

Pairing the Galaxy Watch with Android Studio

To access your watch data on the Orbio website, you will need to create and install a data collection application on the Galaxy Watch. For this, you have to pair the Galaxy Watch with Android Studio on your PC via Wifi. Follow the instructions below carefully.

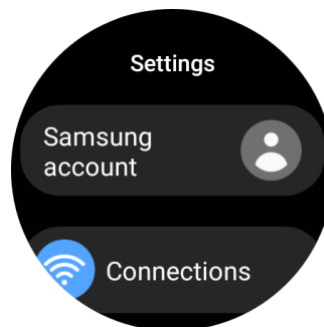
Important:

- For this to work, you will need to **connect the Smartwatch and your PC both to the same Wifi (!)** → not having the devices on the same Wifi is the most common problem for the pairing to not work
- If you do not have a private Wifi at home, you can open a hotspot with your Smartphone and connect both your PC and the Galaxy Watch with it.
- If the smartwatch battery is too low (e.g., 10%) or too hot, the data collection app **might** be killed (happens very rarely).

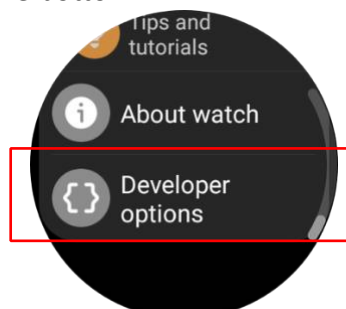
Enabling Developer Options and connecting Android Studio via Wifi

The next step is to enable developer options on the Smartwatch in order to be able to install apps via Android Studio. Please follow the instructions below:

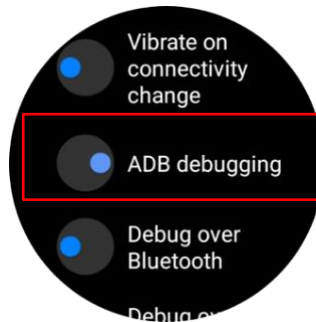
1. Open Settings page on the watch:



2. Open **Developer options** at the bottom:



3. Enable ADB debugging:



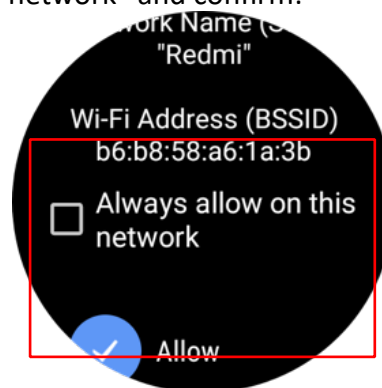
4. Enable Debug over Wi-Fi:



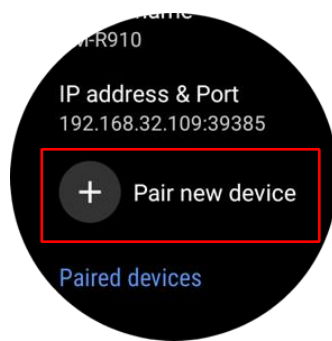
5. Go to wireless debugging and enable it:



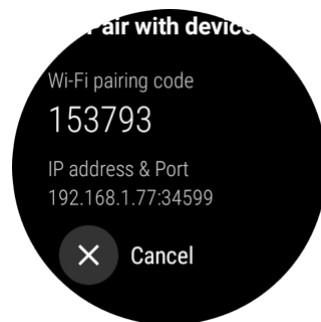
6. Select “always allow on this network” and confirm:



7. Go to pair new device:



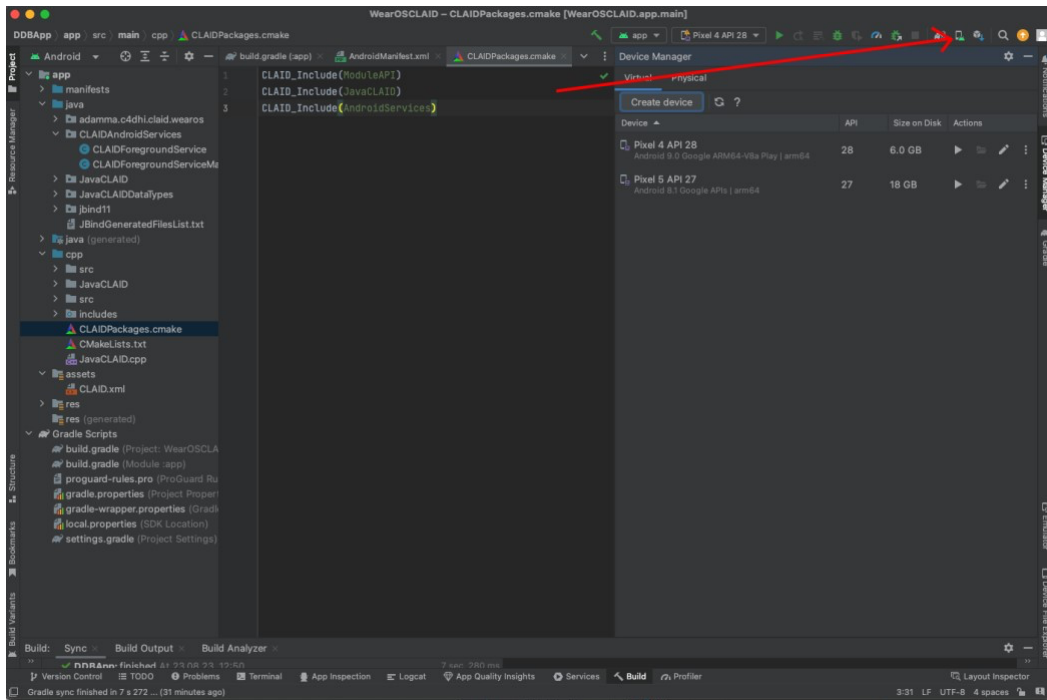
8. Verify you see the following:



