```
vertices
     geometry
                                    [nvertices, dim]
                                         cells
      topology
                                   [ncells, ncorners]
                                    displacement
    vertex_fields
                               [ntsteps, nvertices, dim]
                                       velocity
                               [ntsteps, nvertices, dim]
                                        stress
     cell_fields
                             [ntsteps, ncells, tensorsize]
                                        strain
                             [ntsteps, ncells, tensorsize]
        time
      [ntsteps]
      stations
[nvertices, maxstrlen]
```