

New functionalities in 3D_Evolution 2011 SP2

1. Local simplification of parts and bodies.
2. Simplification of geometries.
3. Maximum simplification in one step.
4. Possibility to exclude or force removal of specific parts from simplification.

Interfaces

1. General improvements of all CAD readings including Inventor, ProEngineer and Unigraphics.
2. Reading Catia V5 R21 files.
3. Reading ProEngineer Creo files.
4. Reading SolidWorks 2011 SP3 files.

PMI & Annotations

1. Writing PMI in 3DPDF files.

Writing Plug-ins

1. All CAD plug-ins have been updated.
2. Plug-in for Inventor 2010 64 bits.
3. Plug-in for ProEngineer Creo 32 bits and 64 bits.
4. Plug-in for SolidWorks 2011 32 bits.

List of Resolved Bugs since SP1

Bug ID	Product	Status	Description
283	3D_Evolution / 3D_Analyzer	Resolved	Enhancement request... Batch mode to understand assembly vs Part
346	3D_Evolution / 3D_Analyzer	Resolved	Problem with catpart with Axis to axis transformation
390	3D_Evolution / 3D_Analyzer	Resolved	ProE reading Quality is bad
397	3D_Evolution / 3D_Analyzer	Resolved	ProE wf4 files not opened
419	3D_Evolution / 3D_Analyzer	Resolved	Read fail
455	3D_Evolution / 3D_Analyzer	Resolved	Load failed
558	3D_Evolution / 3D_Analyzer	Resolved	Solid works assembly load failure
560	3D_Evolution / 3D_Analyzer	Resolved	Bad faces in STEP file
568	3D_Feature Based Conversion	Resolved	3devolution 2011 sp0 solidworks feature reader and plugin inventor 9 x 64
632	3D_Feature Based Conversion	Resolved	Problem with Pro/E plugin with brep
650	3D_Evolution / 3D_Analyzer	Resolved	Crash during saving data
657	3D_Feature Based Conversion	Resolved	V5 to PRO/E 4.0 Sketch Names incorrect
698	3D_Evolution / 3D_Analyzer	Resolved	Incorrect name when converting ARC file to SolidWorks Xt
703	3D_Evolution / 3D_Analyzer	Resolved	Ug assemblies non opened
732	3D_Evolution / 3D_Analyzer	Resolved	Write PMI to 3DPDF
733	3D_Evolution / 3D_Analyzer	Resolved	PMI view support
734	3D_Evolution / 3D_Analyzer	Resolved	Loading issue V4 files "DISPLAY FILTER BEHAVIOR"
752	3D_Evolution / 3D_Analyzer	Resolved	Big problems with Ug files

Bug ID	Product	Status	Description
765	3D_Evolution / 3D_Analyzer	Resolved	Inventor reading problem
784	3D_Evolution / 3D_Analyzer	Resolved	Saving STEP files and reading into Inventor
785	3D_Evolution / 3D_Analyzer	Resolved	Evolution 2011 SP1 to Evolution 2010.353
788	3D_Evolution / 3D_Analyzer	Resolved	Unmanaged features on SolidWorks data
790	3D_Evolution / 3D_Analyzer	Resolved	Installation problem on ug nx75 plugin 32 bit
791	3D_Evolution / 3D_Analyzer	Resolved	Ug parts perfect visible in Ug and invisible in 3devolution
792	3D_Evolution / 3D_Analyzer	Resolved	Stability problem on UG file
801	3D_Evolution / 3D_Analyzer	Resolved	NX 5.0 Assembly load error
804	3D_Evolution / 3D_Analyzer	Resolved	CATIA V5 Fillet feature not read
806	3D_Evolution / 3D_Analyzer	Resolved	PRO/E WF 4.0 load failure
816	3D_Evolution / 3D_Analyzer	Resolved	NX to V5 plugin - model
819	3D_Evolution / 3D_Analyzer	Resolved	PMI reading issues CATIA
820	3D_Feature Based Conversion	Resolved	PRO/E 4.0 Save issue
829	3D_Evolution / 3D_Analyzer	Resolved	Reading CPL problem in CADD5 files
833	3D_Evolution / 3D_Analyzer	Resolved	3D_Viewer .ct files
835	3D_Evolution / 3D_Analyzer	Resolved	Stitching infinite loop with CATPart
840	3D_Evolution / 3D_Analyzer	Resolved	NX 7.5 Load problem
849	3D_Evolution / 3D_Analyzer	Resolved	Unigraphics - crash while opening
853	3D_Evolution / 3D_Analyzer	Resolved	Unigraphics - surface mistakes
865	3D_Evolution / 3D_Analyzer	Resolved	Unable to load some external links in ProE files
872	3D_Evolution / 3D_Analyzer	Resolved	NX 7.5 Load problem
873	3D_Evolution / 3D_Analyzer	Resolved	Shader Effects
885	3D_Evolution / 3D_Analyzer	Resolved	CATpart is loading only every second time
887	3D_Evolution / 3D_Analyzer	Resolved	NX 7.5 Load problem