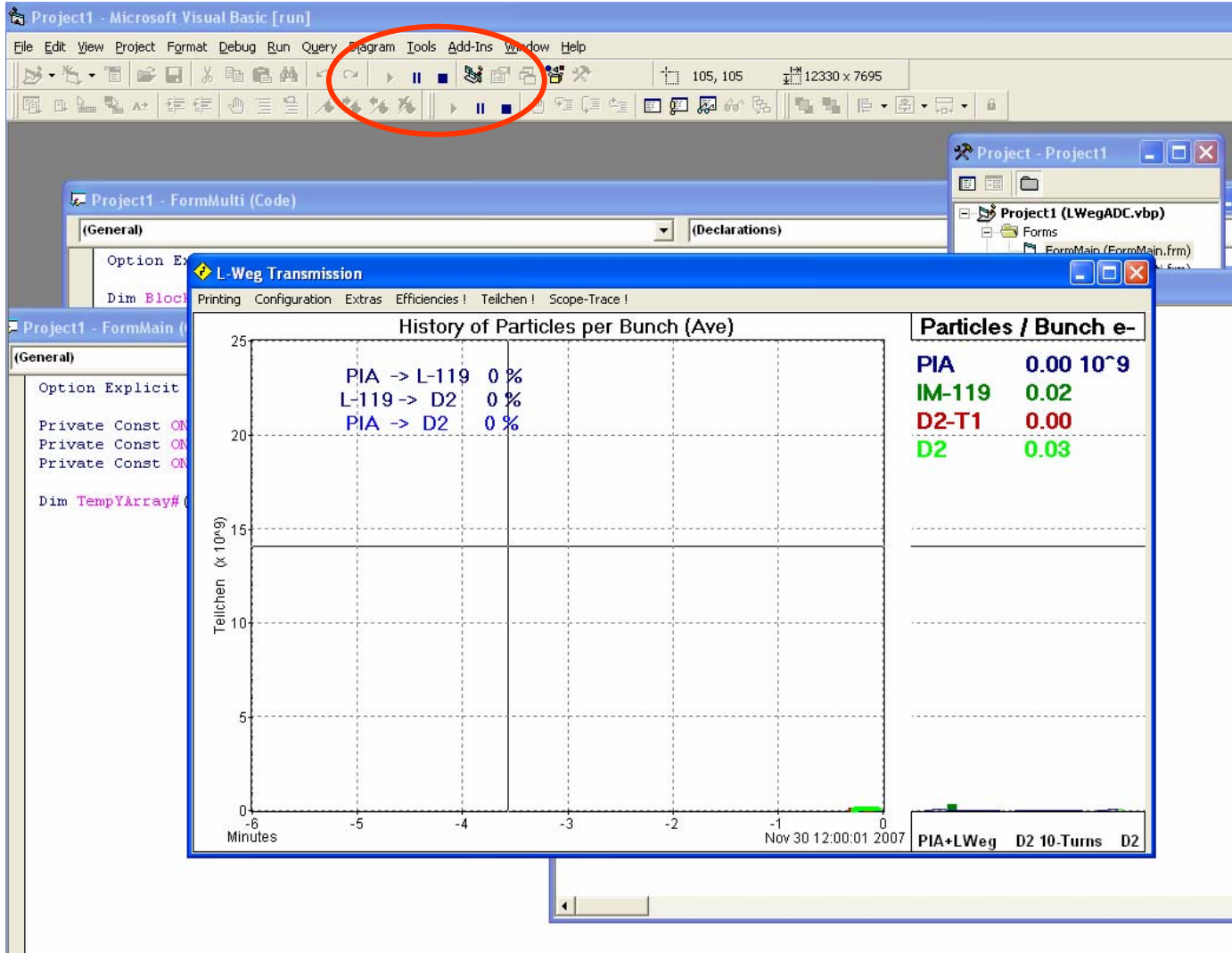




What's new this Week in LabView

(plus some general remarks)

