Abstract

Building the SRTM Production Management System Interface with ArcIMS

Track: Database Design, Automation, and Management

Author(s): Sridhar Katragadda, Nathan Scretching

A Production Management System (PMS) was designed for the National Imagery and Mapping Agency (NIMA) to schedule and monitor the processing of Shuttle Radar Topography Mission (SRTM) data into finished products. ArcIMS and SQL Server 2000 were used to build the PMS. This paper presents the design, development and implementation of the PMS that is currently used by NIMA. The paper details the programming of ArcIMS to interface with the database and display the SRTM input data, generate and display the required progress, statistical reports and monitor other aspects of the production process in near real-time using a map.

Sridhar Katragadda
PixSell, Inc.
Bldg. 2105, John C. Stennis Space Center
Bay Saint Louis, MS 39529
USA
Phone: 228-688-2856
Fax: 228-688-7262
E-mail: skatragadda@pixsell.com

Nathan Scretching
PixSell, Inc.
Bldg. 2105, John C. Stennis Space Center
Bay Saint Louis 39529
USA
Phone: 228-688-2844
Fax: 228-688-7262
E-mail: nscretching@pixsell.com