EML Packages from the GCE Data Toolbox

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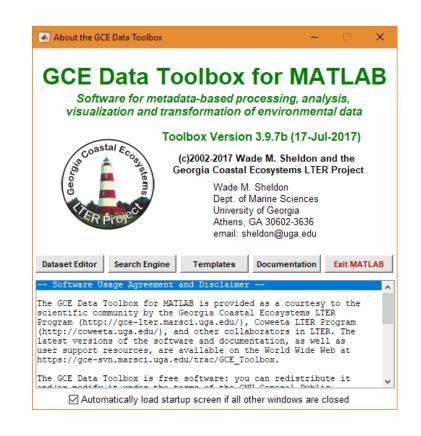






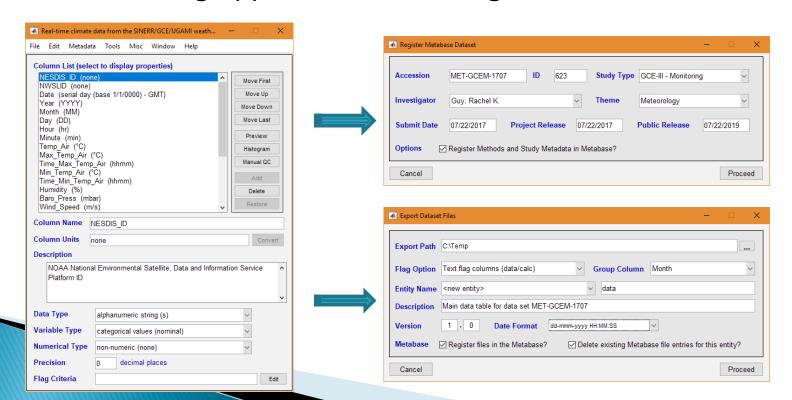
Background

- Generalized MATLAB package for metadatabased data management
- Documentation, attribute, Q/C rule metadata managed in templates
- Metadata applied on import to document and Q/C data
- Ideal for sensor data, but useful for any tabular/SQL data source



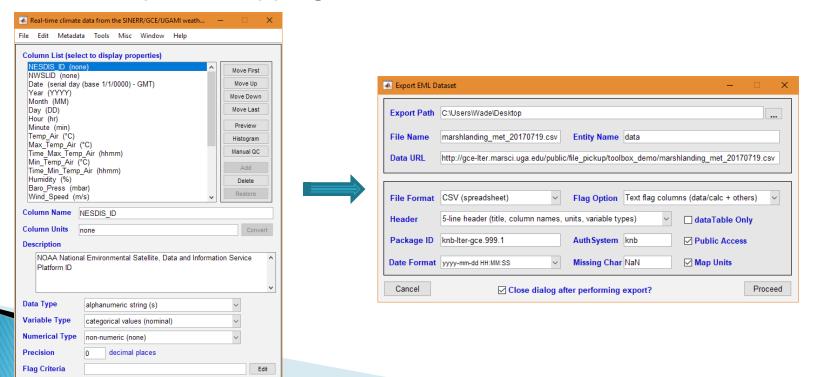
EML Export - Metabase

- Toolbox can now register new data sets in a Metabase instance
- Top-level metadata uploaded via JDBC to create ID/Accession
- Entity files generated and metadata uploaded via JDBC
- Metabase catalog application/services generate PASTA EML



EML Export - Standalone

- Toolbox can also create EML packages for PASTA natively
- Generates complete EML docs with physical and attribute meta
- Can also generate dataTable EML fragments for adding to EML docs
- Q/C flags automatically documented as coded text columns
- Unit dictionary unit mapping or auto custom units with STMML



More Info

CE Data Toolbox website: https://gce-svn.marsci.uga.edu/trac/GCE_Toolbox

Support resources: https://gce-svn.marsci.uga.edu/trac/GCE_Toolbox/wiki/Support

Toolbox is FOSS (but requires MATLAB)