[VB 6.0]



MS VC++ 6.0

The screenshot displays the Microsoft Visual C++ 6.0 IDE in Disassembly mode. The main window shows the assembly code for the 'fecLinkEx' function. A red circle highlights the 'Debug' menu, specifically the 'Break' sub-menu. The assembly code includes instructions like 'cmp', 'je', 'mov', 'push', 'pushd', 'call', 'add', 'test', 'jne', 'dword ptr', 'cmp', 'jne', 'mov', 'err+0D7h', 'jmp', 'push', 'call', 'add', 'test', 'jne', 'mov', 'err+0D7h', and 'push'. The register window at the bottom right shows the following variables and values:

Name	Value
conTbl[i]	0x005428a0
SrvTbl[2]	{...}
fec	{...}

Eclipse

The screenshot shows the Eclipse IDE interface with the Multi-Channel Analyzer window open. The window title is "Multi-Channel Analyzer". The main area contains three plots:

- DORIS/DoBeam#0/DoMagSoll:** A bar chart showing data points over a 35-hour period. The y-axis ranges from 0 to 1200.
- Main Soll archive:** An empty plot area.
- OverView of DORIS operations:** A line graph showing a sharp peak at the beginning of the run, followed by a stable baseline. The y-axis ranges from 0 to 140.

The right sidebar contains several control panels:

- Multi-Channel Display:** Includes "Options" and "Scale" tabs. The "Live" radio button is selected. The "Recent Past" interval is set to "Days" with a value of 1.
- History Display:** Includes a "DM" dropdown and "Add", "Remove", and "Remove All" buttons.
- Overview Display:** Includes a "Hide" checkbox and a table for "Cursor" data.

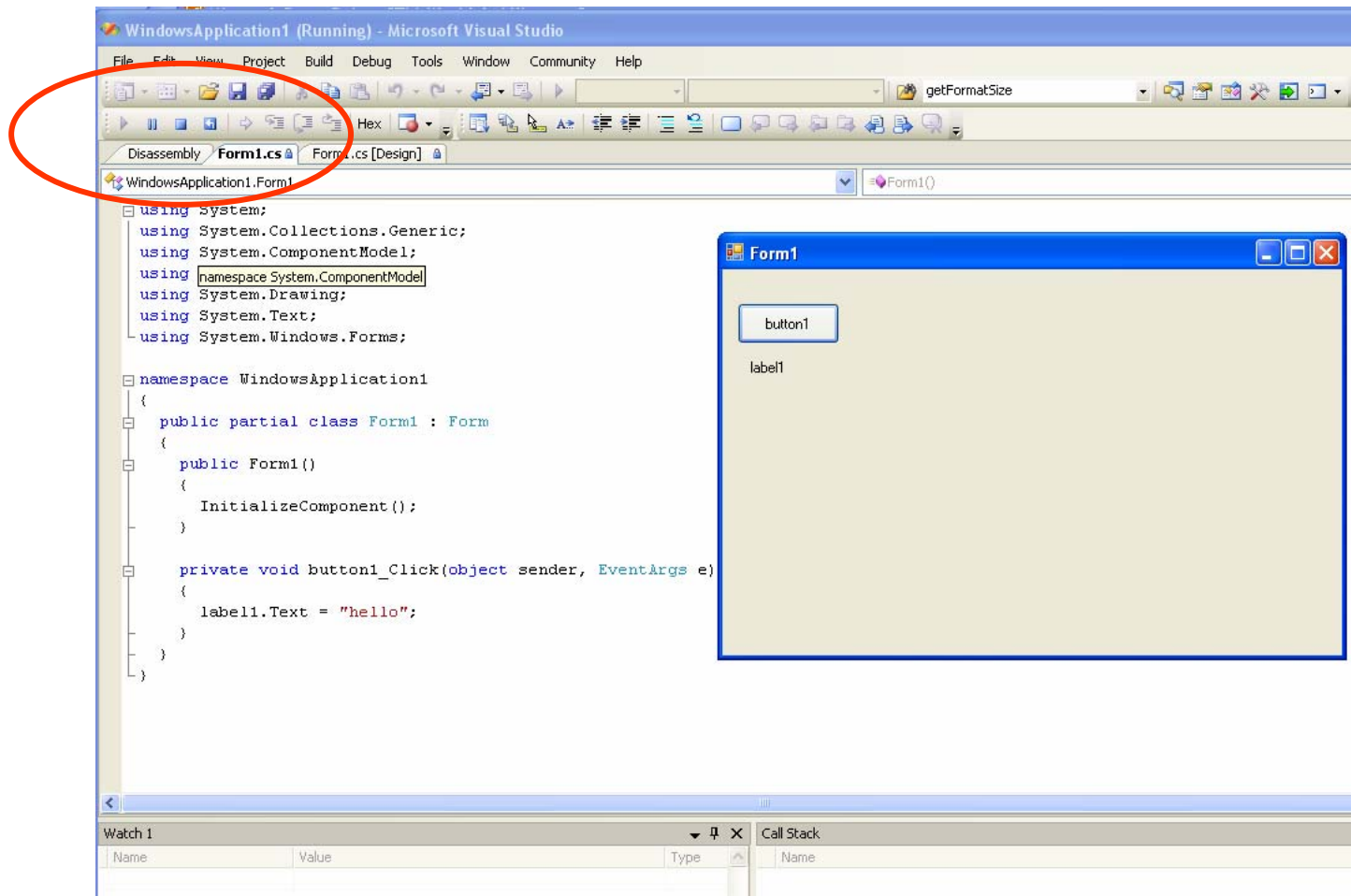
The "Cursor" table shows the following data:

