Geocoding Developer's Kit Contents

The Geocoding Developer's Kit tools consists of the following items:

STANDARDIZER EDITOR (STANEDIT.EXE) Windows version of Interactive Standardizer.

STANEDIT is a Windows-based and internationalized interactive standardization program. STANEDIT is used for syntax checking and debugging of standardization pattern rules. STANEDIT is a 32-bit executable which runs under Windows 95/98 or Windows NT.

Additional Tools provided in STANEDIT

ENCODE PAT Standardization Pattern Rule Encryption Program

ENCODPAT encodes the standardizization pattern rules files for use with ESRI Geocoding products.

GET MAX SCORE Calculate the maximum composite score based on a Match Rule (.MAT) file.

A maximum score is needed for the AddressStyle.SetMaxScore request when building the address style database (addstyle.db) for ArcView. MapObjects calculates the score internally.

GEOPUB30.DLL ArcView 3.x Geocoding Windows DLL

GEOPUB30.DLL is an ArcView-loadable 32-bit Windows DLL which exposes additional geocoding requests by making them public, Avenue-callable, requests. The additional requests are required by the Avenue script mkstyles.ave for writing the AddressStyle data base addstyle.db. GEOPUB30.DLL is loaded by ArcView using the system.LoadLibrary request.

Unencoded Pattern Rules Files and ASCII Format Geocoding Files

The unencoded versions of pattern rules files used by ArcView and MapObjects. By convention, the unencoded versions of .pat files have the extension .xat. The unencoded pattern rules files have been included with a complete set of geocoding standardization process and match rules files. To be used by ArcView or MapObjects, the pattern rules files must be encoded and renamed to .pat.

Avenue Tools and Examples

A set of Avenue scripts used in the geocoding development process. The scripts include an example of Avenue-based geocoding, bulk event standardization (used for standardizer debugging) and mkstyles.ave used to create new AddressStyles.

Visual Basics Sample Application for MapObjects.

A sample geocoding application for MapObjects 2.0 or above in Visual Basics.

Sample Data

Sample data is provided for use in demonstrations and geocoding development. The sample data consists of the street network from the ArcView sample data for Atlanta and a portion of ESRI's Redlands database. Both data sets are in shapefile format. Addresses event files for both data sets have also been included. The file cust_lst.dbf can be geocoded to atlanta.shp and customer.dbf can be geocoded to redlands.shp.

Sample Answers for Some Exercises

Sample answers such as Avenue scripts to some the exercises are provided.

Documentation

A Geocoding Developer's Guide documentation is included in the Geocoding Developer's Kit CD. There are also a few documentations for Customizing ArcIMS and ArcGIS Geocoding Styles

Installation

The Geocoding Developer's Kit software can be installed by running setup.exe. All installed files will be stored in the specified GeoKit folder. No files will be installed in the systems folders. To uninstall the Kit, simple run the Add/Remove Programs in the Control Panel

Supported Platforms

The GeoKit software is supported in Windows 95/98, Windows NT, 2000 and XP.

Contents After Installing the Geocoding Developer's Kit Software

The Geocoding Developer's Kit software directory structure consists of the following subfolders of "geokit":

.\GeoKit	Top level geokit directory
.\Bin	Geokit binary executables and DLLs
.\Geocode	Pattern rules and other geocode files
.\Samples	
.\AVScripts	ArcView Avenue scripts
.\Data	Sample data
.\Exercises	Sample answers for some exercises
.\Vb	Sample application for MapObjects in Visual Basics