

Position statement for W3C-OGC workshop on Maps for the Web

Dan Little, GeoMoose PSC Chair, using XML to put maps on the web since '04.

At the core of GeoMoose is the Mapbook XML format. Originally, this format was used to not only power the web-based GeoMoose client but also feed the catalog information to other clients (e.g. AutoCAD, WMS providers). GeoMoose has evolved with maps on the web. The Mapbook XML format has provided a reliable and flexible way to describe image and vector data coming from a variety of services. MapML could have an influence on future GeoMoose versions and GeoMoose demonstrates lessons learned using XML to describe maps.

Highlighted lessons:

- A catalog or interactive legend should not be used as a 1:1 relationship with map content.
- A map source can provide multiple layers.
- A single map should be able to support multiple map sources (services, service types)
- Any map will need to communicate its state (location, active layers, mouse position)