CD-ROM

Along with this *User's Guide* you should find a CD-ROM. The CD-ROM contains source code, examples, data, documentation, and some applications. The following is a brief overview of the contents of the CD-ROM.

15.1 Source Code

The source code is located in two directories. For Windows users, the source code can be found in E:\vtk-src-windows (assuming that the CD drive is E:\). Unix users can find the source code in /cdrom/vtk-src-unix. Under this main directory, you will find several other subdirectories including Common, Rendering, Filtering, Graphics, Imaging, IO, Hybrid, and Patented. The directory Wrapping contains code related to the wrapping of VTK with Tcl, Python, and Java. These directories contains the .cxx/.h source code, and CMakeLists.txt that CMake uses during the build process.

15.2 Example Code

Along with the source code, you will find several hundred examples. The best place to look for examples is in the Examples/ directory. In addition, there are several hundred tests located in the source tree with the subdirectory names Testing/Tcl, Testing/ Cxx, and Testing/Python. For example, in VTK/Graphics, you would find VTK/ Graphics/Testing/Tcl, VTK/Graphics/Testing/Cxx, and VTK/Graphics/ Testing/Python. These tests are not documented and are typically used to test the VTK distribution.

The Tcl, Python, and Java examples require that you have compiled the source code with Tcl support (Unix systems), or installed the appropriate PC binaries (Windows systems). The C++ examples will require you to set paths to include files and libraries as necessary.

15.3 Windows 9x/NT/ME/2000/XP Pre-Compiled Binaries

Pre-compiled binaries and libraries are available for Windows 9x/NT/ME/2000/XP systems. To install these binaries, run `E:\setup.exe` and follow the instructions as described in "Binary Installation" on page 8. (The actual installation executables are in the `Windows-Binaries\` directory.)

15.4 Data

The data for the examples is located in `VTKData/Data` and the several subdirectories there. If you copy examples from the CD onto local disk, you may have to change paths in the example file to pick up the data on the CD. (Alternatively, the Tcl examples check the environment variable `VTK_DATA_ROOT` for the location of the data directory.)

15.5 Documentation

Documentation is available by browsing `README.html` found on this CD, and then clicking on the documentation link `vtkhtml/html/classes.html`. This is an alphabetized list of classes; clicking on a particular class gives you a description of methods and other information.

15.6 Regression Test Images

Also included in the CD is a directory of compressed regression test images (found in `VTKData/Baseline`). These images, which correspond to the examples in the various `Testing/Tcl/`, `Testing/Cxx`, and `Testing/Python` subdirectories, are used to validate the installation and execution of VTK.

15.7 Kitware Applications

On the CD in the `Kitware/` directory you will find Windows9x/NT/ME/2000/XP binaries of Kitware commercial applications (e.g., *Acti*Viz, VolView and GoFly). These applications can be run on a trial basis for 30-days. At the end of this trial period, contact Kitware at `kitware@kitware.com` to purchase a license, or visit Kitware's on-line store at `www.kitware.com` to electronically purchase the license.