Abstract

Automated Production of a Large Complex Mapset Using ArcGIS
Track: Cartography and Map Production
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Significant time and cost savings were realized by using a unique combination of ArcGIS, MS Access, and Visual Basic DAO and ADO to develop a mapset composed of 125 maps and governed by a complex set of criteria. The criteria required the tool to contain a decision structure and to generate a series of unique cascading queries for each map. Queries were generated and processed within the JET database engine and added to the map documents as event themes, which allowed the map documents to be generated in parallel with the final query logic.

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