Subject: Announcing PV-WAVE on Linux
Posted by lubosp on Fri, 27 Jan 1995 18:16:46 GMT
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ANNOUNCING PV-WAVE on Linux

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The Linux version of PV-WAVE is available on following ftp sites:

ftp://ftp.boulder.vni.com/VNI/linux
ftp://sunsite.unc.edu/pub/Linux/apps/pv-wave

[Note: We have uploaded PV-WAVE on Linux to sunsite.unc.edu into the /pub/Linux/Incoming directory. We expect it to get moved to the above directory in the near future.]

Visual Numerics is considering releasing the LINUX version as a commercially supported product. The purpose of this version is to determine the market acceptance for the product. Current PV-WAVE users will be most successful with this pre-release version of the product, since the on-line documentation has not been implemented. For first time users the demo and gallery programs will help you get started. The PV-WAVE Tutorial is available in Postscript format which can be found in the file

docs/tutorial/tu_wave50.ps

in the distribution file

wave_docs.linux.tar.gz

The LINUX version of PV-WAVE does not require a softkey, but a time bomb has been set in the code and will expire April 19, 1995. Your input is an important part of the market research. Please fill out the questionnaire in readme.linux and e-mail your response to

margaret@boulder.vni.com

or fax to Margaret Journey at

+1 (303) 530-7043.

What is PV-WAVE?

PV-WAVE combines advanced graphics, flexible data access, numerics and statistics in one integrated analysis environment -- empowering you to quickly and effectively explore, visualize, and solve even your most difficult data and equation based problems. PV-WAVE's interactive array-oriented 4GL analyzes and displays you data as you enter commands, eliminating the time-consuming compile, link and debug cycles required by traditional 3GL development tools like C or FORTRAN. And because the command language is designed specifically to analyze data, you can reduce your coding by up to 80%.

Minimum System Requirements

Hardware: 486/50 machine
16M memory

OS: LINUX 1.09

Window System: XFree86 (X11R5)

Note. Motif does not need to be installed to run PV-WAVE. All Xt Intrinsics and Motif libraries are linked statically.

How to get it

The LINUX version of PV-WAVE consists of five compressed tar files (uncompressed, compressed sizes):

wave_bin.linux.tar.gz - the PV-WAVE CL Linux Binaries (~12 Mb, ~3.2 Mb)
wave_demo.linux.tar.gz - the PV-WAVE CL Demo Files (~40 Mb, ~12.3 Mb)
wave_prog.linux.tar.gz - the PV-WAVE Programmer's Files (~3 Mb, ~1.0 Mb)
wave_map.linux.tar.gz - the PV-WAVE CL Mapping (~11 Mb, ~6.9 Mb)
wave_docs.linux.tar.gz - the PV-WAVE CL Tutorial (~13 MB, ~3.5 Mb)

The wave_bin.linux.tar.gz is mandatory (you need at least 12 Mb of disk space). The other files are optional, but we encourage you to download demo files to learn more about PV-WAVE (you need additional 40 Mb for demo files).

To get the LINUX version of PV-WAVE:

1. Create root directory, for example:

```
> mkdir /usr/local/vni
> cd /usr/local/vni
```

2. Download above mentioned files (or subset of those) from VNI anonymous ftp, or Linux ftp sites:

```
> ftp ftp.boulder.vni.com
     or
> ftp sunsite.unc.edu
```

Login by entering anonymous for the username and your email address (login@host) for the password.

```
ftp> cd VNI/linux or /pub/Linux/apps/pv-wave
ftp> binary
ftp> get readme.linux
ftp> get wave_bin.linux.tar.gz
ftp> get wave_demo.linux.tar.gz
       .
       .
ftp> quit
```

3. Uncompress, untar the files:

```
> gzip -dc wave_bin.linux.tar.gz | tar xvof -
```

4. Create wvsetup, wvsetup.sh file:

```
> cd /usr/local/vni/wave
> bin/make_wvsetup
```

5. Run the PV-WAVE setup file and wave:

```
csh> source bin/wvsetup     or    sh> . bin/wvsetup.sh
> wave
```

If you have technical questions or comments, please e-mail

lubosp@boulder.vni.com

or fax to Lubos Pochman at

+1 (303) 530-7043.

We also provide a listproc service which can provide you wil helpful information. To subscribe send mail to

listproc@boulder.vni.com

with the following message in the body

subscribe PV-WAVE FirstName LastName

or just to receive information about PV-WAVE, use the following message in the body

info pv-wave

Additionally, there is a newsgroup specifically for discussions and questions concerning PV-WAVE. You can read this newsgroup by subscribing to

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Lubos Pochman, Visual Numerics, Inc. phone: (303)581-3355
email: lubosp@boulder.vni.com
