

# STEP Spec

## 1. ENTITY Mapping

ENF Entity	ENF Editor Class	CAD Entity
Component	EEComponent	PRODUCT
Volume	EEBrepVolume	GEOMETRIC_REPRESENTATION_ITEM
Shell	EEBrepShell	CONNECTED_FACE_SET
Face	EEBrepFace	FACE
Surface	EEBrepSurface	SURFACE
Loop	EEBrepLoop	LOOP
Edge	EEBrepEdge	ORIENTED_EDGE
Curve	EEBrepCurve	EDGE_CURVE
Vertex	EEBrepVertex	VERTEX_POINT
Face(Isolated)		CURVE_BOUNDED_SURFACE
Edge(Isolated)	EEBrepEdge	TRIMMED_CURVE
Vertex(Isolated)	EEBrepVertex	VERTEX_POINT

Table.1 Entity Mapping between ENF and CAD