

Timo Aarnio
OGC Table Joining Service revision work and PoC

The revision work for OGC Table Joining Service (TJS) was formally started in spring 2018 and the effort is led by National Land Survey of Finland. The revised standard will be based on the OpenAPI specification and a core + modules architecture. This approach for the revision work is similar to the one used with the development of WFS 3.0 standard.

TJS allows users to join spatial and statistical data that share matching ID's and plans are to support also mapping between different ID's. Joined data can then be downloaded or used directly from the generated services. The draft implementation supports a lot of different output formats such as WMS, WFS, GeoJSON and PDF.

The standard specifies a service, which means it needs also a tool to utilize it. In Finland a Proof-of-Concept level tool was implemented as part of the Geospatial Service Platform program. The first version of the PoC is very simple: user uploads the statistical data as CSV and defines the appropriate parameters (spatial dataset, which columns to join etc.) and the joined result is offered in the above mentioned formats. The presentation will include a demo of the PoC's next iteration with more functionality and a status report on the revision work.