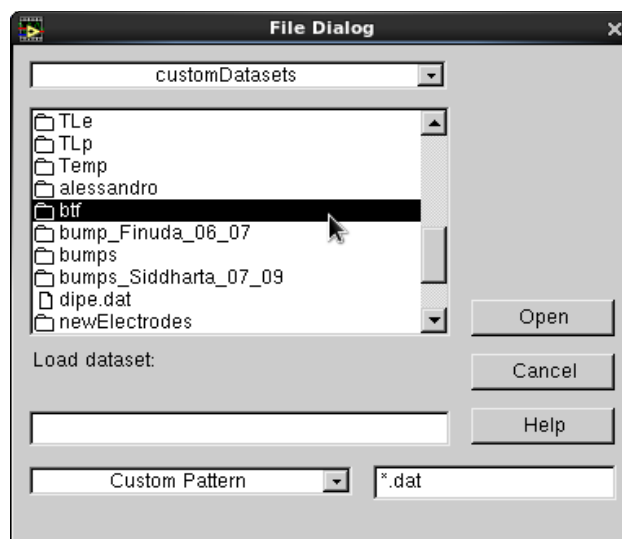


How to load current settings of BTF's magnets

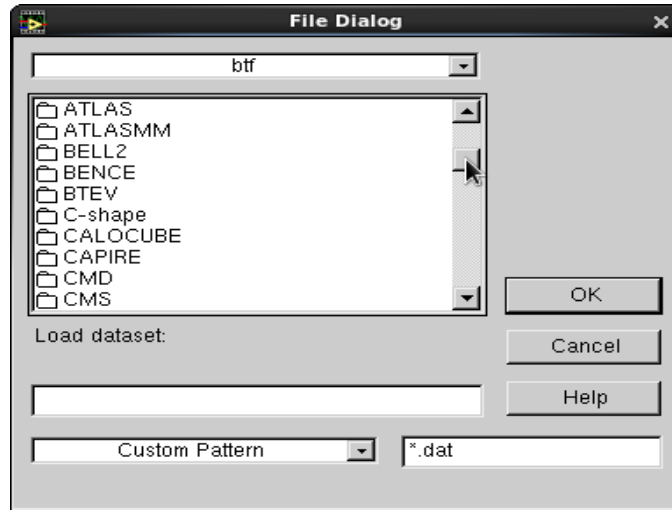
- Click on  in the Mag_Terminal;



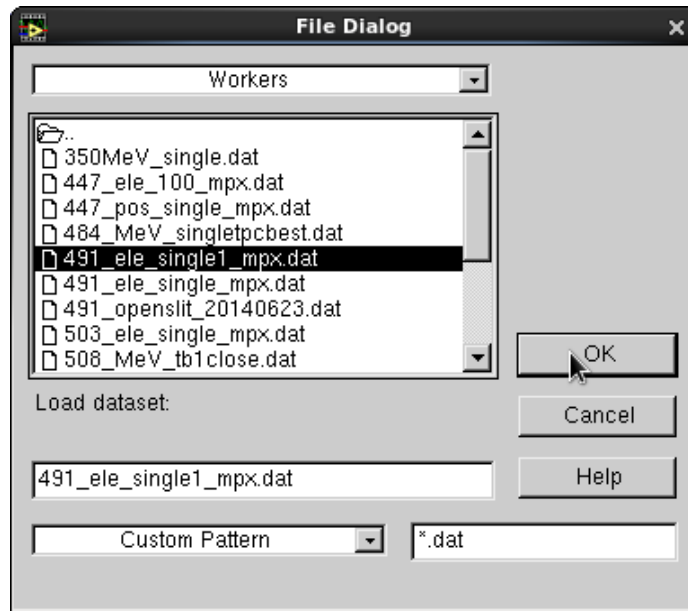
- Choose "btf" and click "Open";



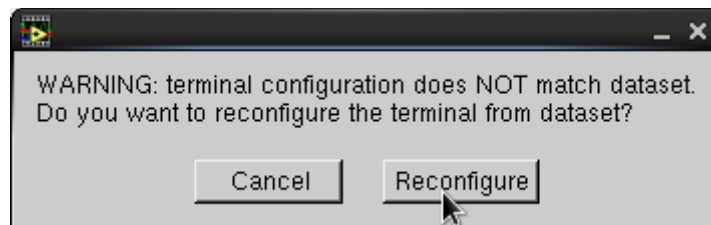
- Choose the directory of your experiment and click "OK";



- Choose the setting and click "OK";



NOTE: This window (look at the figure below) may appear: click on "Reconfigure" to reconfigure the list of magnets;



- Now you can apply the set by clicking on



WARNING

**It's allowed to apply the set only after the security procedure:
remember to call the control room and wait the RED led switched on.**

The set will be applied:

The screenshot shows a LabVIEW control interface for a beam test. The main window is titled 'dante.vi' and contains a 'Mag_Terminal_#1.vi' sub-window. This sub-window displays a table of beam elements and their readout/setting values. A 'applyDataSet_combo_3.1.vi' dialog box is overlaid on the table, with 'DHSTB001' selected as the current element. The dialog box also shows the number of tries (1), a debug counter (3), and pending elements (0). A terminal window at the bottom right displays a table of channel parameters.

| Channel Name | V0Set | I0Set | WMon | IMon | Pw | Status | Ch# |
|--------------|-----------|-----------|-----------|---------|-----|---------|---------|
| calobtf1 | 800.00 V | 500.0 uA | 0.00 V | 0.2 uA | On | 00.0000 | 00.0001 |
| prof1_x_low | 0.00 V | 300.0 uA | 0.00 V | 0.0 uA | Off | 00.0002 | 00.0003 |
| prof2_y_hi | 0.00 V | 300.0 uA | 0.00 V | 0.0 uA | Off | 00.0004 | 00.0005 |
| nu | 0.00 V | 0.0 uA | 0.00 V | 0.0 uA | Off | 00.0006 | 00.0007 |
| nu | 0.00 V | 0.0 uA | 0.00 V | 0.0 uA | Off | 00.0008 | 00.0009 |
| nu | 0.00 V | 0.0 uA | 0.00 V | 0.0 uA | Off | 00.0010 | 00.0011 |
| nu | 0.00 V | 0.0 uA | 0.00 V | 0.0 uA | Off | 02.0000 | 02.0001 |
| odoscopio | 120.00 V | 200.00 uA | 119.75 V | 0.50 uA | On | 02.0002 | 02.0003 |
| Neutron1 | 1900.00 V | 100.00 uA | 1899.25 V | 0.00 uA | On | 02.0004 | 02.0005 |
| Neutron2 | 1900.00 V | 100.00 uA | 1899.50 V | 0.00 uA | On | 02.0006 | 02.0007 |
| NU | 0.00 V | 2.00 uA | 0.00 V | 0.00 uA | Off | 02.0008 | 02.0009 |
| nu | 0.00 V | 2.00 uA | 0.00 V | 0.00 uA | Off | 02.0010 | 02.0011 |
| nu | 0.00 V | 2.00 uA | 0.00 V | 0.00 uA | Off | 02.0012 | 02.0013 |
| nu | 0.00 V | 2.00 uA | 0.00 V | 0.00 uA | Off | 02.0014 | 02.0015 |