Subject: ANNOUNCING: PV-WAVE:GMVT, Glyph Multivariable Visualization Toolkit
Posted by chrisj on Thu, 09 Feb 1995 16:56:39 GMT
View Forum Message <> Reply to Message

ANNOUNCING: PV-WAVE:GMVT, Glyph Multivariable Visualization Toolkit

Archive-Name: auto/comp.lang.idl-pvwave/PV-WAVE:GMVT-for-multivariable-visualization-using-glyphs

The PV-WAVE:GMVT 1.1 toolkit is now available for visualization of multivariable/multidimensional data set using glyphs. Files for this toolkit have been uploaded to ftp://ftp.boulder.vni.com/VNI/gmvt-1_1.

For more details, refer to the following excerpt from the README file:
---------- ----------

Visual Numerics, Inc. and
Colorado Advanced Software Institute
PV-WAVE:Glyph Multivariable Visualization Toolkit
February 1995

This is the PV-WAVE:GMVT (Glyph Multivariable Visualization Toolkit) distribution area which is being provided via the Visual Numerics Early Adopters Program and is currently available through anonymous ftp at ftp.boulder.vni.com in the directory ./VNI/gmvt-1_1. The distribution is only supported for PV-WAVE users at version 5.0 or higher running on a UNIX platform. However, most of the Base Routines should work fine under PV-WAVE V5.0 on VMS, Windows and Windows NT platforms, but they will not be supported.

- OPERATING SYSTEMS LEVELS: the operating system levels consistent with PV-WAVE:GMVT are those levels currently supported by the operating system/hardware vendor, and supported by Visual Numerics. To obtain a current list of PV-WAVE:GMVT compatible operating systems, contact Customer Support. At the time of the PV-WAVE:GMVT 1.1 release, the following operating systems were supported:

Platform	Operating System Level
DEC OSF/1 AXP	OSF/1 2.0
DEC RISC Ultrix	ULTRIX 4.3
HP 9000/s700	HPUX 9.03
IBM RS/6000	AIX 3.2.5
Silicon Graphics	IRIX 5.2
Sun4/SPARC	Solaris 2.3
Sun4/SPARC	SunOS 4.1.3

PV-WAVE Advantage may operate at down level versions of these operating systems, but differences in operating system versions may cause unexpected behavior. Down level operating system versions are not supported.

- WINDOW MANAGER LEVELS: PV-WAVE:GMVT was tested using the following window managers:

Platform	Operating System Level	Window Manager
Silicon Graphics	IRIX 5.3	4Dwm
Sun4/SPARC	Solaris 2.3	MWM (OSF Motif 1.2.2)
Sun4/SPARC	SunOS 4.1.3	MWM (OSF Motif 1.2)

While PV-WAVE:GMVT may work using other window managers, differences in implementation from the window managers listed may cause aberrant behavior when using PV-WAVE. If problems do exist, contact the vendor supplying the window manager, or switch to one of the window managers listed above.

To assist us in providing additional PV-WAVE family products via the Early Adopters Program, we ask that you fill out the form found in the file Registration_Form and return it to us either by email or U.S. mail. The addresses are given in the Registration_Form file.

Contents of the PV-WAVE:GMVT distribution include:

gmvt-1_1.tar.Z independent PV-WAVE:GMVT files including this README.gmvt-1_1, the Registration_Form file, PV-WAVE:GMVT interface library files, a series of testing routines, and documentation for PV-WAVE:GMVT.

README.gmvt-1_1 this file.

Installation of PV-WAVE:GMVT requires the following steps:

1. Transfer the file from the anonymous ftp area. Be sure to set the transfer mode to "binary".

2. Move to the VNI directory where the subdirectories wave and license exist. (This is the directory that VNI_DIR points to after sourcing wvsetup.)

3. "Untar" the files as follows:

zcat <path>gmvt-1_1.tar.Z | tar xvof -

where <path> is the location of the tar files pulled down via anonymous ftp.

4. From the gmvt-1_1 directory, run the bin/make_gmvtsetup script to create the setup files needed to run PV-WAVE:GMVT 1.1.

5. The PV-WAVE:GMVT installation is now complete. For details on using PV-WAVE:GMVT, print the postscript file wavegmvt.ps found in gmvt-1_1/docs. Note that this documentation is being released early and will contain errors. If you have any questions or comments about the documentation, please contact Customer Support.

Starting PV-WAVE:GVMT requires the following steps:

1. Source the PV-WAVE wvsetup, or wvsetup.sh, setup file.

2. Source the GMVT gmvtsetup, or gmvtsetup.sh, setup file.

3. Type 'gmvt' at your UNIX prompt. This should start PV-WAVE and then bring up the GMVT Main ToolBar window.

Test software for the PV-WAVE:GMVT toolkit is also available with the Early Adopter's version of this software. Read the gmvt-1_1/test/README.test file for information on running the tests.

For questions about the software or additional assistance, send email to

support@boulder.vni.com

or call the Visual Numerics' Customer Support Line at

+1 (303) 530-5200.

Be sure to have your current Visual Numerics license number available for the customer support representative.

For questions concerning research in the area of glyph visualization, send email to

Joslyn@Colorado.EDU.

--
---- Purgamentum Init, Exit Purgamentum ----------
Christopher M. Joslyn | Visual Numerics, Inc. | "A la fin de l'envoi,
+1 (303) 581-3269 | 6230 Lookout Road | je touche!"
chrisj@boulder.vni.com | Boulder, CO 80301 | My opinions are mine!