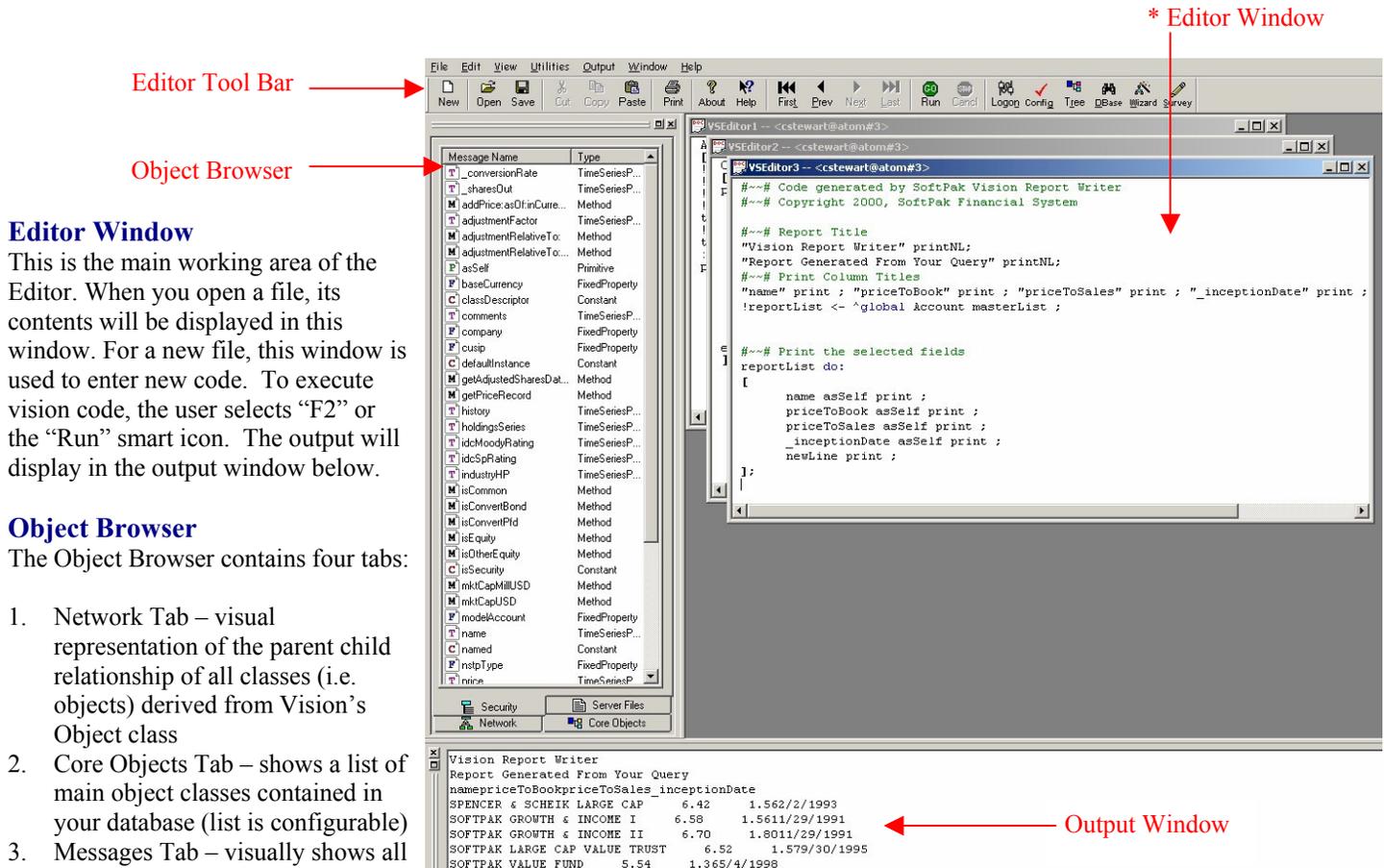# Vision Smart Editor

As part of a comprehensive suite of applications developed specifically for Vision, the Smart Editor provides a Windows-based development environment for this object-oriented technology. With valuable tools and timesaving features, this application makes it easier to master the intricacies of Vision.

Overview

This application was designed to provide the Vision user community with a tool to generate and save Vision code efficiently and effectively; while having the capability to visually analyze data structures in their database environment.