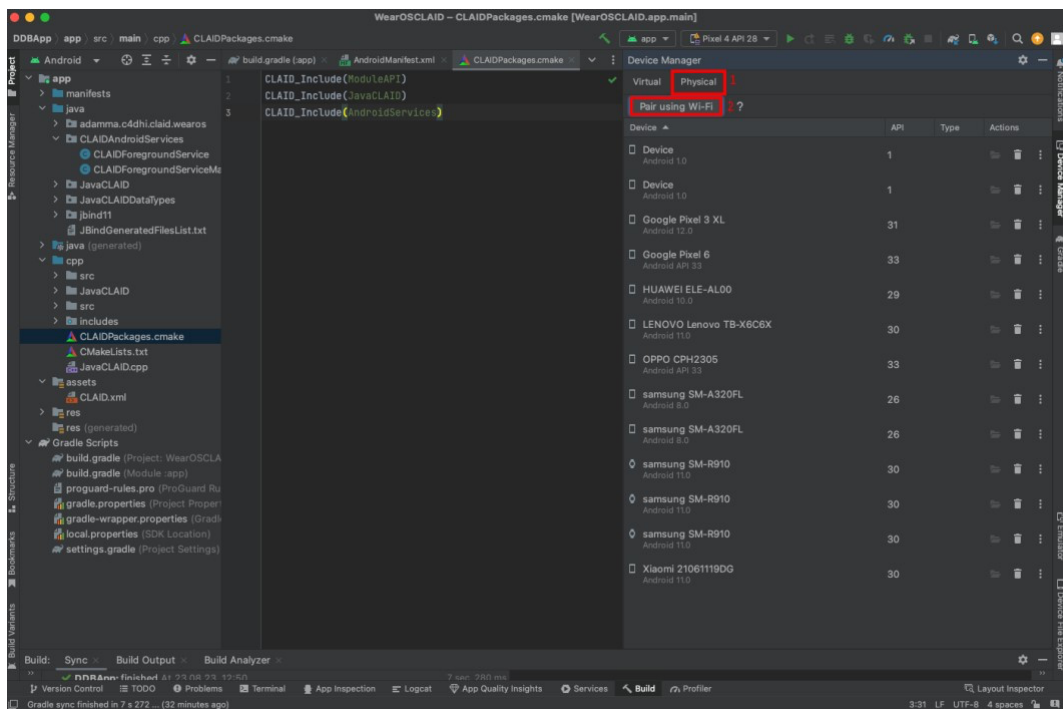
9. Leave the page on the watch open. You might want to increase the “screen timeout” time in the display settings, so that the smartwatch does not go inactive meanwhile. Now switch to Android Studio on your PC.

10. On Android Studio, open the **CLAIDWearOSApp** file that was previously downloaded from the Orbio website. (You may need to unzip the file first.)

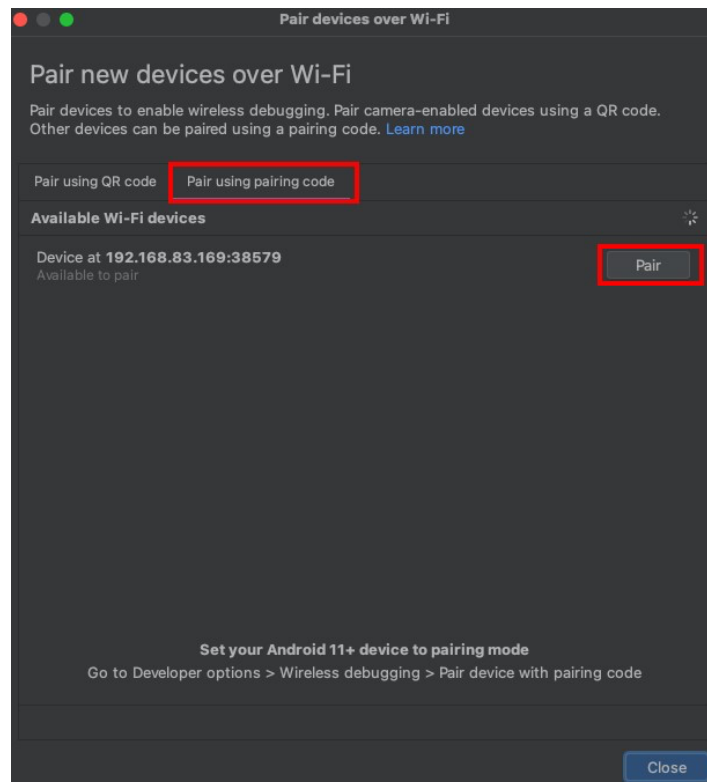
11. Open the Device Manager in Android Studio:



