

Abstract

Migrating AOI and Automated Mapping Applications to the 8.x Platform: One Telecom's Designs and Pseudocode

Track: Telecommunications

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BellSouth's corporate GIS, migrated to the ESRI platform in 1999, is used to manage landbase data in the SouthEast US. To automate tasks such as AOI navigation, map printing, and mapbook creation, custom ArcView 3.x/ArcInfo 7.x applications are used. In 2002, to parallel a upgrade to the ArcGIS 8.x platform, we redesigned these processes to expand the products and allow for wider use. This paper will summarize the conceptual\detailed designs of ArcMap DLL servers we developed for AOI navigation and map\mapbook printing. Pseudocode of "Quicklayer", "MapBuilder", and "Mapbook" will be used to explain logic and implementation of the ArcObjects model.

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