

What's New in V75 ?

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Utils

Readers

- Acis
 - Added version number into Dtk_ComponentPtr (FileVersion)
 - Set tolerance to tedge and tolerance vertex
 - Added Dtk_InfoPtr to loop, coedge and edge
 - Added support for new attributes
 - Fixed some cases of periodic curve
 - Fixed some memory leaks
 - Fixed some cases of offset surface
- Catia V5
 - Improvement in the conversion of fillet to nurbs.
 - The PMI Construction geometries engine has been rewritten to handle all cases
- Catia V6
 - Added support for CatiaV6 R2012x.
- Inventor
 - Added support of corrupted files
 - Added version number into Dtk_ComponentPtr (FileVersion)
 - Fixed some cases of untraceable directory
 - Fixed part decoding bugs (Old file version 9 SP2)
 - Fixed a binary problem (File version 4 SP1 updated to 2011)
 - Fixed some memory leaks
 - Fixed some cases of unread color
 - Fixed some bugs on Linux
- Jt
 - New FDT Reading, FDT under license.
 - assembly matrix correction.
 - speed enhancement.
 - V9.x bad files now supported.

- Proe
 - File from version 18.0 and 20.0 no longer processed
 - FDT color if available
 - [Dtk Roughness](#) available
 - Bugs fixing
- Solidedge
 - General improvement
 - Added the ST5 support.
 - Geometry correction on UV curve
 - Fixed string guid for metadata
 - Fixed binary problem
- Solidworks
 - General improvement
 - Geometry correction on UV curve
- Step
 - Reworked the low level parser, for better robustness, better memory use, better future flexibility
 - New mode to drive how product names are read : function `stepr_SetComponentNameMode`
 - Better support of files with orphan geometries (cases of wrong structure) to get all
 - For cases of orphan geoms or several roots, added attribute in RootComponent or each [Dtk Node](#): "Step_AddedItem"
 - Reading FDT : update on last rec.pracs of CAx-IF (especially for the link between graphical and semantic parts)
 - Added [Dtk NodeConnector](#) for FDT.
 - Fixed reading of Axis System
 - Log file with inventory (list of types and counts of entities; header)
 - Reading periodic nurbs (mode without computation) : fixed a case of wrong trimming
- Unigraphics
 - General improvement
 - Geometry correction on UV curve
 - Fixed binary problem
 - Fixed unicode character problem on Text
- XmtReader (PSKERNEL based Parasolid Reader):
 - General improvement
 - Geometry correction on UV curve

Writers

- Catia V5
 - Writing Axis System is now supported.

- Step
 - Writing FDT : update on last rec.pracs of CAx-IF (especially for the link between graphical and semantic parts)
 - Writing colors : fixed when no global color (on the shell or solid) is set
 - Writing Axis System : fixed the name (to be written with the AXIS2_PLACEMENT_3D)
 - Writing flatten assemblies : fixed writing of product structure
 - Log file with inventory (list of types and counts of entities; header)