



3D_Evolution 2012 SP2 Interfaces List

Last update : February 21st, 2013

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

Interface	Extension	Reading						Writing					
		Version	Facet Triangle	BRep	Feature	Assembly	PMI	Version	Facet Triangle	BRep	Feature	Assembly	PMI
Standard													
IGES	.igs .iges	5.2						5.2					
		5.3						5.3					
Nastran	.nas	-						-					
STEP	.stp .step	AP203 AP214 AP242						AP203 AP214 AP242					
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
Native													
Acis	.sat	All → R21						All → R19					
CADDS CAMU	._pd ._ps	4 & 5						4 & 5					
Catia V4	.model .dlv .exp .session	All 4.x						All 4.x					
Catia V5	.CATPart .CATProduct .CATDrawing .cgr	R10 → R22						R7 → R20					
Catia V6	.3Dxml	R210						-					
Euclid	.e3i	All 3.x						-					
Straessle Euklid	.edx	-						-					
Ideas	.arc .unv	All → NX5						-					
Inventor	.ipt .iam	All → 2012						-					
JtOpen	.jt	All → 9.5						8.1					
Medusa 3D	.asc	-						-					
Pro/Engineer	.prt .xpr .asm .xas	13 → Creo 2.0						-					

Interface	Extension	Reading						Writing					
		Version	Facet Triangle	BRep	Feature	Assembly	PMI	Version	Facet Triangle	BRep	Feature	Assembly	PMI
Pro/Engineer neutral	.neu	13 → WF5	✓	✓	✗	✓	✗	13 → WF5	✓	✓	✗	✓	✗
Robcad	.rf	-	✓	✓		✓		-	✓	✓		✓	
Siemens Unigraphics	.prt	11.1 → NX8	✓	✓	✓	✓	✓	NX4 → NX6	✗	✗	✗	✗	✗
SolidWorks	.sldprt .prt .sldasm .asm	All → 2012	✗	✓	✗	✓	✗	-	✗	✗	✗	✗	✗
Visi	.wxf	-		✓				-		✗			
Xt	.x_t .xmt_txt .x_b	All → 20	✗	✓		✓		All → 19	✗	✓		✓	

Interface	Extension	Reading						Writing					
		Version	Facet Triangle	BRep	Feature	Assembly	PMI	Version	Facet Triangle	BRep	Feature	Assembly	PMI
Native by dll													
Acis with InterOp	.sat	-		✓		✓		-		✓		✓	
Adobe PDF 3D	.pdf	-	✗	✗		✗	✗	2.0.4	✓	✗		✓	✗
Autocad	.dwg	All → 2010	✓	✓		✓		-	✗	✗		✗	
Catia V5 with InterOp	.CATPart .CATProduct .cgr	-	✗	✗		✗		-	✗	✓		✓	
Cosmos 3D	.csb	-	✓	✓		✓		-	✓	✓		✓	
Holos	.mod	-		✗				-		✓			
JT with JTOpen	.jt	-	✓	✓		✓	✓ <small>* Only generic pmi.</small>	-	✓	✓		✓	
OpenNurbs Rhino	.3dm	-	✗	✗				3	✗	✓			