

Webinar Q&A

Pure Web Editing for GeoSpatial data using eSpatial's iSMART:

Q: does this product work 'out of the box' or does it always require customer development?

A: The functionality of iSMART that was demonstrated for the Pure Web Editing is all out of the box.

Q: Does the software have SQL (querying) capabilities? Select * from, Group By, etc

A: The Sample webedit application ships with a query capability including selection, buffer selection etc. In addition iSMART allows you programmatic access to the full power of SQL in the Oracle database. We have provided applications with generic query builders as part of customer solutions - This was successfully done for Hull County Council in England recently.

Q: What about mobile applications?

A: iSMART can run stand alone for disconnected users and then reconnect to the database. Applications can be coded for mobile devices such as PocketPC or Palm(our US DoD site supports this... see <http://www.militaryinstallations.dod.mil/ismart/mobile/>)

Q: Do you have GIS topological rules in the software?

A: There is client side topology built into the applet version. Some of this will be ported to the Pure Web Editing. The Pure Web Editor is also extensible so customised business rules can be added.

Q: Can you export the data back to MapInfo tab or ESRI shp?

A: This is possible using third party tools like FME. In a future version of the product we will include access to other GIS data formats. Some of these will support a writing capability.

Q: DO you have spatial queries capability (the 9 spatial operators)?

A: The iSMART product is built on top of Oracle Spatial and takes advantage of as much Oracle Spatial capabilities as possible.

Q: Do you have cogo capability?

A: This can be programmed within an iSMART application.

Q: How much programming knowledge does this require? or is this something that you can provide?

A: All that was viewed during the demonstration comes out of the box with iSMART. Some programming knowledge would be required to extend or customise the product but the installation and administration should not require much if any programming knowledge. eSpatial can provide both training and Consultancy for the use of iSMART.

Q: When do you plan to have feeds from Google maps?

A: Google maps do not provide an API that will allow the integration of its data with other commercial software out of the box. However, the custom application developer can use the Client Google Maps API in tandem with the iSMART API to deliver overlapping imagery on the web browser.

Q: What kind of map-making capabilities do you have? Such as the ones found in ArcView?

A: iSMART has a web based administration tool that lets you add and style layers and also generate Maps.

Q: Is this compatible with 3-D imagery?

A: Not yet, but it is in the roadmap.

Q: What is the foundation for pure snap on web? Data is downloaded to the browser or browser position is sent instead to the server through AJAX/JSON?

A: The JavaScript web API in iSMART 5.3 makes extensive use of both JSON and AJAX as its standards.

Q: Is this compatible with ESRI SDE datasets (Oracle at the back end)?

A: Yes. iSMART will simply updates the geometry column of a table so any changes made by iSMART can be viewed by any other applications updating the underlying tables.

Q: Talking about architecture: what is the role of GIS Applications (OGC Services)?

A: iSMART supports a number of OGC services out of the box.

Q: What are bookmarks for, what can user save?

A: Bookmarks are used to save locations and zoom levels on a map so that you can return to the same location again. Additional rendered Objects added to the users View and annotation can also be saved as part of this bookmark.

Q: Is a trial version available?

A: Yes. Please contact sales@espatial.com and request and evaluation.