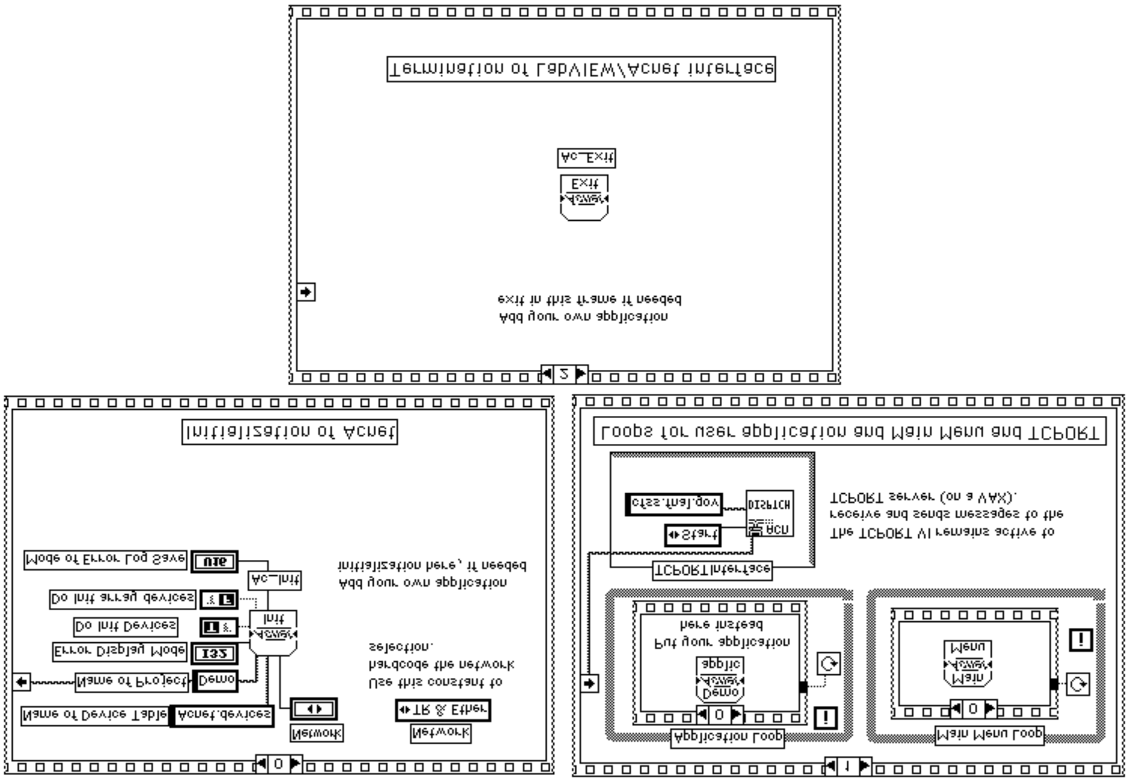
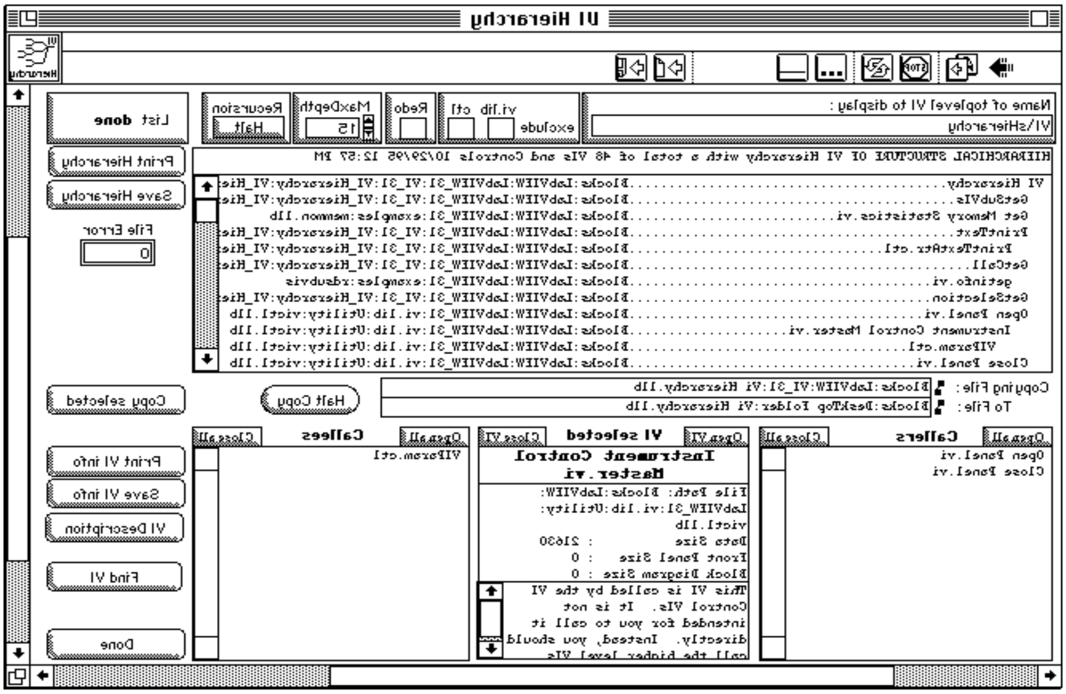

