Merged 24 schema features read from 1 datasets into 24 resulting feature types

Opened mapping File C:/Users/guler/AppData/Local/Temp/fme Ps7800.fme for output

Mapping File Generation was SUCCESSFUL

FME Session Duration: 11.5 seconds. (CPU: 11.2s user, 0.4s system)

END - ProcessID: 8996, peak process memory usage: 39972 kB, current process memory usage: 39972 kB

Mapping File Generation was SUCCESSFUL

Reading file

FME 2018.1.0.3 (20180926 - Build 18552 - WIN64)

FME\_HOME is 'C:\Program Files\FME\'

FME Home Edition (node locked-crc)

Serial Number: 0

Temporary License: 245 days left.

Machine host name is: LAPTOP-NHVD3KS5

START - ProcessID: 15456, peak process memory usage: 26364 kB, current process memory usage: 26236 kB

FME Configuration: Command line arguments are `C:\Program Files\FME\fme'

`C:\Users\guler\AppData\Local\Temp\fme-control-CJ7800.tmp' `LOG\_STANDARDOUT' `YES'

FME Configuration: Connection Storage: 'C:\Users\guler\AppData\Roaming\Safe Software\FME\'

 $Shared\ folders\ for\ formats\ are: C:\Program\ Files\FME\ data sources; C:\Users\guler\ Documents\ FME\ Formats\ datasources; C:\Users\ Guler\ Documents\ FME\ Formats\ Guler\ Gul$ 

Shared folders for coordinate systems are: C:\Users\guler\Documents\FME\CoordinateSystems

Shared folders for coordinate system exceptions are: C:\Users\guler\Documents\FME\CoordinateSystemExceptions

Shared folders for coordinate system grid overrides are:

C:\Users\guler\Documents\FME\CoordinateSystemGridOverrides

Shared folders for CS-MAP transformation exceptions are:

C:\Users\guler\Documents\FME\CsmapTransformationExceptions

Shared folders for transformer categories are: C:\Users\guler\Documents\FME\TransformerCategories

FME Configuration: Reader Keyword is 'IFC'

FME Configuration: Writer Keyword is `CITYGML'

FME Configuration: Writer Group Definition Keyword is `CITYGML DEF'

FME Configuration: Reader type is 'IFC'

FME Configuration: Writer type is `CITYGML'

FME Configuration: No destination coordinate system set

FME Configuration: Current working folder is `C:\Users\guler\Desktop\Benchmark'

FME Configuration: Temporary folder is `C:\Users\guler\AppData\Local\Temp', set from environment variable `TEMP'

FME Configuration: FME\_HOME is `C:\Program Files\FME\'

FME Configuration: FME\_BASE is 'no'

FME Configuration: FME\_MF\_DIR is 'C:\Users\guler\AppData\Local\Temp\/'

FME Configuration: FME\_MF\_NAME is 'fme-control-CJ7800.tmp'

FME Configuration: FME\_PRODUCT\_NAME is 'FME(R) 2018.1.0.3'

System Status: 73.27 GB of disk space available in the FME temporary folder (C:\Users\guler\AppData\Local\Temp)

System Status: 128.00 TB of virtual memory available

Operating System: Microsoft Windows 10 64-bit (Build 17763)

FME Platform: WIN64

Locale: tr TR

Code Page: 65001 (UTF-8)

FME Configuration: Process limit is 15.86 GB of physical memory

FME Configuration: Start freeing memory when process usage exceeds 47.59 GB of virtual memory

FME Configuration: Stop freeing memory when process usage is below 35.69 GB of virtual memory

Creating writer for format: CityGML

Trying to find a DYNAMIC plugin for writer named `CITYGML'

Loaded module 'CITYGML' from file 'C:\Program Files\FME\plugins/CITYGML.dll'

FME API version of module 'CITYGML' matches current internal version (3.8 20180604)

Creating reader for format: Industry Foundation Class STEP Files (IFC)

Trying to find a DYNAMIC plugin for reader named `IFC'

Loaded module 'IFC' from file 'C:\Program Files\FME\plugins/ifc/ifc.dll'

FME API version of module 'IFC' matches current internal version (3.8 20180604)

Detected IFC version 2X3.

