

A workaround for the 311 lockup problem.

Problem description

Under certain conditions the sample applications may lock up the operating system when the input channel is switched.

Solution

This problem can be avoided by turning the acquisition off before switching the channels and allowing a 150 ms delay before the acquisition is restarted.

Modify the source code as following:

```
case FG_CHAN0:
case FG_CHAN1:
case FG_CHAN2:
    FrameGrabber (FG_STOP);           //add this line
    FrameGrabber (wParam);
    //check selected menu item
    CheckMenuItem (hmenu, FG_CHAN0, MF_UNCHECKED);
    CheckMenuItem (hmenu, FG_CHAN1, MF_UNCHECKED);
    CheckMenuItem (hmenu, FG_CHAN2, MF_UNCHECKED);
    CheckMenuItem (hmenu, wParam, MF_CHECKED);
    Sleep (150);                       //add this line
    FrameGrabber (FG_START);          //add this line
    break;
```