

DISPATCH: Implementation Instructions

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- 1) Unplug all connections.
- 2) Plug Arduino into USB port. From Arduino software, upload "arduino_receive_beats_w_leds.ino"
- 3) Open up dxarts471_seattlepdbbeats.php. Change \$OLDESTDATES to be within the last day. Change \$DAY to reflect that day.
- 4) From Windows Command Prompt, cd to directory where php script is.
Run, INCLUDING QUOTES:
`"C:\Program Files\php-7.1.0-Win32-VC14-x64\php.exe" dxarts471_seattlepdbbeats.php`
Wait for program to finish.
- 5) Hook up ground (negative) from power supply to the black GND wire coming into the LEDs.
- 6) Hook up ground wire from LEDs to GND pin on Arduino.
- 7) Hook up input wire (green) from LEDs to digital pin 6 on Arduino.
- 8) Hook up 5V wire (red) from LEDs to 5V wire on power supply.
- 9) Plug in power supply.
- 10) To re-pull data from Twitter, unplug all wires starting with ground. Repeat from step 2.