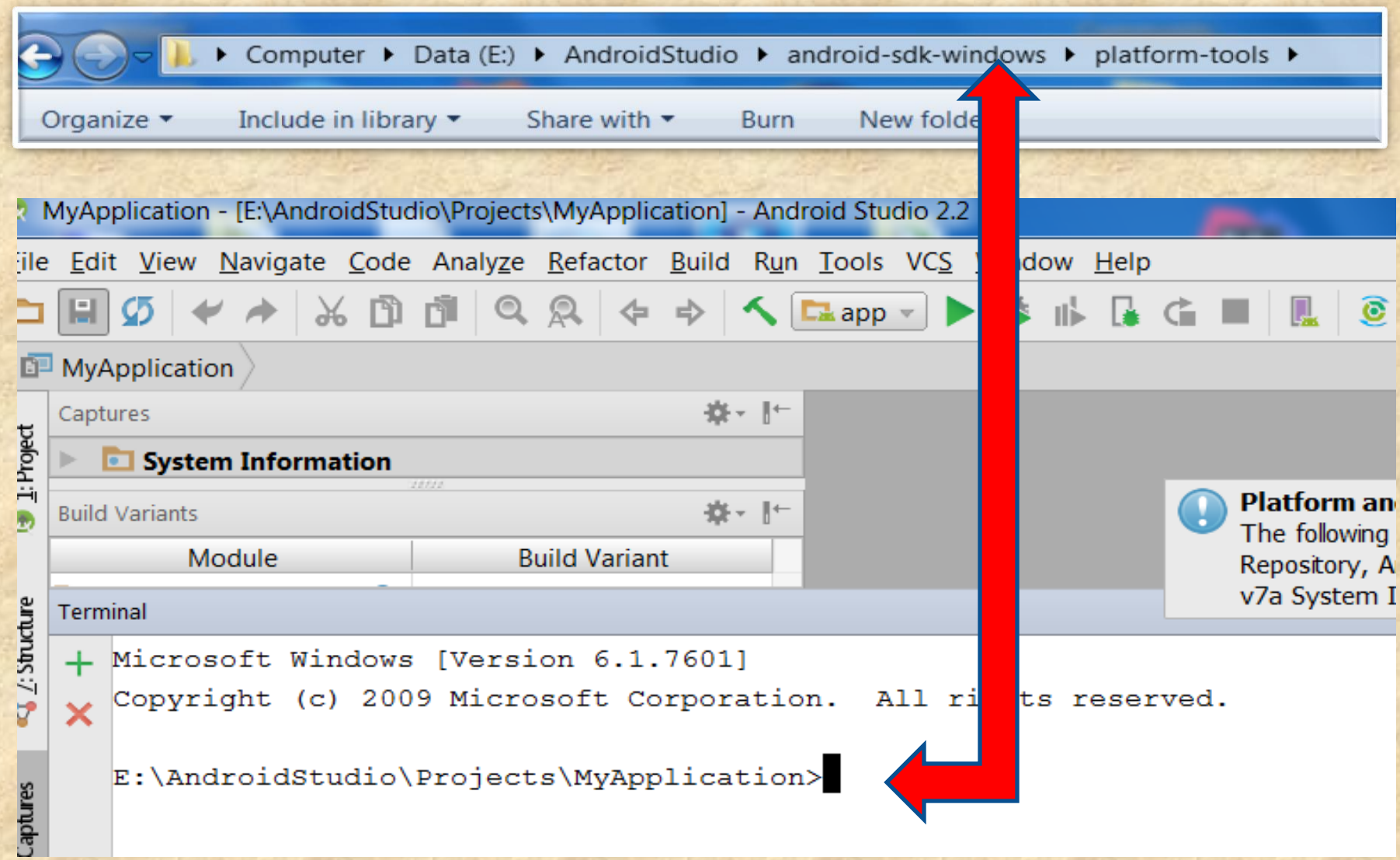

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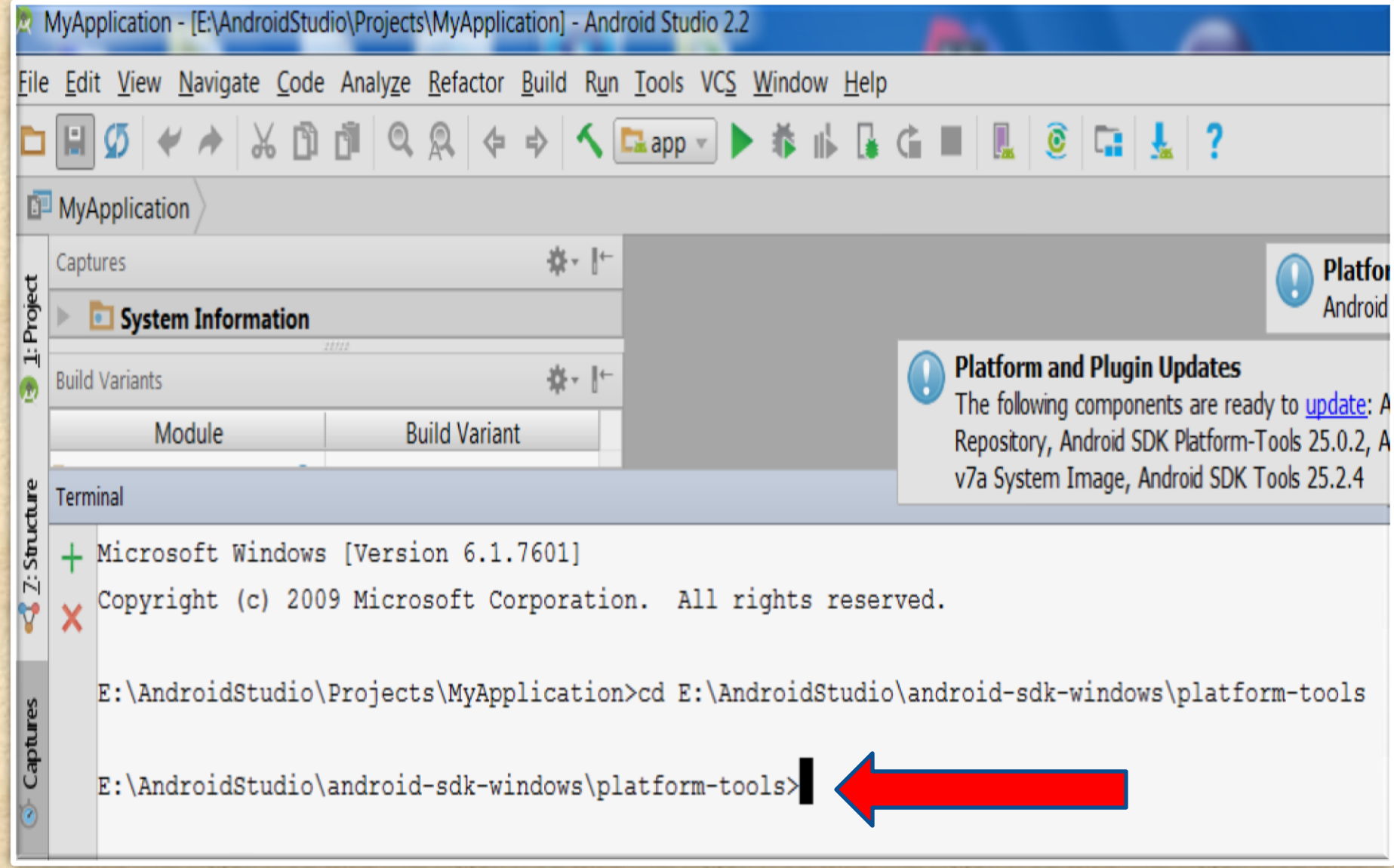