Termination of LabVIEW/Acnet interface
Add your own application
exit in this frame if needed
Exit
Ac_Exit
2
Initialization of Acnet
Name of Device Table
Acnet.devices
Name of Project
Demo
Error Display Mode
I32
Do Init Devices
Do Init array devices
Mode of Error Log Save
U16
Init
Ac_Init
Network
TR & Ether
Use this constant to
hardcode the network
selection.
Add your own application
initialization here, if needed
0
Loops for user application and Main Menu and TCPORT
The TCPORT VI remains active to
receive and sends messages to the
TCPORT server (on a VAX).
Start
cfss.fnal.gov
ACN
DISPTCH
TCPORTInterface
Demo
applic
Put your application
here instead
Application Loop
Main
Menu
Main Menu Loop
1



VI/sHierarchy

15

0

```
HIERARCHICAL STRUCTURE OF VI Hierarchy with a total of 48 VIs and Controls 10/29/95 12:57 PM
VI Hierarchy..............Blocks:LabVIEW:LabVIEW_31:VI_31:VI_Hierarchy:VI_Hie
  GetSubVIs...............Blocks:LabVIEW:LabVIEW_31:VI_31:VI_Hierarchy:VI_Hie
  Get Memory Statistics.vi.......Blocks:LabVIEW:LabVIEW_31:examples:memmon.llb
  PrintText...............Blocks:LabVIEW:LabVIEW_31:VI_31:VI_Hierarchy:VI_Hie
    PrintTextAttr.ctl.....Blocks:LabVIEW:LabVIEW_31:VI_31:VI_Hierarchy:VI_Hie
  GetCall.................Blocks:LabVIEW:LabVIEW_31:VI_31:VI_Hierarchy:VI_Hie
    getinfo.vi............Blocks:LabVIEW:LabVIEW_31:examples:rdsubvis
  GetSelection............Blocks:LabVIEW:LabVIEW_31:VI_31:VI_Hierarchy:VI_Hie
  Open Panel.vi...........Blocks:LabVIEW:LabVIEW_31:vi.lib:Utility:victl.llb
    Instrument Control Master.vi....Blocks:LabVIEW:LabVIEW_31:vi.lib:Utility:victl.llb
      VIParam.ctl.........Blocks:LabVIEW:LabVIEW_31:vi.lib:Utility:victl.llb
  Close Panel.vi..........Blocks:LabVIEW:LabVIEW_31:vi.lib:Utility:victl.llb
```

Copying File : Blocks:LabVIEW:VI_31:Vi Hierarchy.llb

To File : Blocks:DeskTop Folder:Vi Hierarchy.llb

Callers:

Open Panel.vi

Close Panel.vi

VI selected:

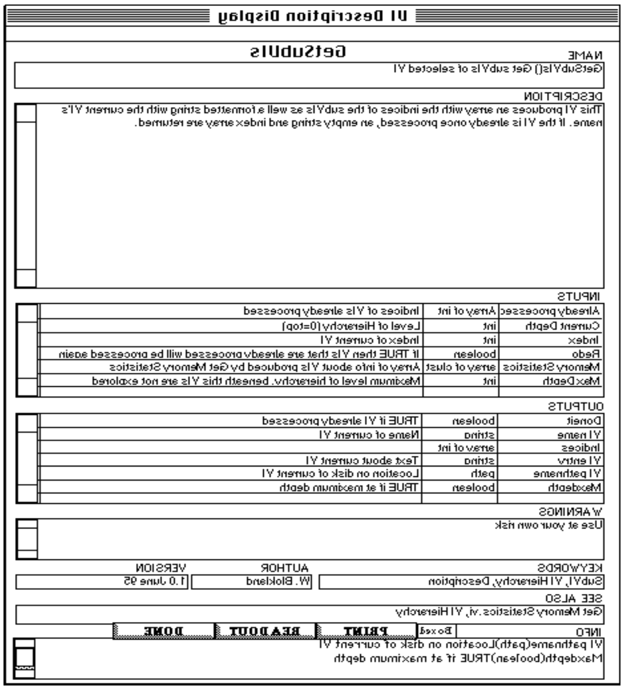
Instrument Control Master.vi

```
File Path: Blocks:LabVIEW:
LabVIEW_31:vi.lib:Utility:
victl.llb
Data Size          : 21630
Front Panel Size   : 0
Block Diagram Size : 0
```

This VI is called by the VI Control VIs. It is not intended for you to call it directly. Instead, you should call the higher level VIs

Callees:

VIParam.ctl



GetSubVIs

NAME

GetSubVIs() Get subVIs of selected VI

DESCRIPTION

This VI produces an array with the indices of the subVIs as well a formatted string with the current VI's name. If the VI is already once processed, an empty string and index array are returned.