* Editor Window

Editor Tool Bar

Object Browser

Editor Window

This is the main working area of the Editor. When you open a file, its contents will be displayed in this window. For a new file, this window is used to enter new code. To execute vision code, the user selects "F2" or the "Run" smart icon. The output will display in the output window below.

Object Browser

The Object Browser contains four tabs:

1. Network Tab – visual representation of the parent child relationship of all classes (i.e. objects) derived from Vision's Object class
2. Core Objects Tab – shows a list of main object classes contained in your database (list is configurable)
3. Messages Tab – visually shows all the properties and methods available for an object double-clicked from the above two tabs
4. Server Files Tab – gives users access to their files on Unix

Output Window

Output Window

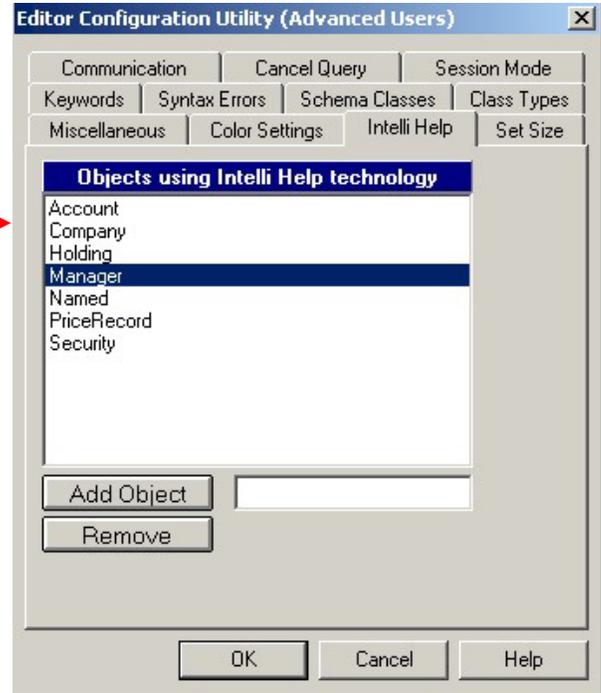Displays the results from a Vision query

* Note: users can run multiple sessions with Vision in the editor window, allowing for Vision queries to run in the background.

Vision Smart Editor
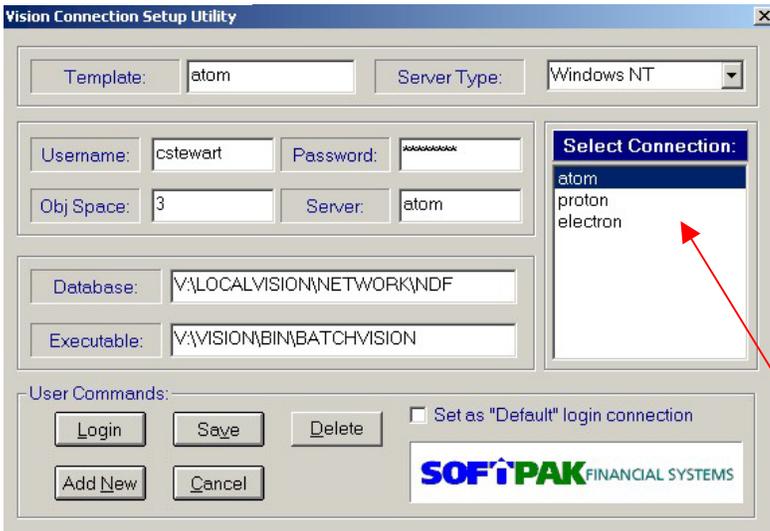
Configuration Utility