12. Switch to “physical” and click “Pair using Wi-Fi”:



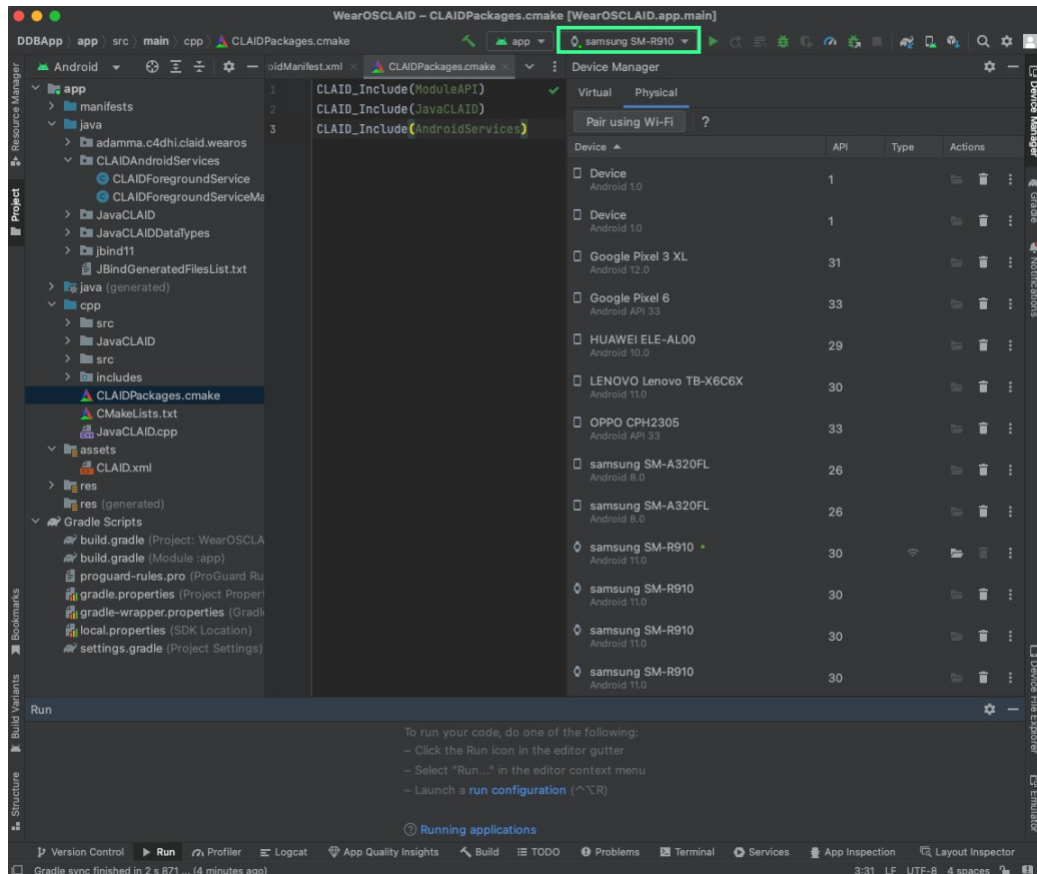
13. Switch to “Pair using pairing code”. Make sure you see the device, and the IP matches the one that you saw on the watch in step 8. Click pair:



14. Enter the 6-digit code that you saw on the watch in step 8 and click pair:



15. If successful, you can see that the Smartwatch is connected and available in Android Studio:



16. Follow the path **app/src/main/assets** and, in this assets file, upload the **JSON file** previously downloaded from the Orbio website. (It may be called **claid_config.json**.)
17. Follow the path **app/src/main/java/adamma/c4dhi/galaxy_watch_claid** and, in this **galaxy_watch_claid** file, upload the **Java file** previously downloaded from the Orbio website. (It may be called **MyApplication.java**.)
18. Click the green “Run” triangle button near the top right of the Android Studio window. Ensure that the app runs correctly!