

Setup Order

This document outlines the order in which to set up ProductChain.

Documentation files can be found here:

<https://github.com/SwinburneBlockchain/Support/tree/master/Documentation>

Mobile Applications

In order to install the mobile applications, Java JDK and Android Studio will need to be installed.

Java JDK: <http://www.oracle.com/technetwork/java/javase/downloads/index.html>

Android Studio: <https://developer.android.com/studio/index.html>

Follow setup instructions in the following files to install the mobile applications:

[Bluetooth Beacon Guide.pdf](#)

[Consumer Application Guide.pdf](#)

[Producer Application Guide.pdf](#)

Nxt Nodes

Both an offline and an online Nxt node are required. There is to be an offline node at each producer location. Alternatively, one online Nxt node can be set up, as it can also handle the same API calls the offline node is required for.

Follow the below guide:

[Nxt Nodes Guide.pdf](#)

Node.js Servers

To set up Node.js servers, follow instructions in the below documents:

[Verification Server Guide.pdf](#)

[Caching Server Guide.pdf](#)

[QR Code Server Guide.pdf](#)

There are instructions within these documents for running each server on the same Ubuntu installation if desired. This may simplify the setup process. The QR Code Server and the Caching Server require each other to be running, so if running on separate computers, run the Verification Server first, then the Caching and QR Code server at the same time.