Item	Cursor	Now
Strom [mA]	0.0	111.84
Tau [hours]	0.0	18.6

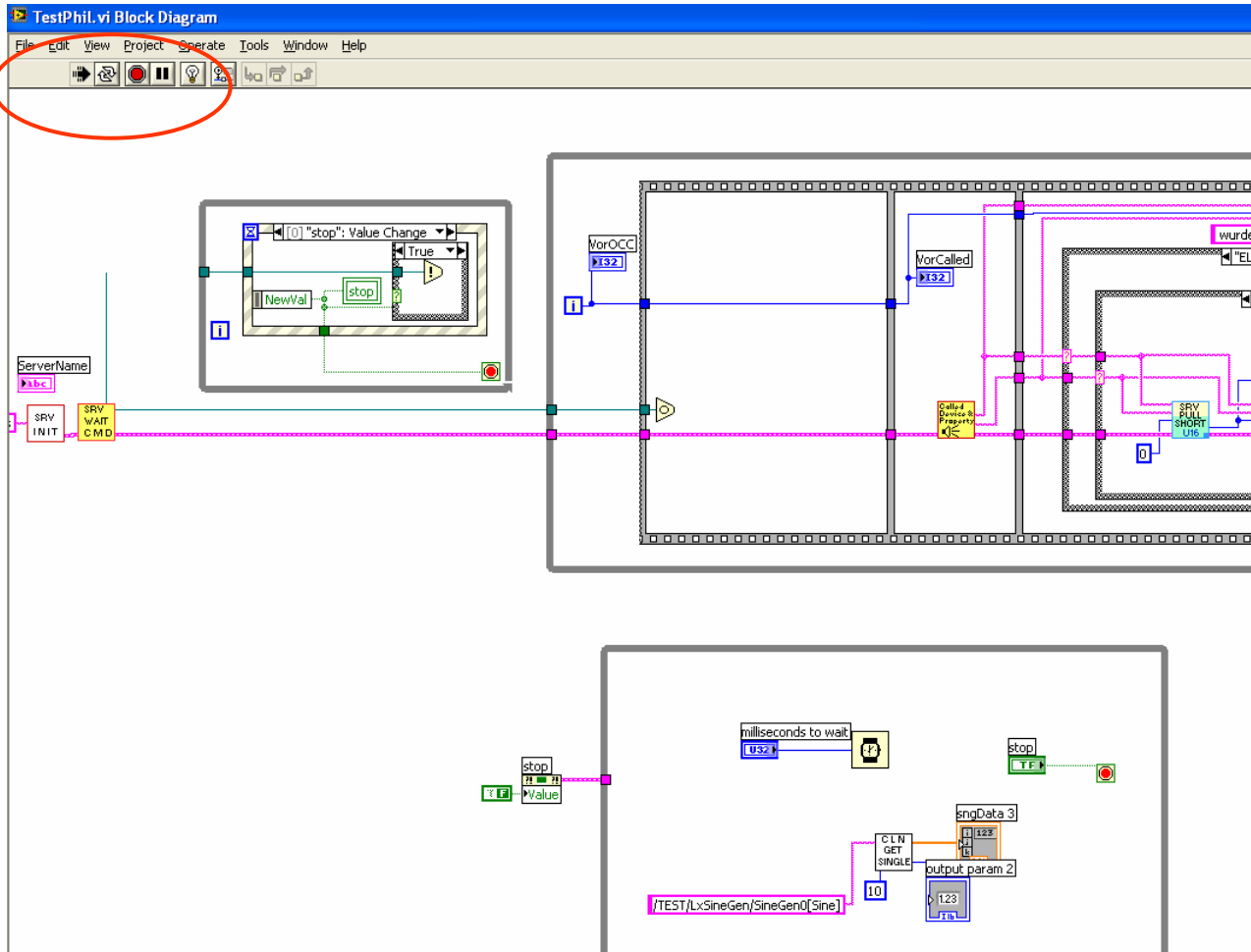
A red circle highlights the window's title bar and standard OS controls (minimize, maximize, close buttons).

At the bottom of the window, a status bar displays: "12:02:16: History data for channel 'DORIS.DORISHISTORY#0/DoDCTau' loaded." and "Use protocol TINE as default".

[VS 8.0 C#, VB.NET]



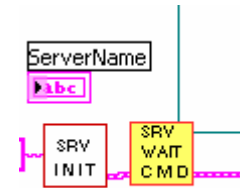
LabView



Events in LabView

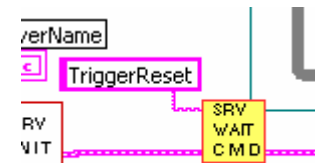
- Occurrences

- General



- Property Specific

- Can also take list



- New VI:

- *IvTinePropertyCompletion.VI*

Property-Specific Occurrences

The image displays a LabVIEW development environment. In the background, the 'lvTineWaitCmd.vi Block Diagram' is visible, featuring a 'TriggerReset' control, an 'SRV WAIT CMD' indicator, and a 'Property Name' control. A 'No Error' error indicator is also present. In the foreground, the 'VI Properties' dialog box is open, with the 'Execution' category selected. The 'Priority' dropdown is set to 'normal priority' and is circled in red. Other settings include 'Preferred Execution System' set to 'same as caller', and several checkboxes: 'Reentrant execution' (checked), 'Run when opened' (unchecked), 'Suspend when called' (unchecked), 'Auto handle menus at launch' (checked), 'Allow debugging' (checked), 'Clear indicators when called' (unchecked), and 'Enable automatic error handling' (checked). The dialog box has 'OK', 'Cancel', and 'Help' buttons at the bottom.

[Other New VIs]

- IvTineSrvStop.VI
 - Must be called
 - does not happen by itself when you hit the stop arrow!
 - TODO: IvTineSetWorkAreaSize.VI