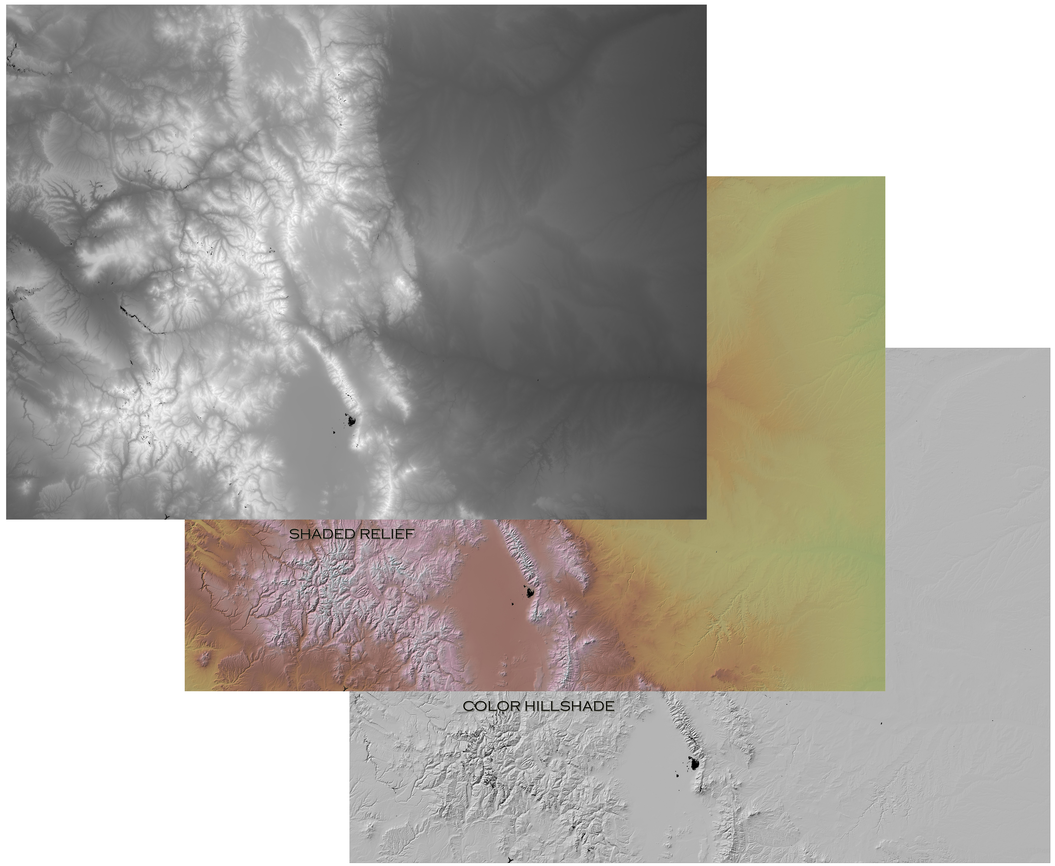
SRTM Data Management - A Provisioning Approach

ABSTRACT:

SANZ has encapsulated a process for provisioning geospatial data assets such as SRTM within a methodology for data management. This methodology was developed to optimize the value of spatial assets by reducing data-processing costs, reducing data-management costs and increasing data usage throughout the enterprise.

The concept of provisioning data is to first have a stock of spatial data prepared before a need arises. Once the need occurs, an efficient provisioning process rapidly extracts and aggregates the SRTM data into a format specific to the end user. To support this process, all of the source data is pre-staged and catalogued for easy search, retrieval, and provisioning.

The ability to access these large datasets in real time or near real time requires a method for developing a virtual catalog of SRTM and other imagery regardless of where it physically resides within the organization. A process for aggregating individual datasets from various alocations on multiple media formats is a necessary component of an enterprise data-cataloging system and form the basis for the design of EarthWhere.



PROVISIONING PROCESS

PROVISION YOUR OWN SRTM

ONLINE DEMO SITE:
http://ewdc.earthwhere.com

UserName: ewguest
Password: ewguest

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