

System

Automatic Update of Geocatalogs

TNTmips' geospatial catalog functions let you select data by its geographic location from your hundreds or thousands of Project Files and other map and image geodata file types supported for direct use (e.g., *.tif, *.jp2, *.shp). See the Technical Guides entitled *System: Making Geospatial Catalogs* and *Using Geospatial Catalogs* for more information on this TNT process.

Schedule Update of Geocatalogs

You and/or your associates may frequently add new or modify your TNT Project Files or other geodata files. These activities often affect the geographic extents and other properties of the geodata indexed by your geocatalogs. To keep current with these changes, it may be convenient to set up your geocatalogs for regular and possibly frequent automatic updating. To keep your geocatalogs current, you can schedule automatic updating at the same time you make the geocatalog using the Tools/Geospatial Catalog Manager in TNTmips Pro 2010 Development Version. You can also establish an automatic update schedule at any time the need arises by selecting an existing geocatalog in the Geospatial Catalog Manager and clicking on the Schedule Job button.

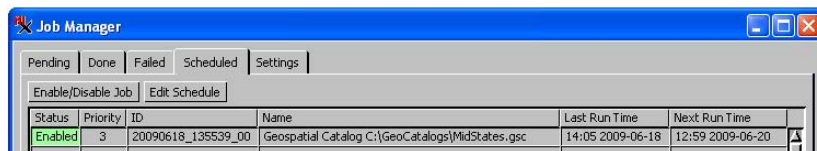
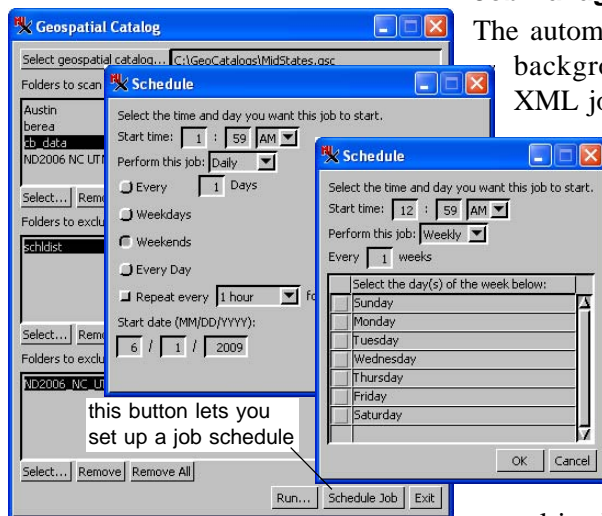
The timing and repeat cycle at which these scheduled jobs to update your geocatalogs are run is completely under your control. The choices at the bottom of the Schedule window (shown above) change with your choice from its *Perform this job* option menu. The choices are Daily, Weekly, and Monthly. The Daily option gives you the choice of specifying a shorter time interval in hours or minutes. You specify day of the month (for example, the

calendar date or the first Sunday) and during what months of the year if you choose the monthly option.

You can set up different schedule intervals for your different geocatalogs. You might, for example, want an hourly interval for your personal projects, a daily interval for your work group or a specific active project's geocatalog, and a weekend time for your archives.

Job Manager Runs Scheduled Updates

The automatic geocatalog update procedure is run in the background by the TNT Job Manager based on its XML job file (see the collection of TechGuides on job processing with TNTmips Pro at <http://www.microimages.com/documentation/JobProcessing.htm>). It adds this job file with the extension *.tntjobschedule to the ScheduleJobs folder within the specified jobs folder that also contains separate folders for any running, failed, or pending, one-time-run jobs all of which have the extension *.tntjob. The Job Manager recognizes this special extension and uses parameters in the file to repeat each scheduled job until you cancel it. If you have already created a job folder, it will be used. If not, you will be prompted to create one. Scheduled jobs added to the jobs folder are automatically enabled to start running and repeat at the intervals specified in their *.tntjobschedule file. You can suspend or delete a scheduled job at any time using the Job Manager.



Updating Catalogs On Demand

You can immediately update any geocatalog at any time without scheduling regular updates. You simply select the desired geospatial catalog in the Geospatial Catalog Manager and click on the Run button.

