Netscape: journey.html

File Edit View Go Bookmarks Options Directory Help

Back Forward Home Reload Load Images Open... Print... Find... Stop

Location: http://www.npac.syr.edu/projects/ltb/journey.html

Welcome What's New What's Cool Questions Net Search Net Directory

New York State--the Interactive Journey

- New York State--the Interactive Journey is an interactive, three-dimensional, multimedia tour of New York State. The "journey" is based on a three dimensional digital elevation model draped with satellite landcover data, three-dimensional terrain rendering, and links to spatially located multimedia objects such as images, video, and text information. Geographic Information Systems provide a natural multimedia interface to any spatially labeled information, allowing the user to browse the landscape as easily as Mosaic browses the Internet.

- Required InfoVISION technologies to build the "journey" include:
  -- parallel database technologies
  -- MPP server for USGS / Landsat Map and Multimedia database and rendering
  -- Scalable parallel terrain renderer capable of matching resolution with available network bandwidth, host compute capability for 3D, real-time navigation. This approach is similar to NASA Jet Propulsion Laboratory's tours of Mars and California.
  -- delivery over the NYNET gigabit, wide area network.

- The "journey" is an example of a simulation on-demand application.

- The "journey" is an information on demand application of three-dimensional interactive navigation over New York State terrain where students and teachers can add multimedia data Image on-demand including

-- New York State Department of Tourism images of New York State