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RFID Lock

Overview:

Use an RFID reader to open a lock (or at least turn an LED on).

Data in:

RFID tag

Data out:

Unlocked lock

Computation:

Match the RFID tag frequency to the reader (and make sure that no other tags work).

Hardware:

Arduino

RFID Reader and Writer ([Adafruit PN532 NFC/RFID Controller Shield for Arduino + Extras](https://www.adafruit.com/products/789))

http://www.makershed.com/products/nfc-shield

Lock

Problems:

* + I will have to learn how to use that Adafruit shield
  + I will have to learn how locks work
  + I would also like to use my phone as a tag, so I will have to learn how my phone/android NFC works.