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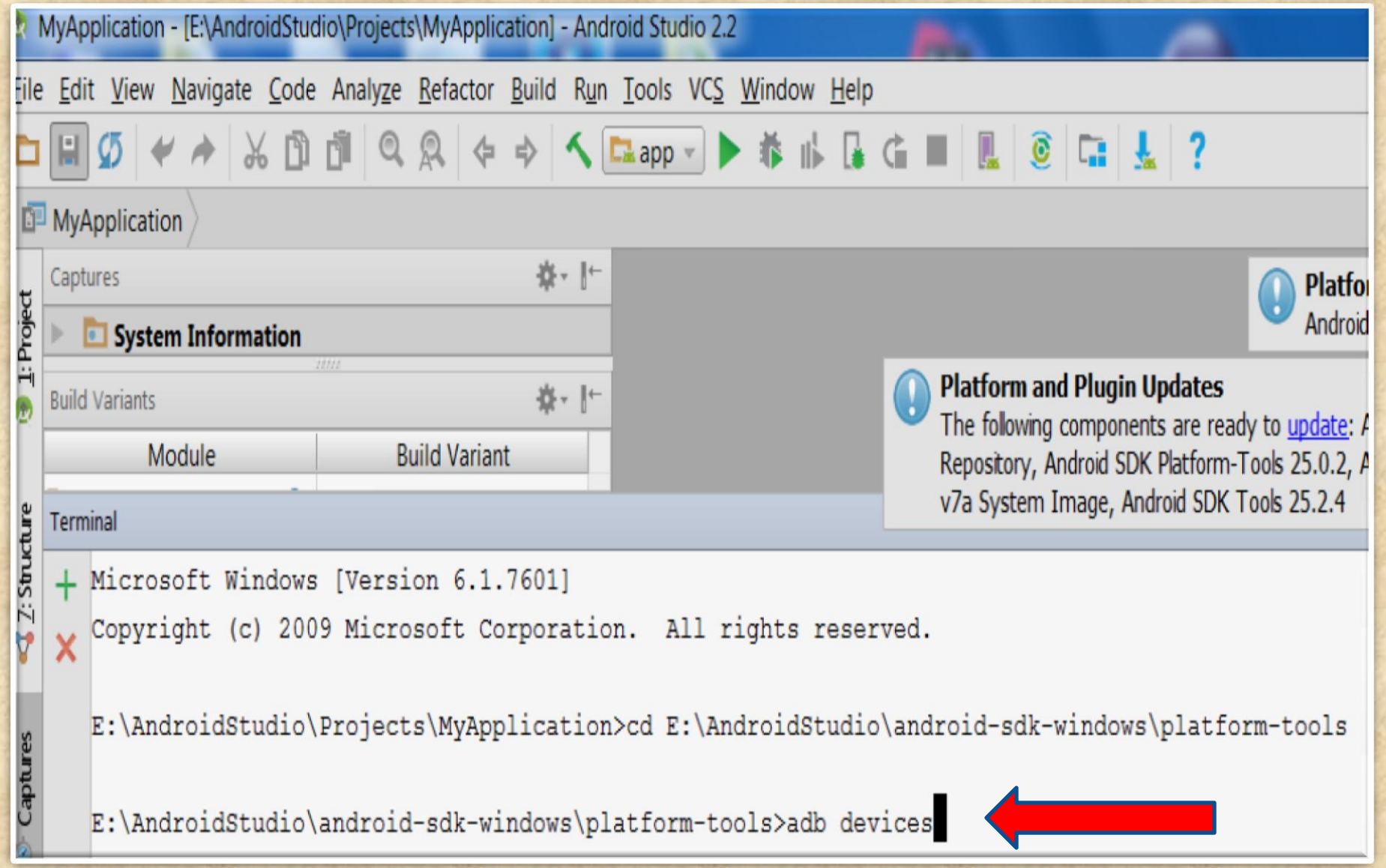

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