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Subject: How can I export a few million geocoded points from IDL to ArcMap?

Posted by [tom.grydeland](#) on Tue, 16 Apr 2013 12:01:53 GMT

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Hi all,

I'm working on a geospatial application where the end product is a few million points worth of timeseries. At the moment, we're producing as much as 20 million points, with as many as 50 points in the time series in every point, plus ~10 other attributes per point.

The user imports the processed results into ArcMap for visualization and analysis. For smaller data sets, I've exported ESRI Shapefiles (IDLffShape), which has worked well, but I'm bumping against the 2 GB file size limit now. IDL appears to write files up to 4 GB that ArcMap can read (both programs disregarding the spec in the same way), but 4 GB appears to be the final limit.

Does anyone know of other alternatives equally accessible from IDL and ArcMap alike?

ESRI file geodatabase appears to be a good fit, with API available. Has anyone made an IDL API for it?

Other suggestions?

--T (Tom.Grydeland@norut.no)

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