Introducing a New Software for Geodetic Analysis

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At the Norwegian Mapping Authority, we are currently developing Where, a new software for geodetic analysis. Where is built on our experiences with the Geosat software, and will be able to analyse and combine data from VLBI, SLR, GNSS and DORIS. The software is mainly written in Python which has proved very fruitful. The code is quick to write and the architecture is easily extendable and maintainable, while at the same time taking advantage of well-tested code like the SOFA and IERS libraries.

This presentation will show some of the current capabilities of Where, including benchmarks against other software packages, and outline our plans for further progress. In addition we will report on some investigations we have done experimenting with alternative weighting strategies for VLBI.