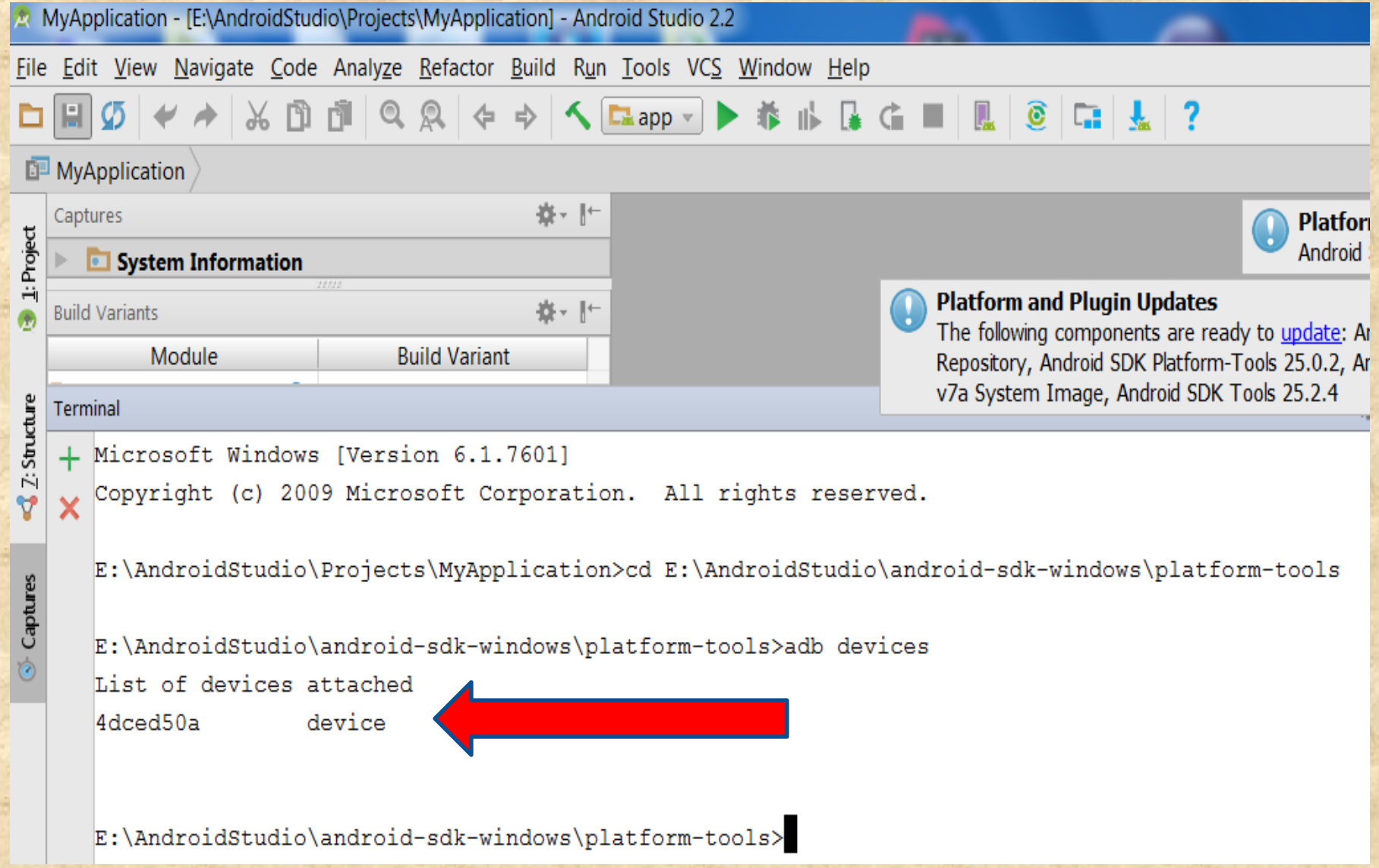

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