

## Spatial Information Editing Component based on OGC

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### Abstract

The information Technology has progressed to the open architecture, component, reusability, and supporting Interoperability. The feature of spatial information is complexity, diversity of data format and diversification of processing skill. Therefore, Geographic Information System is required Interoperability and reusability before everything else. For this, OGC(Open GIS Consortium) is proposing various standard. Ultimate target of the standards only read spatial data on distributed database system together, even if spatial data are very heterogeneous data. However, we can be required not only to read but to modify, because of deficiency in the latest of data, data error or etc. the function of spatial editing component is to insert, to delete and to modify spatial data and non-spatial data in heterogeneous data. In this paper, we define interface for editing spatial information and model data structure based on Simple Feature of OGC implement it using ATL/COM.