TNTmips Newsletter — Announcing TNTscript

March 2015

Automated Geospatial Processing Using Local or Cloud Computing Resources

TNTscript is a new MicroImages product designed for automated processing of geospatial data using scripts written in the TNTgis geospatial processing language (SML). TNTscript enables SML scripts to be executed on computers that do not have any other professional TNTgis product installed. If you develop SML processing scripts using TNTmips Pro or TNTedit Pro, TNTscript allows you to execute these scripts on additional computers, at remote sites, or using cloud-computing resources.

Integrate TNTgis Processing into Complex Production Workflows

Using TNTscript, powerful and efficient TNTgis geospatial processes can be integrated into complex automated workflows that utilize multiple software products and custom programs. A custom program monitoring the workflow can call TNTscript as needed and specify the name of an SML script and the required script parameters on the command line or by creating and specifying an XML-formatted text file (SMLX) to convey this information. The data produced by this processing script can then be passed along to the next step in the overall workflow.

Flexible Control over SML Scripts

Run geospatial SML scripts via various types of control scripts such as shell, batch, bash, Python, etc. Runtime TNTscript is a Windows or Mac executable program that provides all of the non-interactive SML processing functionality found in TNTmips Pro. It does not have a user interface, but instead is launched from the command line manually or by another program. TNTscript executes SML scripts without user interaction during processing. All data-specific variables are passed to the SML script by TNTscript at the start of execution.

Create On-Demand Geospatial Products

You can set up a script to run when new data arrives and have it automatically entered into your workflow. Alternatively, you can set up a web interface for internal or external customers to request geospatial products that are created and sent to them automatically.

What Do You Get with TNTscript?

A TNTscript license includes the runtime TNTscript executable (with its own installer) and a professional license for TNTview (optional installation using the TNTgis installer). TNTview provides access to the SML Script Editor for writing, editing, and testing SML scripts for use with TNTscript. When you set the target product as TNTscript, the built-in Script Reference documentation indicates which functions and classes (those related to interactive components such as pop-up dialogs, View windows, etc.) should not be used. Fully interactive scripts can be written and executed from TNTview.

Special Introductory Pricing until 31 May 2015

Single-user Fixed License: **$1,000**   Network (floating) license: **$1,200 per seat**

More Information on TNTscript: TNTscript web page   Technical Guide