

ELE 205 Lab 4 Serial Communications

1. Examine the software serial communication examples in the Arduino:
Software serial Example and
Two Port Receive
2. Note the difference between the hardware serial (pins 0 and 1) and software serial. We need to keep the hardware ports for communications to the host PC.
3. Connect two arduinos together using software serial digital I/O and enable the sending of a line of text from each system to the other (use the connections as specified in the two port example).
4. Make sure you agree on the setup for each system so that communication happens; note that this is slow so some waiting is needed on both ends and you will need to identify the end of the text line each time.