IfcSpace instances will have no geometry.

FME API version of module 'CITYGML' matches current internal version (3.8 20180604)

FME API version of module 'CITYGML' matches current internal version (3.8 20180604)

CityGML Writer: No Document encoding set, defaulting to UTF-8.

The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_aixm.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_inspire.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_sosi.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_urimap.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_citygml.xml' is being used to map from URI to URI URI 'CityGML.xsd' mapped to 'file:///C:/Program Files/FME/xml/schemas/CityGML/CityGML/1.0.0/CityGML.xsd' Parsing schema document 'file:///C:/Program Files/FME/xml/schemas/CityGML/CityGML/1.0.0/CityGML.xsd' ...

A <schemaLocation> in the uri-map is overriding the namespace 'http://www.w3.org/1999/xlink' xsd location from 'http://schemas.opengis.net/gml/3.1.0/xlink/xlinks.xsd' to 'xlink.xsd'

A <schemaLocation> in the uri-map is overriding the namespace 'http://www.w3.org/1999/xlink' xsd location from 'http://schemas.opengis.net/gml/3.1.0/xlink/xlinks.xsd' to 'xlink.xsd'

Using XSD semantics configuration file 'file:///C:/Program Files/FME/xml/CityGML/CityGML\_config.xml'.

Creating reader for format: XML (Extensible Markup Language)

Trying to find a DYNAMIC plugin for reader named `XML'

Loaded module 'XML' from file 'C:\Program Files\FME\plugins/XML.dll'

FME API version of module 'XML' matches current internal version (3.8 20180604)

Opening the XML reader with source dataset 'C:\Users\guler\AppData\Local\Temp\FME\_155202988032\_15456.xfmap' FME Configuration: Using FME Reprojection Engine

The XML Reader is using xfMap 'C:\Program Files\FME\xml\CityGML\CityGML\_meta\_schema\_xfmap.xml' The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_aixm.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_inspire.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_inspire.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_sosi.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_urimap.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_urimap.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_urimap.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_urimap.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_urimap.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_urimap.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_urimap.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_urimap.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_urimap\gml\_urimap.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_urimap\gml\_urimap.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_urimap\gml\_urimap.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_urimap\gml\_urimap.xml' is being used to map from URI to URI The uri-map document 'C:\Program Files\FME\xml\urimap\gml\_urimap\gml\_urimap\gml\_urimap\gml\_urimap\gml\_urimap\gml\_urimap\gml\_urimap\gml\_urimap\gml\_urimap\gml\_urimap\gml\_urimap\gml\_urimap\gml\_urimap\

IFC: Length unit determined to be 'MILLIMETER'. One 'MILLIMETER' is 0.001 meters

IFC: 5000 objects read

IFC: 10000 objects read

IFC: 15000 objects read

IFC: 20000 objects read

IFC: 25000 objects read

IFC: 30000 objects read

IFC: 35000 objects read

IFC: 40000 objects read

IFC: 45000 objects read

IFC: 46615 objects read

FME Configuration: Source coordinate system for reader IFC[IFC] set to `IFC\_COORDSYS\_0' as read from input data Coordinate System `IFC\_COORDSYS\_0' parameters: CS\_NAME=`IFC\_COORDSYS\_0' DT\_NAME=`WGS84'

ORG\_LAT=`51.91602999972222' ORG\_LNG=`4.4868999997222225' PROJ=`AZMED' QUAD=`1'

UNIT=`MILLIMETER' X\_OFF=`0.0' Y\_OFF=`0.0'

FME Configuration: Destination coordinate system set to input coordinate system `IFC COORDSYS 0'

Reading source feature # 2500

Reading source feature # 5000

Reading source feature # 7500

Reading source feature # 10000

Reading source feature # 12500 Reading source feature # 15000 Reading source feature # 17500 Reading source feature # 20000 Reading source feature # 22500 Reading source feature # 25000 Reading source feature # 27500 Reading source feature # 30000 Reading source feature # 32500 Reading source feature # 35000 Reading source feature # 37500 Reading source feature # 40000 Reading source feature # 42500 Reading source feature # 45000 Reading source feature # 47500 Emptying factory pipeline

Hit data-shattering case as 0 new nodes were created after phase 20, compared to 1 nodes created after phase 19.

