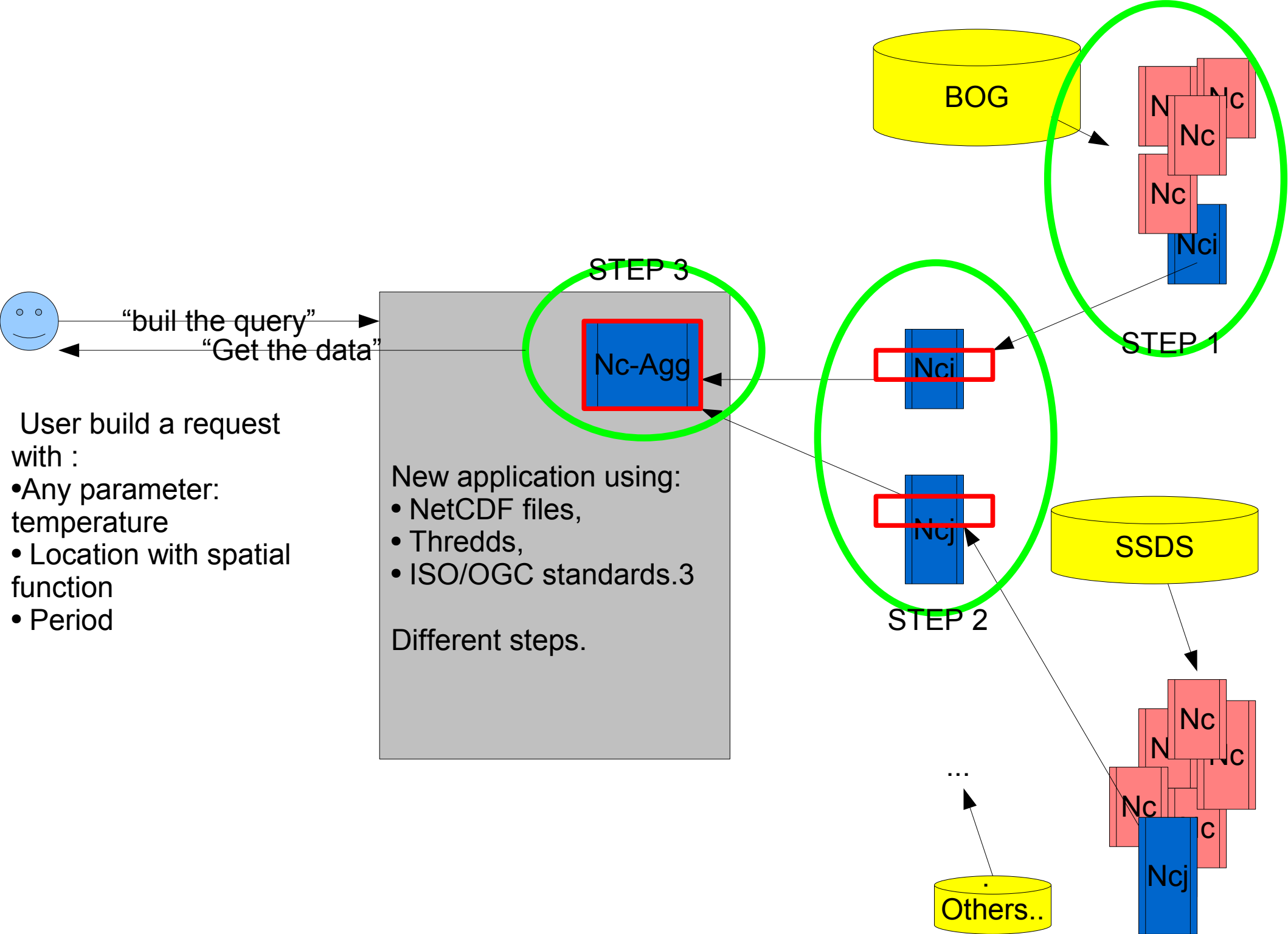




Different steps

- Step 1 : the main step is to locate the relevant NetCDF files among the others: eg Nci and Ncj. Existing tool to locate NetCDF files? Need an application on the top of Thredds. If possible ISO/OGC compliant. OK.
- Step 2 : Subset these files to keep only the relevant records: for the given parameter, location and period. Existing tool: LAS. OK? Need confirmation.
- Step 3 : Aggregate the subset files. Existing tool: Thredds with standard netcdf files. OK

Problems encounter

- I didn't find a way to produce Thredds metadata in an automated way especially geographic and temporal coverage.
- NetCDF files heterogeneous. Different variables names => Thredds aggregation types are impossible (variables names matching). Need common file structures (like Mike Mc Cann standard NetCDF files) used as samples.
- No LAS (set up problems) to subset my NetCDF files.

Recommendations

- Integrate SensorML to the metadata service and relevant spatial and thematic concepts as well,
- Future work only with standard NetCDF files for each kind of platforms, in order to aggregate them,
- Have a LAS to subset the relevant files found with the metadata service.

