Advanced tailor-made GiD-based GUIs for engineering applications

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This talk will present the capabillities of the CompassLIB library for customising GiD for specific applications. CompassLIB preprocessing features a tree-like interface, linked to a XML database, allowing efficiently manage all the required data for a multi-physics analysis. Furthermore, CompasLIB include sophisticated tools for generating parametric models. Finally, regarding the postprocessing side, the utilities include advanced features ranging for powerful animation controls or quasi-automatic report generation to particle tracking tools.

Several examples of advanced GUIs, developed by Compass IS for relevant companies of different engineering sectors, will be presented.