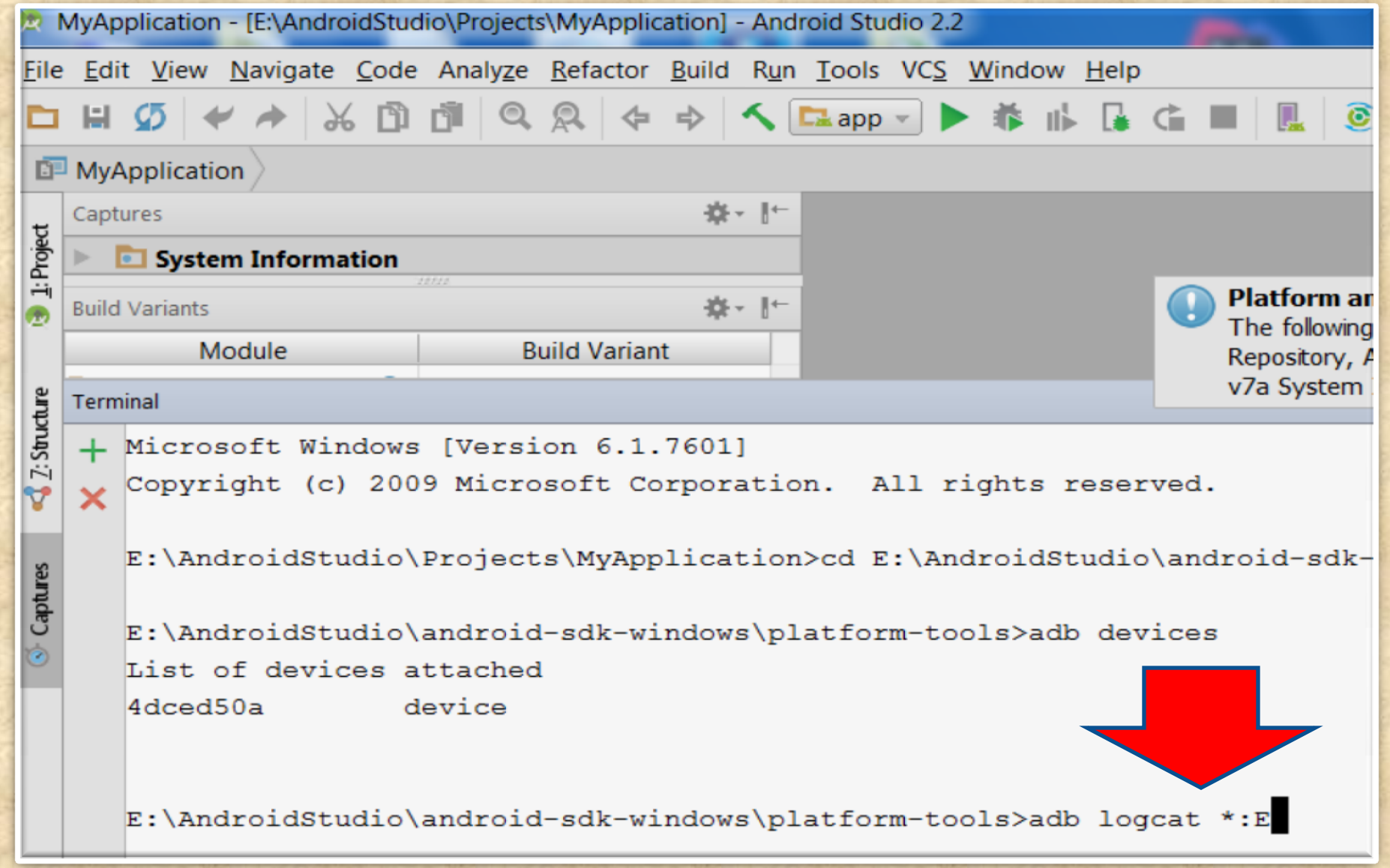

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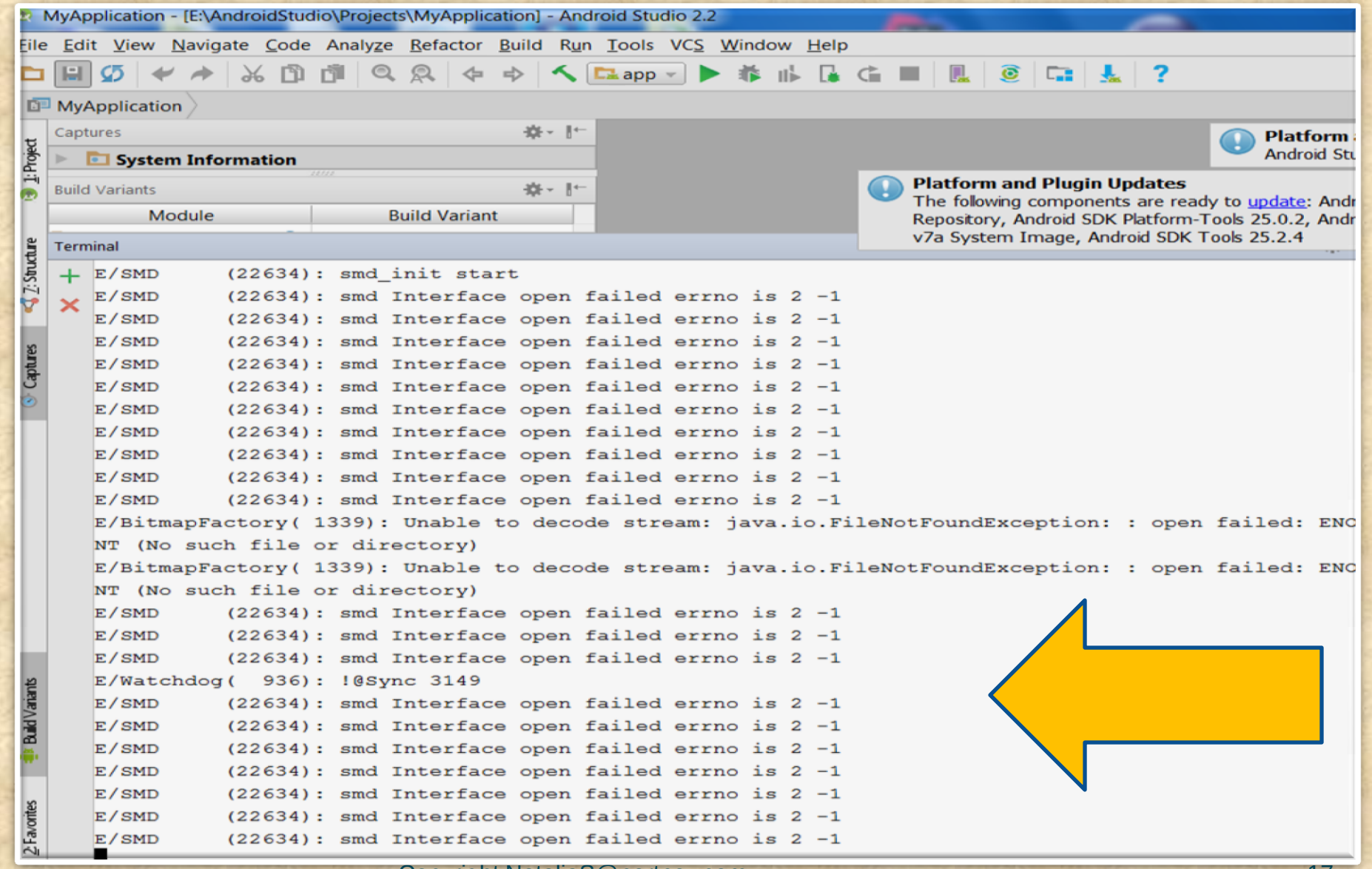

