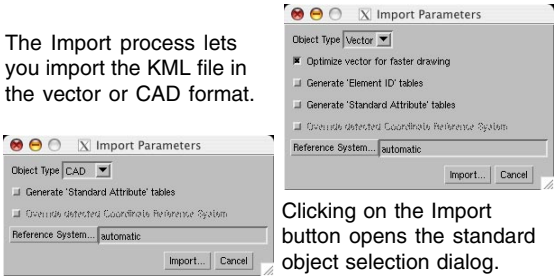
Import

Database Tables from KML Schema Tags

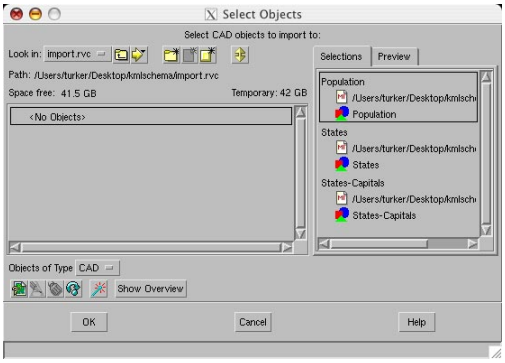
The TNTmips Import process creates a CAD or Vector object and a database table attached to the object's elements from the Keyhole Markup Language (KML) file using KML schema tags. The points, polygons, and/or lines stored in a KML file can be imported into a CAD or vector object along with the attributes attached to the objects'elements if the KML file involves schema tags to keep the database tables. You can find more information on importing from KML format in the Tech Guide entitled *Import: Geospatial Objects from KML.*

When you select a KML file to import, the Import process allows you to specify an object type to import the elements into a CAD or Vector object. The Import process automatically detects the KML schema tags and prompts you to provide object names for each database table detected. If you choose to auto-name the objects to be created, the database table names are used to name each object. If the KML file contains path, placemarks and polygons and their associated attributes in a schema tag, you get three different objects for each of the element type and a database table. The number of the objects created is determined by the schema tags in the KML file. When you import a vector or a CAD object from a KML file, an attribute table is automatically generated and the records of this table are associated with the elements of each CAD or vector object imported. This attribute table, named as Table generated by KML file contains two fields, Name and Description, if the KML file contains no schema. The Field Name is the element name in the KML file, whereas the field Description contains the Google Earth's information table contents in the HTML format. For the KML files with schema tags, the Import process creates the same table without the default Name and Description fields but the table created contains the same the fields defined in the schema tags.

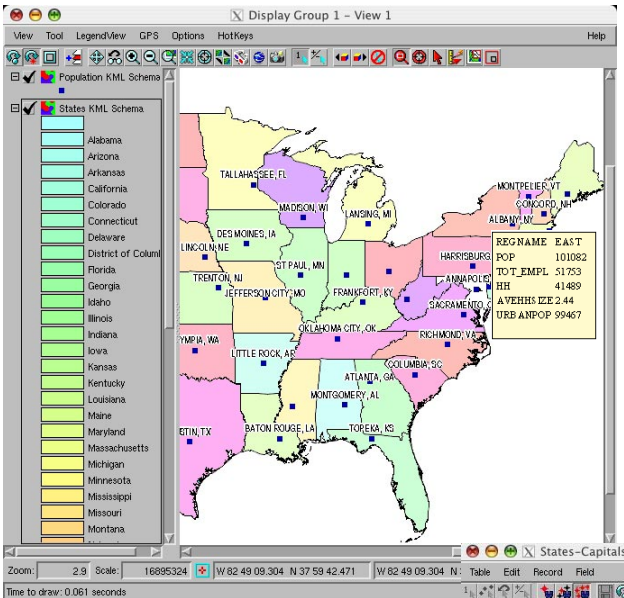
The Import process lets you import the KML file in the vector or CAD format.



Clicking on the Import button opens the standard object selection dialog.



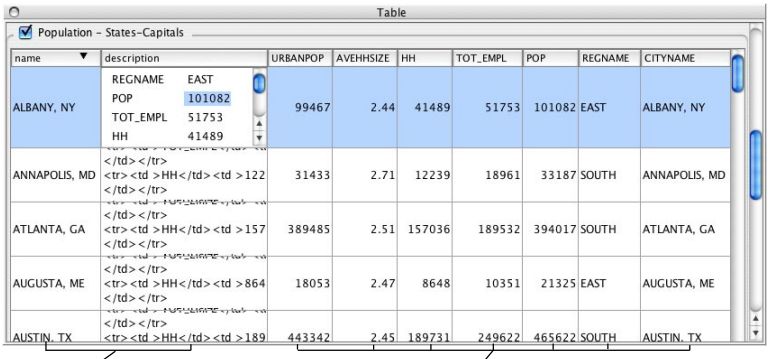
The illustration above shows that the KML file selected for import contains two database tables in the form of schema tags. The Population object and the States object are created from the schema tags for Population and States database tables; the States-Capital object contains the components of the KML file without schema tags.

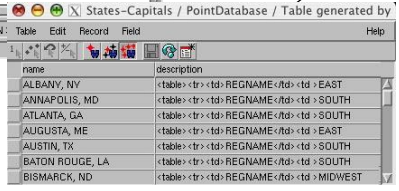


The illustration above shows the elements imported from a KML file. The two vector objects displayed, Population and State, are created by the TNTmips Import process using KML schema tags. The DataTip shown is created using the HTML field, description, imported from the KML file.

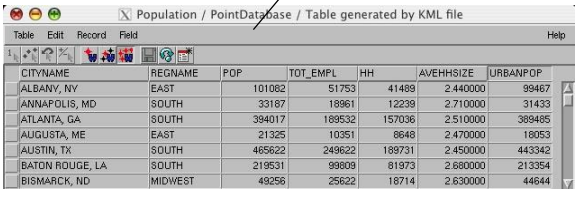
The features associated with the KML schema tags can be used only when the KML file is opened in **Google Earth Pro.**

Point Database table viewed in Google Earth Pro.





Point Database table imported from a KML without schema tag.



Point Database table imported from KML schema tag.