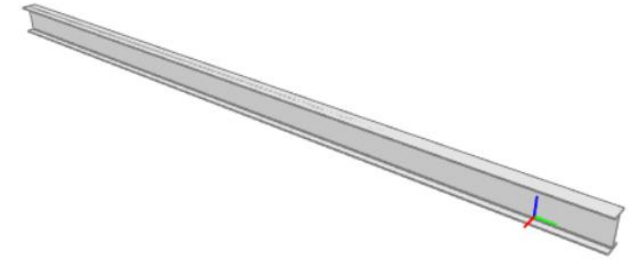




IFC-SG

Quick start exercise – STR discipline

STR Discipline



EXERCISE 01 :

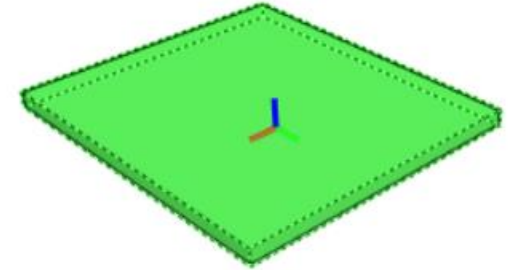
Preparing a beam with beam span type information

Agency	Identified Component	Identified parameters	Revit Representation	Archicad Representation	Tekla Structures Representation	Bentley OpenBuildings Representation	Discipline	IFC4 Entities	IFC Sub Types (* = USERDEFINED)	Property Set	Property Name	Property Type	Property Unit
BCA	Beam	Beam Span Type	Structural Framing	Beam	Beam	Beam	STR	IfcBeam	BEAM	SGPset_Beam	BeamSpanType	Label	N.A

IFC EXPORT OUTCOME

Element Specific	
Guid	1Mr7AF1mTFn8rPG\$Cvgnl4
IfcEntity	IfcBeam
Name	UB-Universal Beams:UB305x165x40 318861
ObjectType	UB-Universal Beams:UB305x165x40
PredefinedType	BEAM
SGPset_Beam	
BeamSpanType	End Span

STR Discipline



EXERCISE 02 :

Preparing a **raftslab** with the **mark information**

Agency	Identified Component	Identified parameters	Revit Representation	Archicad Representation	Tekla Structures Representation	Bentley OpenBuildings Representation	Discipline	IFC4 Entities	IFC Sub Types (* = USERDEFINED)	Property Set	Property Name	Property Type	Property Unit
BCA	Raft Slab	Mark	Floors	N.A	Concrete Slab	N.A	STR	IfcSlab	*RAFTSLAB	SGPset_SlabReinforcement	Mark	Label	N.A

IFC EXPORT OUTCOME

Element Specific	
Guid	1Mr7AF1mTFn8rPG\$CvgoP8
IfcEntity	IfcSlab
Name	Foundation Slab:Standard:319489
ObjectType	RAFTSLAB
PredefinedType	USERDEFINED

SGPset_SlabReinforcement	
Mark	SampleValue