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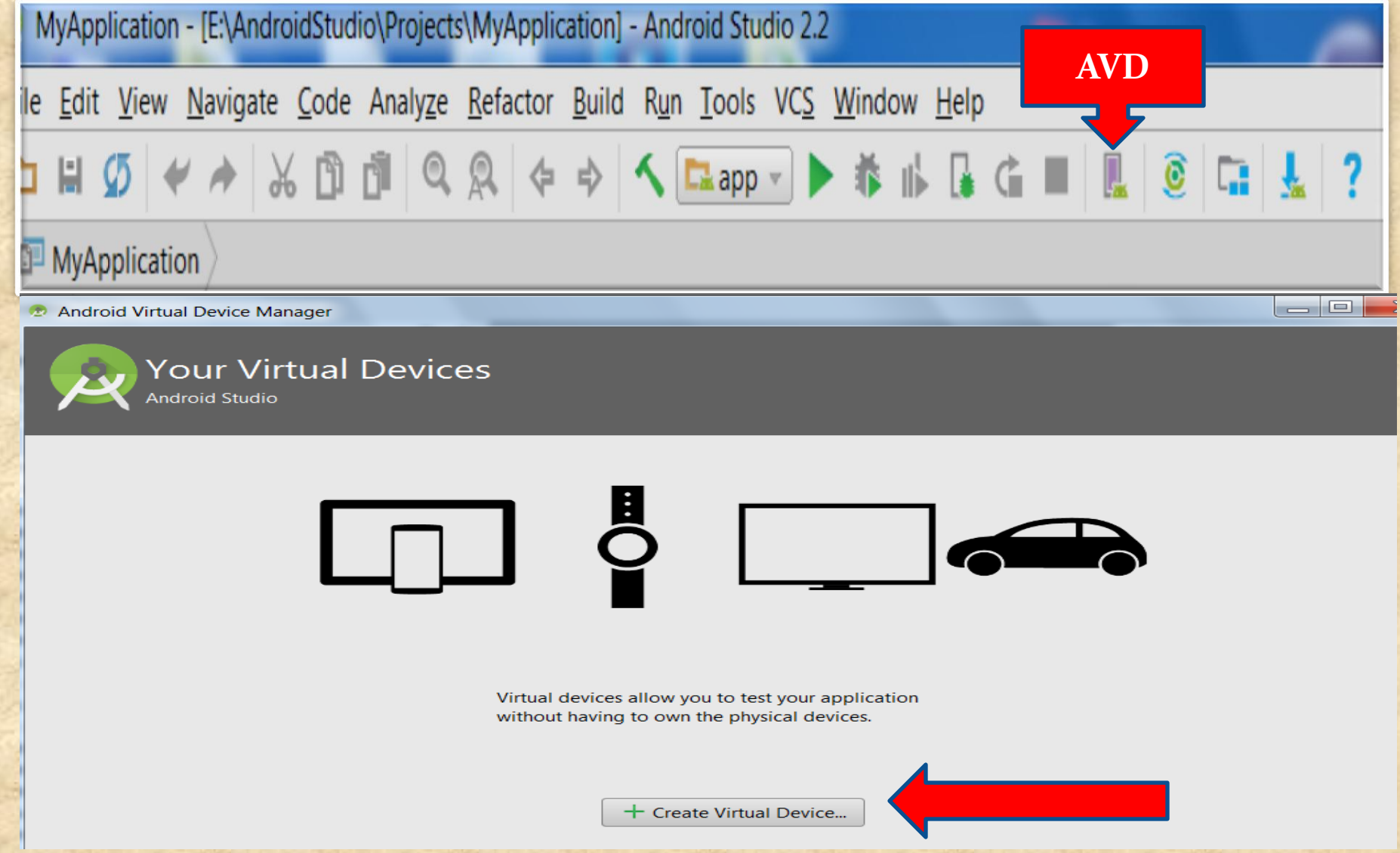

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