Easy matlab output

- To make it easier to get started writing code for generating a matlab script we have provided several utility functions to help
  - util::write_matlab_vector
  - util::write_matlab_matrix
  - util::to_string(util::COOMatrix<T> …)
  - util::generate_filename(…)
- To help generate stript data for meshes GLUE provides
  - glue::matlab_write_mesh(…)

Example (1/2)

- Here we show code to generate a matlab script for drawing the mesh. First you write data as matlab arrays, like this
  - std::ofstream script;
  - ....
  - script << "close all;" << std::endl;
  - script << "clear all;" << std::endl;
  - script << "clc;" << std::endl;
  - script << "T_" << count << " = " << matlab_write_mesh(triangles) << ";" << std::endl;
  - script << "px_" << count << " = " << util::matlab_write_vector(px) << ";" << std::endl;
  - script << "py_" << count << " = " << util::matlab_write_vector(py) << ";" << std::endl;
- Here “count” is supposed to be a integer variable that counts the number of frames that you have generated to far.