**Xbee communication**

**This does vary basic serial not really useful**

<https://circuitdigest.com/microcontroller-projects/arduino-xbee-module-interfacing-tutorial> good guide for setup

* CH field and ID fields must be set the same on all xbee units. Use XCTU software.
* The transmitters should be labeled coordinator in the CE field
* Set baude to 9600bps

**Better guide for actual packets of data from a python script**

<https://xbplib.readthedocs.io/en/latest/user_doc/communicating_with_xbee_devices.html>

**Guide for the Arduino library for the API**

<https://github.com/andrewrapp/xbee-arduino/blob/wiki/DevelopersGuide.md>

**API documentation**

<https://www.digi.com/resources/documentation/digidocs/90001942-13/containers/cont_api_mode.htm>

**USE the Arduino library with the JAVA library (made by the same guy they probably work together)**

**Java library is throwing compile errors, there appears to be first party libraries will try those**