

# iCAD Spec

## 1. ENTITY Mapping

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

Table.1 Entity Mapping between ENF and CAD