Utilities

Incorporated into the application are a number of utilities that make routine tasks like defining methods, deriving classes and navigating data structures quick and easy
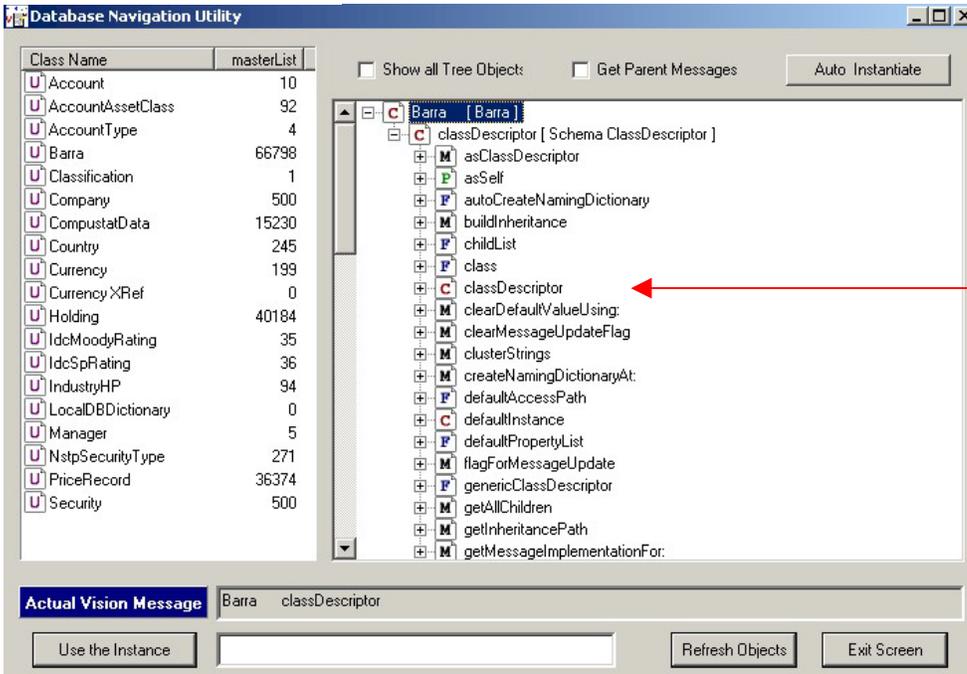
The Smart Editor can be customized to each user's preference →

Editor Configuration Utility (Advanced Users)

Tabs: Communication | Cancel Query | Session Mode | Keywords | Syntax Errors | Schema Classes | Class Types | Miscellaneous | Color Settings | Intelli Help | Set Size

Objects using Intelli Help technology
- Account
- Company
- Holding
- Manager
- Named
- PriceRecord
- Security

Add Object

Remove

OK   Cancel   Help

Connection Utility

Vision Connection Setup Utility

| Template: | atom | Server Type: | Windows NT |

| Username: | cstewart | Password: | ******** |
| Obj Space: | 3 | Server: | atom |

Database: V:\LOCALVISION\NETWORK\NDF

Executable: V:\VISION\BIN\BATCHVISION

Select Connection:
- atom
- proton
- electron

User Commands:
Login | Save | Delete | ☐ Set as "Default" login connection
Add New | Cancel

SOFTPAK FINANCIAL SYSTEMS

Create and reuse multiple Vision connection profiles

Database Navigation Utility

Database Navigation Utility

Class Name	masterList
Account	10
AccountAssetClass	92
AccountType	4
Barra	66798
Classification	1
Company	500
CompustatData	15230
Country	245
Currency	199
CurrencyXRef	0
Holding	40184
IdcMoodyRating	35
IdcSpRating	36
IndustryHP	94
LocalDBDictionary	0
Manager	5
NstpSecurityType	271
PriceRecord	36374
Security	500

☐ Show all Tree Objects   ☐ Get Parent Messages   Auto Instantiate

- **C** Barra   [Barra]
  - **C** classDescriptor [Schema ClassDescriptor]
    - **M** asClassDescriptor
    - **P** asSelf
    - **F** autoCreateNamingDictionary
    - **M** buildInheritance
    - **F** childList
    - **F** class
    - **C** classDescriptor
    - **M** clearDefaultValueUsing:
    - **M** clearMessageUpdateFlag
    - **M** clusterStrings
    - **M** createNamingDictionaryAt:
    - **F** defaultAccessPath
    - **C** defaultInstance
    - **F** defaultPropertyList
    - **M** flagForMessageUpdate
    - **F** genericClassDescriptor
    - **M** getAllChildren
    - **M** getInheritancePath
    - **M** getMessageImplementationFor:

Actual Vision Message | Barra   classDescriptor

Use the Instance | | Refresh Objects | Exit Screen

Find out where and how data is stored in your company's implementation of Vision

For more information, contact Christopher Stewart at cstewart@softpaksys.com or call us at 617-969-2224.