

SOLIDWORKS Spec

1. ENTITY Mapping

ENF Entity	ENF Editor Class	CAD Entity
Component	EEComponent	Assembly
		Part
Volume (Closed)	EEBrepVolume	SolidBody
Volume (Open)		SheetBody
Shell	EEBrepShell	-
Face	EEBrepFace	Face
Surface	EEBrepSurface	Surface
Loop	EEBrepLoop	Loop
Edge	EEBrepEdge	Edge
Curve	EEBrepCurve	Curve
Vertex	EEBrepVertex	Vertex
Face(Isolated)	EEBrepFace	-
Edge(Isolated)	EEBrepEdge	Curve
Vertex(Isolated)	EEBrepVertex	-

Table.1 Entity Mapping between ENF and CAD