

2010.01.05 - blueCAPE presents gbXML2STL Exporter

blueCAPE proudly presents its gbXML2STL Exporter

Currently, the simulation of physical processes inside buildings and their surroundings is being carried out more and more often, due to its importance when trying to estimate and improve any given building's performance, energy or otherwise. However, in the current state-of-practice, many simulation processes are incomplete, ignoring important physical aspects or considering them with low-resolution models, or complex, combining different tools with awkward data-exchange procedures.

gbXML2STL is a small but, we believe, important contribution towards complete and accurate simulations of physical processes in the built environment. It converts the geometrical information contained in gbXML files into the more common STL format. The latter is an older format in the Computer Aided Engineering field and thus more readily accepted by sophisticated and powerful simulation tools used in other domains of engineering practice. For simplicity, it is a command line driven utility, able to export relevant building components (openings, rooms and connections between rooms) as solid objects into a single STL file, or into individual STL files, discriminating them adequately. For more information please visit our product page.

blueCAPE is an engineering services company incorporated in 2004. It works for several multinational companies in Portugal and abroad. It is market leader in the home market, due to its expertise and focus on the client. We are open to discuss global partnerships in this field of activity.