To resolve the above issue, try setting a tolerance if your transformer has a Tolerance parameter

CityGML Writer: Unable to convert the coordinate system `IFC\_COORDSYS\_0' to an EPSG code. No coordinate system will be set on this feature's geometry.

Processing on a solid has failed. The solid may be too complex, not closed, or not orientable.

... Last line repeated 52 times ...

CityGMLWriter registered 38436 messages of type: CityGML Writer: Unable to convert the coordinate system `IFC\_COORDSYS\_0' to an EPSG code. No coordinate system will be set on this feature's geometry.

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## 

Total Features Read	49826	
QuantitySetDefinition	1	
PropertySetDefinition	63	
IfcWindow	4581	
IfcWallStandardCase	9919	
IfcWall	565	
IfcTypeObject	3147	
IfcSlab	1149	
IfcSite	1	
IfcRoof	5	
IfcRailing	290	
IfcProject	1	
IfcPlate	1817	
IfcOpeningElement	7174	
IfcMember	9155	
IfcFurnishingElement	2	
IfcFlowTerminal	565	
IfcEnergyConversionDevice	149	
IfcDoor	5177	
IfcCurtainWall	967	
IfcCovering	193	
IfcColumn	5	
IfcBuildingStorey	35	
IfcBuildingElementProxy	4864	
IfcBuilding	1	