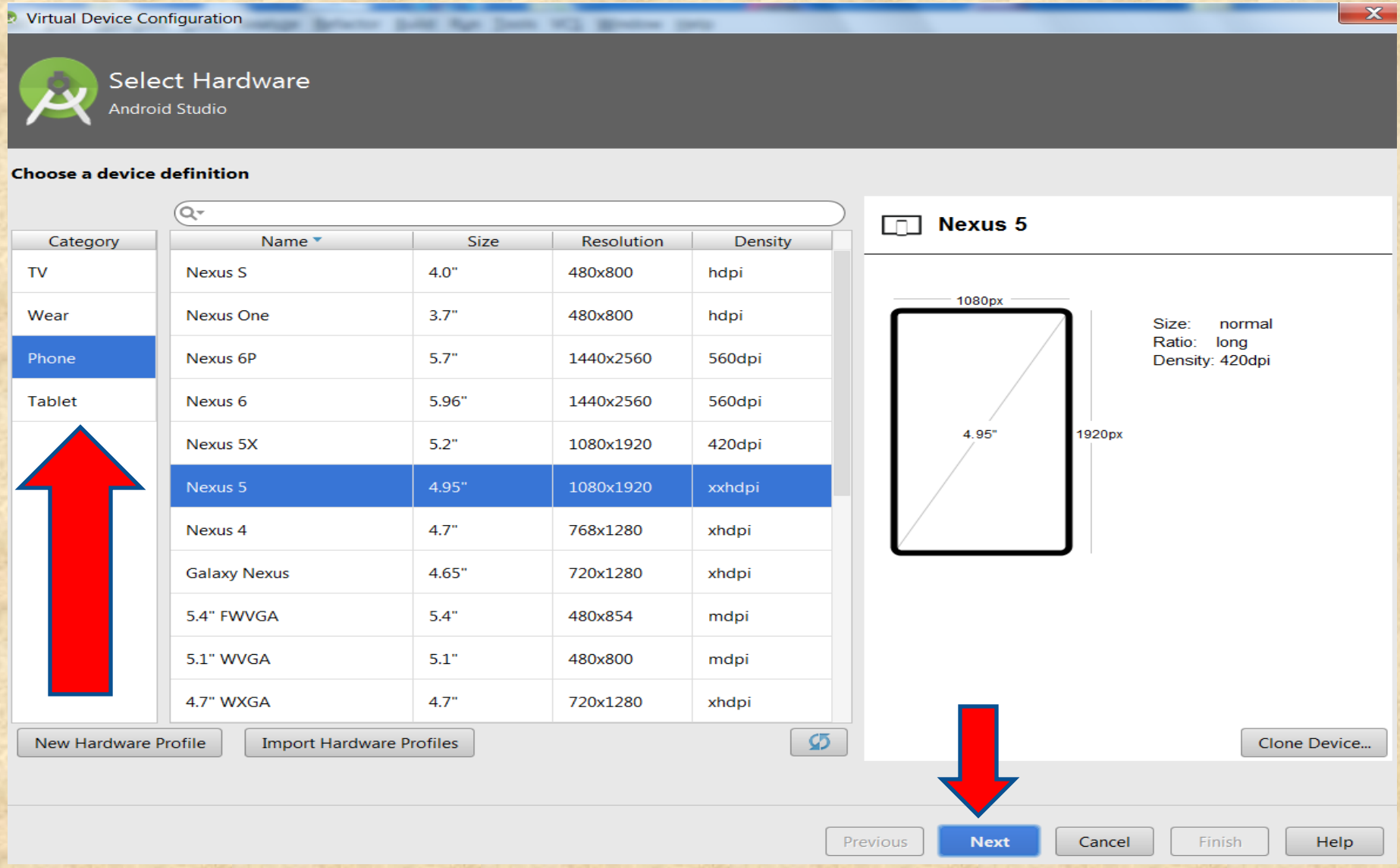

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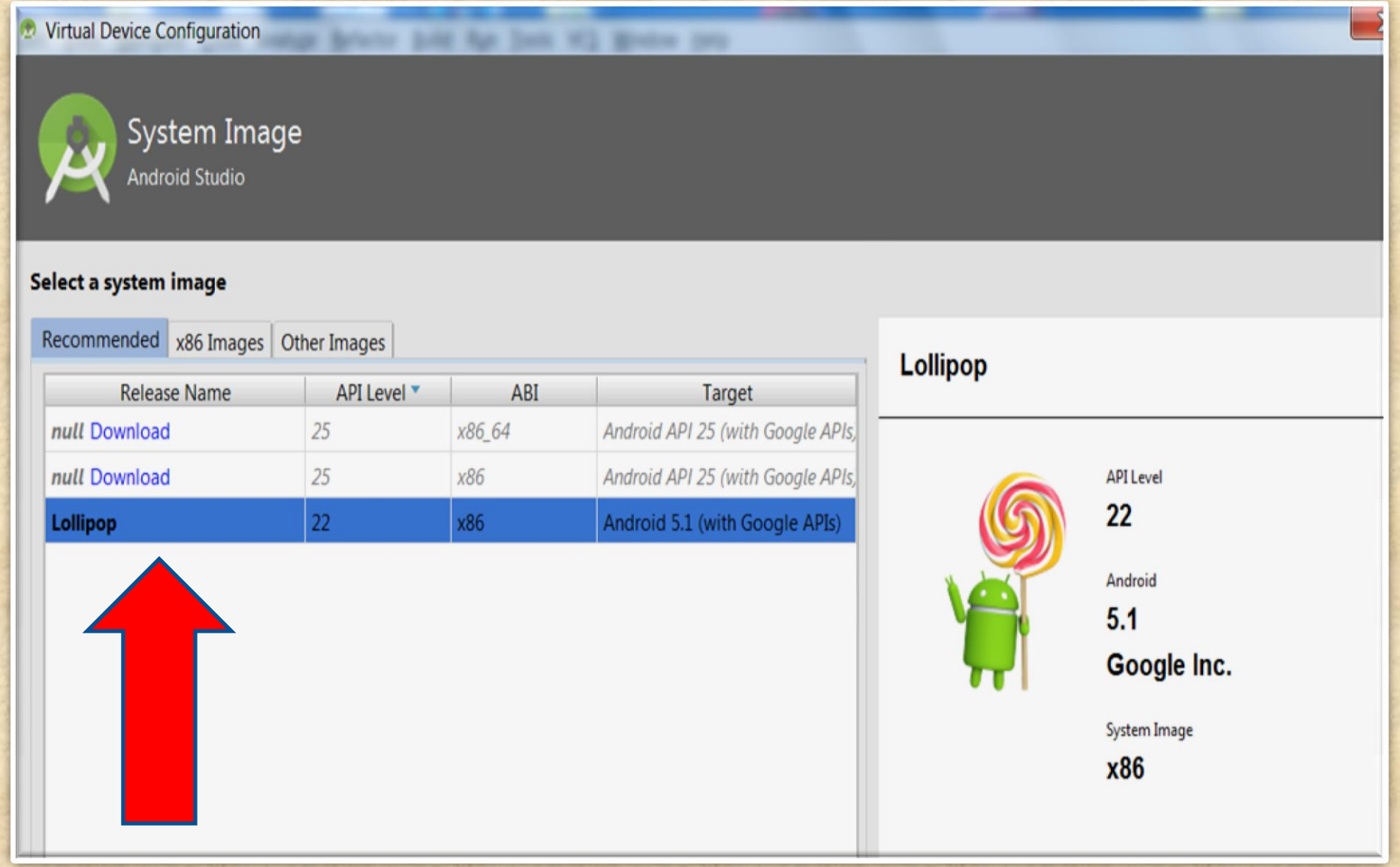

