2011 cosmic / beam test electronics firmware/software status

- LEDs should not be lit by default now.
- added command to change all DAC channels to a given single value (tested).
- added command to set arbitrary values to each of the 1,920 DAC channels necessary to run each board stack (partially tested).
- committed software for back-end readout to google code.
  - Available by running the following command:
    - `svn checkout http://idlab-daq.googlecode.com/svn/iTOP-DSP_cPCI-backend/branches/beam-test-or-bust.software`
2011 cosmic / beam test electronics hardware status

- front-front revC should arrive here today; new pins should be here tomorrow
- interconnect revB should arrive here today (with greater thermal contact to sidewalls and better ability to let a cat7 cable plug securely into SCROD)
- remaining carrier0, 1, 2, 3 boards sent out for assembly, as the failure rate for hand soldering is too high (2 of the 4 carrier boards should be back before I depart for Japan)
2011 cosmic / beam test electronics plans

- **firmware/software:**
  - add a scaler counter clear fiber command
  - add command to trigger a readout via fiber

- **hardware:**
  - bring at least 1 newly assembled board stack with me to Nagoya next week, with a new interconnect and front-front board

- **overall system:**
  - help find problems in readout firmware/software, and assist in developing toolchain for analyzing data