MIDE Presentation (30 minutes) -- SVFIG
26Oct13 rjn

- **Overview of last presentation (5 minutes).**

  1. Briefly describe C2 programming, protocol, etc.
  2. Mention Toolstick and chip cost
  3. New dacs board coming
  4. Provide location of docs for the programmer and the current presentation (http://wwwkiblerelectronics.com)

- **Problem Statement (5 minutes)**

  1. Use the C2 programming link for tethering.
  2. Only use one Target pin - frees up one additional application pin and the normal serial port for other uses such as a standalone interpreter. Thus, tethered and standalone operation can be configured in the same application.
  3. Use a remote processor (Pi or BeagleBone Black) with the IPP to speed up programming (note serial adapter problems again).

- **Approach (5 minutes)**

  1. Implement the half-duplex link with four words: ik ie tk te
  2. Code is explained in detail on Kibler's site
  3. Host changes were minimal. Very simple interpreters for both IPP and Target

- **Implementation (15 minutes)**

  1. Host (code)
  2. IPP (code)
  3. Target (code)

- **Conclusion (5 minutes)**

  1. Future – develop dacs application for a product and project
  2. Q&A