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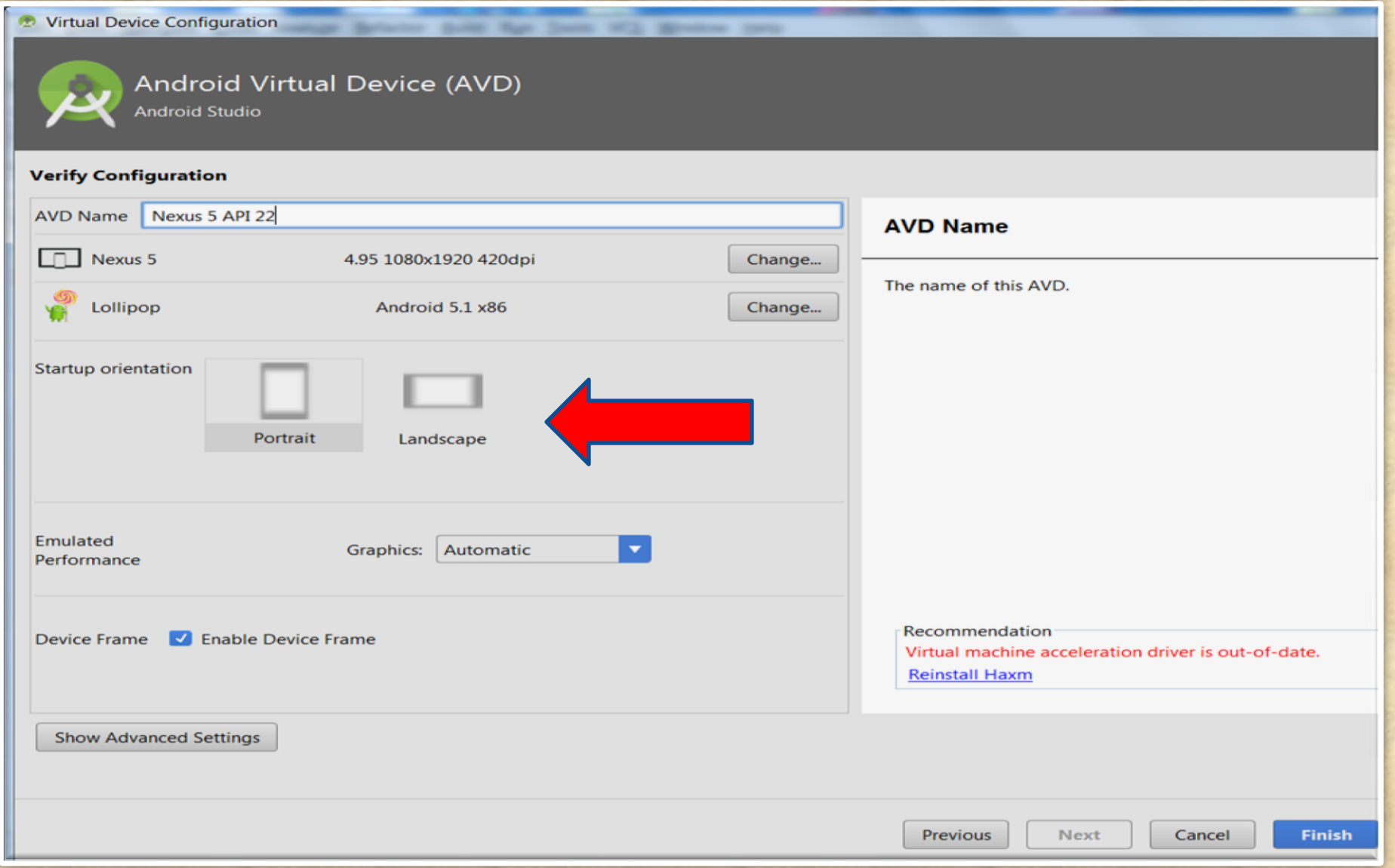