IFC to CITYGML Statistics Input Features Transformed IfcBuilding+ifc type+ifc collection+GlobalId+%GlobalId+Name+%Name+Des IfcBuildingElementProxy+ifc\_type+ifc\_collection+GlobalId+%GlobalId+Na 4864 IfcBuildingStorey+ifc type+ifc collection+GlobalId+%GlobalId+Name+%Na 35 IfcColumn+ifc\_type+ifc\_collection+GlobalId+%GlobalId+Name+%Name+Descr 5 IfcCovering+ifc type+ifc collection+GlobalId+%GlobalId+Name+%Name+Des 193 IfcCurtainWall+ifc\_type+ifc\_collection+GlobalId+%GlobalId+Name+%Name+ 967 IfcDoor+ifc\_type+ifc\_collection+GlobalId+%GlobalId+Name+%Name+Descrip 5177 IfcEnergyConversionDevice+ifc\_type+ifc\_collection+GlobalId+%GlobalId+ 149 IfcFlowTerminal+ifc\_type+ifc\_collection+GlobalId+%GlobalId+Name+%Name 565 IfcFurnishingElement+ifc\_type+ifc\_collection+GlobalId+%GlobalId+Name+ IfcMember+ifc\_type+ifc\_collection+GlobalId+%GlobalId+Name+%Name+Descr 9155 IfcOpeningElement+ifc type+ifc collection+GlobalId+%GlobalId+Name+%Na 7174 IfcPlate+ifc\_type+ifc\_collection+GlobalId+%GlobalId+Name+%Name+Descri 1817 IfcProject+ifc type+ifc collection+GlobalId+%GlobalId+Name+%Name+Desc 1 290 IfcRailing+ifc\_type+ifc\_collection+GlobalId+%GlobalId+Name+%Name+Desc IfcRoof+ifc type+ifc collection+GlobalId+%GlobalId+Name+%Name+Descrip 5 IfcSite+ifc\_type+ifc\_collection+GlobalId+%GlobalId+Name+%Name+Descrip 1 IfcSlab+ifc\_type+ifc\_collection+GlobalId+%GlobalId+Name+%Name+Descrip 1149 IfcWall+ifc\_type+ifc\_collection+GlobalId+%GlobalId+Name+%Name+Descrip 565 IfcWallStandardCase+ifc\_type+ifc\_collection+GlobalId+%GlobalId+Name+% 9919 IfcWindow+ifc\_type+ifc\_collection+GlobalId+%GlobalId+Name+%Name+Descr 4581 PropertySetDefinition+ifc\_type+ifc\_no\_geom+ifc\_property\_set\_name+%ifc 63 QuantitySetDefinition+ifc\_type+ifc\_no\_geom+ifc\_quantity\_set\_name+%ifc 1 Total Input Features Transformed 46679 Features NOT Transformed IfcTypeObject 3147 \_\_\_\_\_ Total Features NOT Transformed 3147 Transformed Features Output IfcBuilding+xml\_type+xml\_aggregate+GlobalId+%GlobalId+Name+%Name+Desc 1 IfcBuildingElementProxy+xml\_type+xml\_aggregate+GlobalId+%GlobalId+Nam 4864 IfcBuildingStorey+xml\_type+xml\_aggregate+GlobalId+%GlobalId+Name+%Nam 35 IfcColumn+xml\_type+xml\_aggregate+GlobalId+%GlobalId+Name+%Name+Descri 5 IfcCovering+xml\_type+xml\_aggregate+GlobalId+%GlobalId+Name+%Name+Desc 193 IfcCurtainWall+xml\_type+xml\_aggregate+GlobalId+%GlobalId+Name+%Name+D 967 IfcDoor+xml\_type+xml\_aggregate+GlobalId+%GlobalId+Name+%Name+Descript 5177 IfcEnergyConversionDevice+xml\_type+xml\_aggregate+GlobalId+%GlobalId+N 149 IfcFlowTerminal+xml\_type+xml\_aggregate+GlobalId+%GlobalId+Name+%Name+ 565 IfcFurnishingElement+xml\_type+xml\_aggregate+GlobalId+%GlobalId+Name+% IfcMember+xml\_type+xml\_aggregate+GlobalId+%GlobalId+Name+%Name+Descri 9155 IfcOpeningElement+xml\_type+xml\_aggregate+GlobalId+%GlobalId+Name+%Nam 7174 1817 IfcPlate+xml\_type+xml\_aggregate+GlobalId+%GlobalId+Name+%Name+Descrip

```
IfcProject+xml_type+xml_aggregate+GlobalId+%GlobalId+Name+%Name+Descr
                                                                    1
IfcRailing+xml type+xml aggregate+GlobalId+%GlobalId+Name+%Name+Descr
                                                                   290
IfcRoof+xml_type+xml_aggregate+GlobalId+%GlobalId+Name+%Name+Descript
                                                                    5
IfcSite+xml type+xml aggregate+GlobalId+%GlobalId+Name+%Name+Descript
                                                                   1
IfcSlab+xml type+xml aggregate+GlobalId+%GlobalId+Name+%Name+Descript
                                                                  1149
IfcWall+xml type+xml aggregate+GlobalId+%GlobalId+Name+%Name+Descript
                                                                   565
IfcWallStandardCase+xml type+xml aggregate+GlobalId+%GlobalId+Name+%N
                                                                  9919
IfcWindow+xml type+xml aggregate+GlobalId+%GlobalId+Name+%Name+Descri
                                                                    4581
PropertySetDefinition+xml_type+xml_no_geom+ifc_property_set_name+%ifc
QuantitySetDefinition+xml_type+xml_no_geom+ifc_quantity_set_name+%ifc
                                                                1
Total Transformed Features Output
                                              46679
Features Written Summary
IfcBuilding
IfcBuildingElementProxy
                                            4864
IfcBuildingStorey
                                          35
IfcColumn
                                        5
IfcCovering
                                        193
IfcCurtainWall
                                        967
IfcDoor
                                      5177
IfcEnergyConversionDevice
                                              149
IfcFlowTerminal
                                         565
IfcFurnishingElement
                                       9155
IfcMember
IfcOpeningElement
                                          7174
IfcPlate
                                     1817
IfcProject
                                       1
                                      290
IfcRailing
IfcRoof
                                       5
IfcSite
                                      1
IfcSlab
                                     1149
IfcWall
                                      565
                                          9919
IfcWallStandardCase
```

**QuantitySetDefinition** \_\_\_\_\_

4581

63

1

Total Features Written 46679

Translation was SUCCESSFUL with 6 warning(s) (46679 feature(s) output)

FME Session Duration: 1 hour 21 minutes 20.0 seconds. (CPU: 4745.6s user, 128.8s system)

END - ProcessID: 15456, peak process memory usage: 5277972 kB, current process memory usage: 246132 kB

Translation was SUCCESSFUL

Translation finished

IfcWindow

PropertySetDefinition