



# 3D\_Evolution 2011 SP1 Interfaces List

Last update: July 18, 2011

- : Available
- : Development in progress
- : Not developed

Interface	Extension	Reading						Writing						
		Version	Facet Triangle	BRep	Feature	Assembly	PMI	Version	Facet Triangle	BRep	Feature	Assembly	PMI	
<b>Standard</b>														
IGES	.igs .iges	5.2						5.2						
		5.3						5.3						
Nastran	.nas	-						-						
STEP	.stp .step	AP203 & AP214						AP203 & AP214						
STL	.stl	-						-						
VDA	.vda	FS 2.0						-						
VRML	.wrl .vrml	97 97Zip						97 97Zip						
XML Teamcenter	.xml	-						-						
XML Tecnomatix	.xml	-						-						

Interface	Extension	Reading						Writing					
		Version	Facet Triangle	BRep	Feature	Assembly	PMI	Version	Facet Triangle	BRep	Feature	Assembly	PMI
<b>Native</b>													
Acis	.sat	All → R19						All → R19					
CADD5 CAMU	._pd ._ps	4 & 5						4 & 5					
Catia V4	.model .dlv .exp .session	All 4.x						All 4.x					
Catia V5	.CATPart .CATProduct .cgr	R10 → R20						R7 → R20					
Euclid	.e3i	All 3.x						-					
Straessle Euklid	.edx	-						-					
Ideas	.arc .unv	All → NX5						-					
Inventor	.ipt .iam	2009						-					
JtOpen	.jt	All → 9.5						8.1					
Medusa 3D	.asc	-						-					
Pro/Engineer	.prt .xpr .asm .xas	13 → WF5						-					
Pro/Engineer neutral	.neu	13 → WF5						13 → WF5					
Robcad	.rf	-						-					
Siemens Unigraphics	.prt	11.1 → NX7.5						NX4 → NX6					

Interface	Extension	Reading						Writing					
		Version	Facet Triangle	BRep	Feature	Assembly	PMI	Version	Facet Triangle	BRep	Feature	Assembly	PMI
SolidWorks	.sldprt .prt .sldasm .asm	All → 2010						-					
Visi	.wkf	-						-					
Xt	.x_t .xmt_txt .x_b	All → 22						All → 22					

Interface	Extension	Reading						Writing					
		Version	Facet Triangle	BRep	Feature	Assembly	PMI	Version	Facet Triangle	BRep	Feature	Assembly	PMI
<b>Native by dll</b>													
Acis with InterOp	.sat	-						-					
Adobe PDF 3D	.pdf	-						2.0.4					
Autocad	.dwg	-						-					
Catia V5 with InterOp	.CATPart .CATProduct .cgr	-						-					
Holos	.mod	-						-					
JT with JTOpen	.jt	-						-					
OpenNurbs Rhino	.3dm	-						3					

Interface	Extension	Reading						Writing					
		Version	Facet Triangle	BRep	Feature	Assembly	PMI	Version	Facet Triangle	BRep	Feature	Assembly	PMI
<b>Using a plug-in</b>													
Catia V5	.CATPart .CATProduct .cgr							R17 → R20					
Ideas	.pkg .mf1	10 → NX5						10 → NX5					
Inventor	.ipt .iam							2009 2011					
Pro/Engineer	.prt .xpr .asm .xas							WF2 → WF5					
Siemens Unigraphics	.prt .asm							NX4 → NX7.5					
SolidWorks	.sldprt .prt .sldasm .asm							2007 → 2011					