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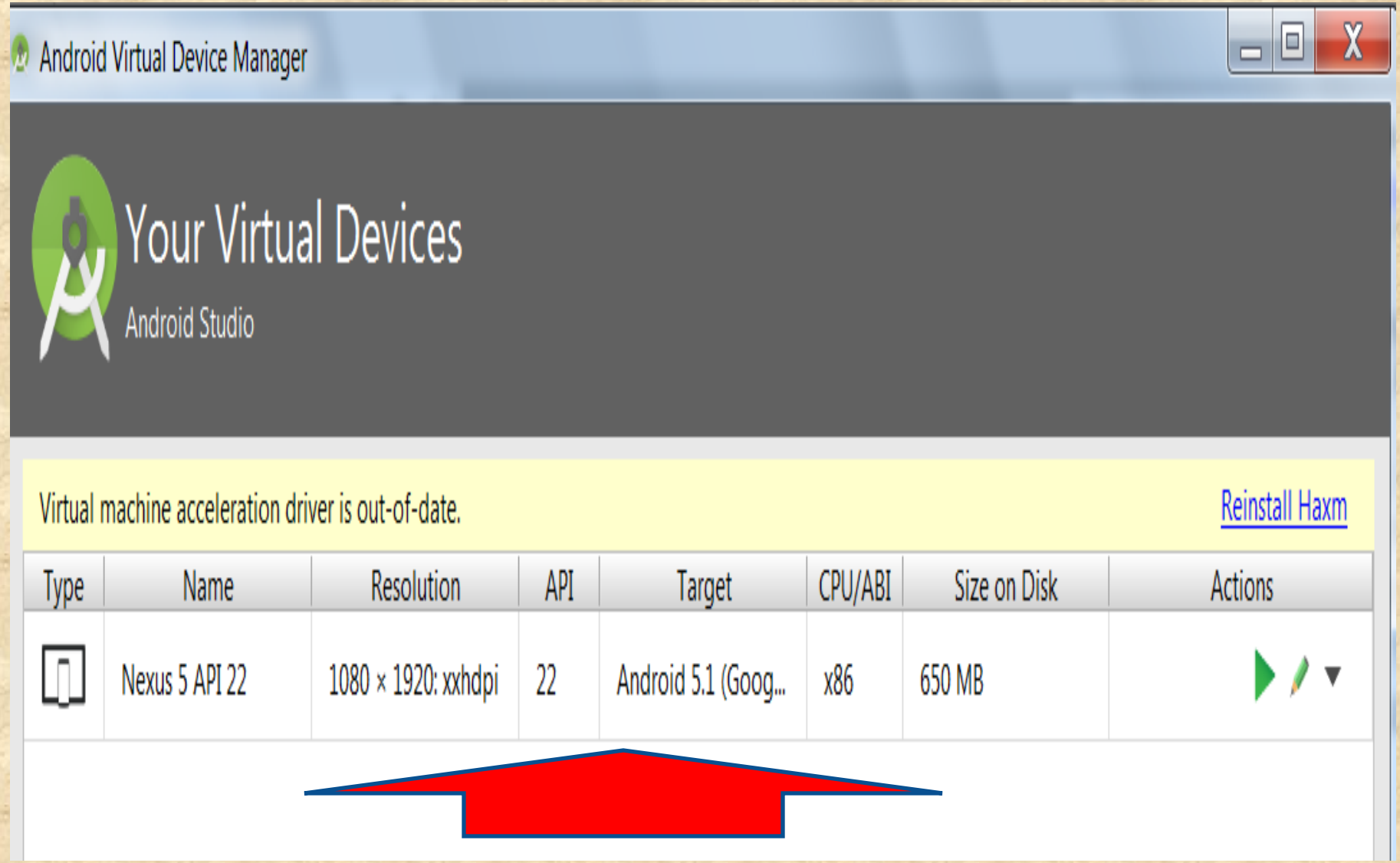

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