

Map symbol and map symbolization sharing based on DCOM

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Abstract. The study of map symbols is one of the basic problems in cartography. The sharing and interoperation of spatial information is the tendency and hotspot in the geographical information field, but the research on the theory and technology of the map symbol sharing relatively gets behind. It is a serious problem to share map symbol and symbolization among different GIS systems and mapping software due to differences in data structures, map symbol model, map symbol drawing mechanism, symbolization interfaces and so on. So we present an approach to share map symbol and map symbolization service based on DCOM with a vector map symbol model.

Keywords. map symbol sharing, DCOM, service