Enthought Python Distribution (EPD)
Enthought Tool Suite

Traits

Mayavi
TVTK
VTK

Chaco
Enable
Kiva

Envisage
Scripting Layer in Applications
Scripting Layer in Applications

```python
>>> # Create data objects
>>> voltage_source = Agilent66000A()
>>> bert_scope = BERTScope()

>>> # Sweep voltage and look at Bit Error Rate
>>> voltages = linspace(1, 2, 11)
>>> error_rates = []
>>> for voltage in voltages:
...    error_rate = bert_scope.error_rate()
...    error_rates.append(error_rate)

>>> error_rates = array(error_rates)
>>> # Plot the results
>>> plot(voltages, error_rates)
```
Rich Client App (Geophysics, Finance, Etc)

Testing Framework Scripting Interface

Database Access

Chaco Plotting

UI Elements

Equipment Interface

Compliance Tools

Scientific Algorithms

Data Display
Software Application Layers

- Domain Specific GUI Applications
  Semiconductor, Fluid Dynamics, Seismic Modeling, Financial, etc.

- ETS (App construction)
  Traits, Chaco, Mayavi, Envisage, etc.

- SciPy (Scientific Algorithms)

- NumPy (Array Mathematics)

- 3rd Party Libraries
  wxPython, VTK, etc.

- Python