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Datakit rethinks one of its most popular converters: Catia V5 to SolidWorks

Datakit's converters, with their unique depth of capability, have become a favourite of the SolidWorks community. These tools enable users to transfer a wealth of native data: 2D, 3D, geometric, topological, attributes, construction history, FD&T and Features with a wide choice of control parameters addressing specific user needs (choice of coordinate system, entity filtering, etc.)

Early in 2007, Datakit decided to completely overhaul its interface Catia V5 to SolidWorks so that it could integrate all the modules available for Catia V5.

Just a few months later the result is there, and Catia V5 to SolidWorks now boasts a number of major developments with benefits that can be measured directly in file processing times and supported entity types.

Memory has been broadly optimised and now, assembly tree management in SolidWorks 100% matches the way it works in Catia V5. Firstly the tree structure is read and then stored, and then all the information are processed.

This method can be used to optimally get information, such as, for example, flexibles assemblies or component nodes in the transformation matrixes. A direct consequence of this is the enhanced ability to assign visibility attributes in the assembly tree.

As in the previous version, users have all the assembly tree preview functions to help to choose the level at which they want to open the elements they are interested in. The different filters - wireframe, surface or features - are also still available.

An option can be used to convert the surfaces to NURBS or keep them analytical. This function is especially valuable for users who want to work with features.

Globally the overhaul will make it easier for users to integrate all the innovations available in the libraries supplied to software companies as and when they are released

Please refer to this URL on the Datakit WEB site for the Catia V5 to SolidWorks new plug-in solution:

http://www.datakit.com/page_telechargements_plug.php