Abstract

A Web based application was designed and developed to create a shapefile from a centralized tabular database query with the option of invoking an ArcIMS session in a separate browser window. Query requests were developed through an easy to use browser container and converted to a data object. The data object was converted to a shapefile, an ArcIMS container was invoked, and the newly created shapefile was then passed to the ArcIMS container. The application design was particularly useful for easily querying information from a complex tabular relational database and creating shape files for manipulation with ArcView. Report, chart, and contour map generation were also included as application options.

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