

Custom Geospatial Analysis

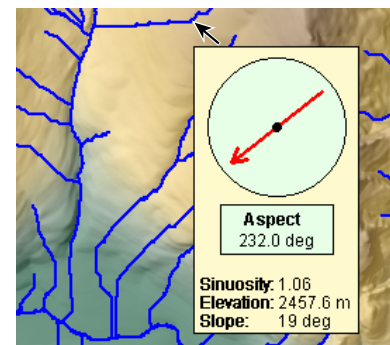
The TNT geospatial scripting language (SML) provides a wide range of options for custom display and processing of your geospatial data. You can implement novel new processes with dialogs, Views, and custom tools, or automate workflows through a chain of processes. You can add interactive tools and enhancements to standard Views so you can use or transform the displayed layers or automatically present specific attribute information in custom DataTips. Thousands of built-in functions, integrated documentation, and hundreds of sample scripts make it easy to learn how to use these powerful tools.



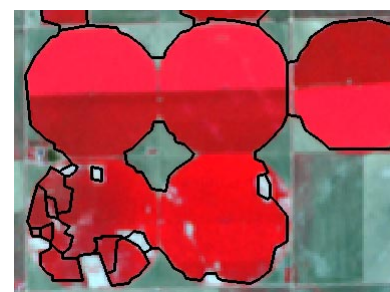
Interactive script to generate parallel flight lines

TNT Custom Geospatial Analysis Highlights:

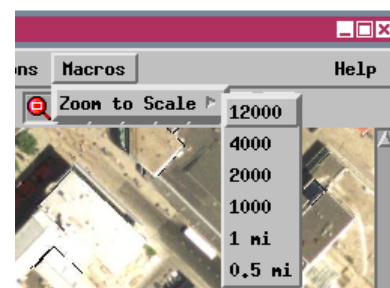
- Geospatial scripting language (SML) can read, modify, and create geospatial data and attribute information for raster, vector, CAD, shape, and TIN
- Create custom standalone processes, automate complex batch processes, or provide turnkey applications with data
- Set up macro scripts with menu options to process geospatial data in a View
- Create interactive tools to select and process geospatial data in a View
- Use a display control script to add custom text and graphics to DataTips to automatically provide rich attribute information for layers in a view
- Write queries using any combination of attributes from relational databases to select geospatial elements for display, editing, or processing
- Design custom point and line symbols for geometric objects using cartographic rendering scripts (cartoscripts)
- Use simplified interactive Geoformula dialog to compute virtual display layers from one or more geodata layers
- Thousands of built-in functions and classes provide access to compiled internal TNT procedures for fast efficient processing
- Image processing pipeline classes for easy assembly of multistep processing streams
- Script Editor with syntax checking, color syntax highlighting, and built-in error messages
- Integrated documentation and hundreds of annotated sample scripts
- Sample "Scripts by Jack" provide an expert approach to processing satellite images and other geospatial data
- Define and add your own functions and procedures with local or global variables
- Create custom dialogs for your scripts using simple XML dialog specification



Custom DataTip with graphic



Polygons from object-finding script



Custom menu in View

[Technical Guides on Scripting](#)

[Scripting tutorials](#)

[Sample Scripts](#)