Abstract

Integrating ArcGIS to Enterprise Oracle Spatial Using Direct Connect

Track: Database Design, Automation, and Management

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Many organizations are adopting Enterprise Oracle Spatial as their core database, migrating their traditional methods of maintaining spatial components to a relation data model. This is because Enterprise Oracle Spatial allows various applications to connect and interact with the database directly, instead of through some other interface. While it is recognized that ArcSDE can be used to manage the connectivity between Enterprise Oracle Spatial and ArcGIS, many organizations, including Navigation Technologies are opting to use the Direct Connect capabilities in order to support a read only query of these Enterprise Oracle Spatial tables. This paper describes the methodologies used by Navigation Technologies to integrate ArcGIS via Direct Connect to Enterprise Oracle Spatial databases. Included within this paper will be issues encountered and resolved while integrating ArcGIS to Enterprise Oracle Spatial.

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