INPUTS

Already processec	Array of int	Indices of VIs already processed
Current Depth	int	Level of Hierarchy(0=top)
Index	int	Index of current VI
Redo	boolean	If TRUE then VIs that are already processed will be processed again
Memory Statistics	array of clust	Array of info about VIs produced by Get Memory Statistics
MaxDepth	int	Maximum level of hierarchy, beneath this VIs are not explored

OUTPUTS

Doneit	boolean	TRUE if VI already processed
VI name	string	Name of current VI
Indices	array of int	
VI entry	string	Text about current VI
VI pathname	path	Location on disk of current VI
Maxdepth	boolean	TRUE if at maximum depth

WARNINGS

Use at your own risk

KEYWORDS: SubVI, VI Hierarchy, Description

AUTHOR: W. Blokland

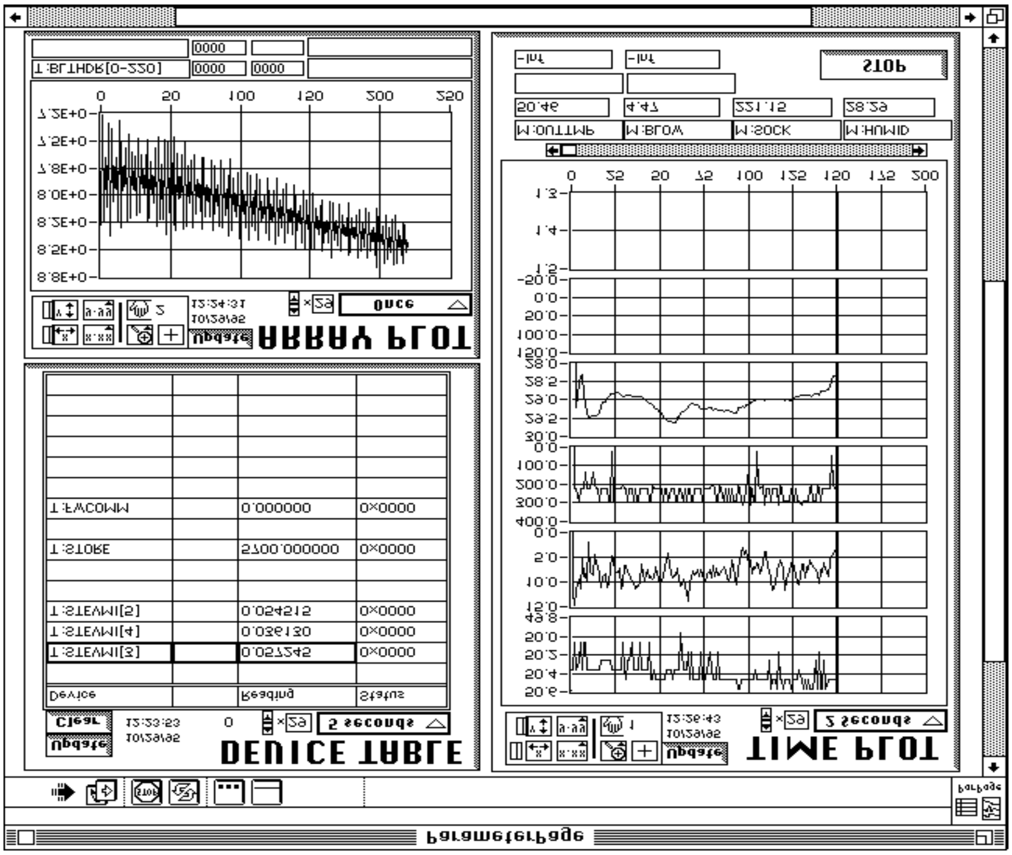
VERSION: 1.0 June 95

SEE ALSO

Get Memory Statistics.vi, VI Hierarchy

INFO Boxed

VI pathname(path)Location on disk of current VI
Maxdepth(boolean)TRUE if at maximum depth



DEVICE TABLE

10/29/95 12:23:53 0 ×29 5 seconds

Device		Reading	Status
T:STEVMI[3]		0.057245	0x0000
T:STEVMI[4]		0.036130	0x0000
T:STEVMI[5]		0.054515	0x0000
T:STORE		5700.000000	0x0000
T:FWCOMM		0.000000	0x0000

ARRAY PLOT

10/29/95 12:24:31 2 ×29 Once

T:BLTHDR[0-220] 0000 0000

0000

TIME PLOT

10/29/95 12:26:43 1 ×29 2 seconds

M:OUTTMP	M:BLOW	M:SOCK	M:HUMID
50.46	4.47	221.15	28.29

-Inf -Inf