



GridReader
<div>+ CGNS(in fileName: std::string): const GridDat</div>

GridData
<div>+ dimension: const unsigned</div> <div>+ coordinates: Eigen::MatrixXd</div> <div>+ triagleConnectivity: Eigen::MatrixXi</div> <div>+ quadrangleConnectivity: Eigen::MatrixXi</div> <div>+ tetraedronConnectivity: Eigen::MatrixXi</div> <div>+ hexaedronConnectivity: Eigen::MatrixXi</div> <div>+ pyramidConnectivity: Eigen::MatrixXi</div> <div>+ prismConnectivity: Eigen::MatrixXi</div>

GridBuilder
<div>+ build(in gridData: GridData&): const Grid</div>

Grid
<div>+ <u>dimension: const unsigned</u></div> <div>+ elements: std::vector<Element></div> <div>+ vertices: std::vector<Vertex></div>