# TSGQC TODOS

## List of functionalities

**Instruments**

* Works with data from SBE21, SBE45 or FerryBox
* Have NetCDF4 representation in memory with group for instruments and
* processing level (raw, adjusted, ...)

**GUI**

* ~~Save the last extension for next load~~
* Zoom on map may be constraint from time range
* ~~test if an tsgqc instance is in memory~~ 04/26/2018
* implement mouse function
* update zoom on axes and map, use event and pass coordinates
* use contextual menu for zoom
* zoom with ctrl+wheel mouse
* add control on map to extend/minimize area
* found an (simple) alternative to m\_map
* ~~resolve Quality member and reading '+tsgqc\@dynaload\tsgqc\_netcdf.csv'~~ 04/26/2018
* implement write for GOSUD, OceanSites and ascii
* ~~add external package including m\_map, seawater and climate~~
* apply median filter for high density data
* give variables in a list from a config file