

JT Spec

1. ENTITY Mapping

ENF Entity	ENF Editor Class	CAD Entity (Parasolid Brep)	CAD Entity (Legacy Brep)
Component	EEComponent	Assembly	Assembly
		Part	Part
Volume	EEBrepVolume	Body Node	Body Node
Volume (Closed)		Solid Body	Region
Volume (Open)		Sheet Body	-
Shell	EEBrepShell	Shell	Shell
Face	EEBrepFace	Face	Face
Surface	EEBrepSurface	Surface	Surface
Loop	EEBrepLoop	Loop	Loop
Edge	EEBrepEdge	Edge	Edge
Curve	EEBrepCurve	Curve	Curve
Vertex	EEBrepVertex	-	-
Face (Isolated)	EEBrepFace	Sheet Body	Face
Edge (Isolated)	EEBrepEdge	Wire Body	Wire
Vertex (Isolated)	EEBrepVertex	Minimum Body	Polygon Point

Table.1 Entity Mapping between ENF and CAD

Note !

CAD entities colored in gray are not recommended and not used in standard scenarios

CAD to ENF Spec Though JT does not have vertex, vertex is created by ASFALIS translator.

ENF to CAD Spec Vertex (Isolated) is always converted as Polygon Point in Legacy Brep.
 Edge (Isolated) is always converted as Wire in Legacy Brep.
 Export of CAD entities colored in gray are not supported.