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# ArcGIS Workspace

Package «ArcGIS» in package 'Model'

ArcGIS Workspace  
Version 1.0 Phase 1.0 Proposed  
32fuab1mpg created on 26.12.2023. Last modified 02.03.2012

## ArcGIS Workspace diagram

ArcGIS diagram in package 'ArcGIS Workspace'

ArcGIS Workspace  
Version 1.1  
32fuab1mpg created on 26.12.2023. Last modified 30.12.2023

Create your ArcGIS UML model by dropping elements from the ArcGIS Toolbox pages onto an ArcGIS diagram such as this.

Use the "Features" package to contain your Feature classes. Coded Value Domains and Range Domains should be defined in the "Domains" package.

**Before exporting your model to an ArcGIS schema, you need to define at least one Spatial Reference element.** Spatial Reference elements are referred to by other schema elements via a dynamically linked Tagged Value, named "SpatialReference".

A sample Spatial Reference element has been created for you under the "Spatial References" package. To add a valid coordinate system and default values to the element, simply select the "MySpatialReference" element and choose: **Extensions > ArcGIS > Set Spatial Reference.**

You can export your model as an ArcGIS schema by selecting the ArcGIS Workspace in the Project Browser and choosing:

**Extensions > ArcGIS > Export to ArcGIS Workspace XML**

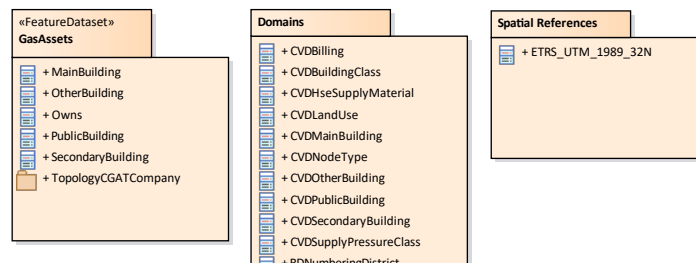


Figure 1: ArcGIS Workspace

## Note

Note in package 'ArcGIS Workspace'

Create your ArcGIS UML model by dropping elements from the ArcGIS Toolbox pages onto an ArcGIS diagram such as this.

Use the "Features" package to contain your Feature classes. Coded Value Domains and Range Domains should be defined in the "Domains" package.

**Before exporting your model to an ArcGIS schema, you need to define at least one Spatial Reference element.** Spatial Reference elements are referred to by other schema elements via a dynamically linked Tagged Value, named "SpatialReference".

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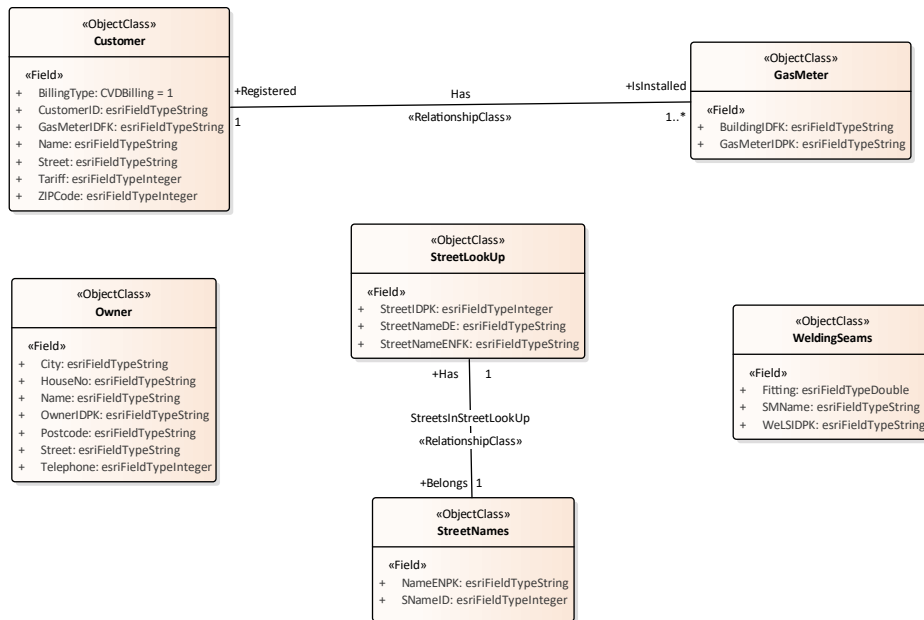


Figure 2: ObjectClasses

## Customer

ObjectClass «ObjectClass» in package 'ObjectClasses'

Customer

Version 1.0 Phase 1.0 Proposed

32fuab1mpg created on 29.12.2023. Last modified 29.12.2023

### ATTRIBUTES

◆ BillingType : CVDBilling Public = 1

Properties:

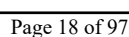
DomainFixed = false  
 Editable = true  
 GeometryDef =  
 IsNullable = true  
 Length = 50  
 ModelName =  
 Precision = 9  
 RasterDef =  
 Required = false  
 Scale =

[ Stereotype is «Field». Is static False. Containment is Not Specified. ]

◆ CustomerID : esriFieldTypeString Public

Properties:

DomainFixed = false  
 Editable = true  
 GeometryDef =  
 IsNullable = true  
 Length = 50  
 ModelName =  
 Precision = 9  
 RasterDef =



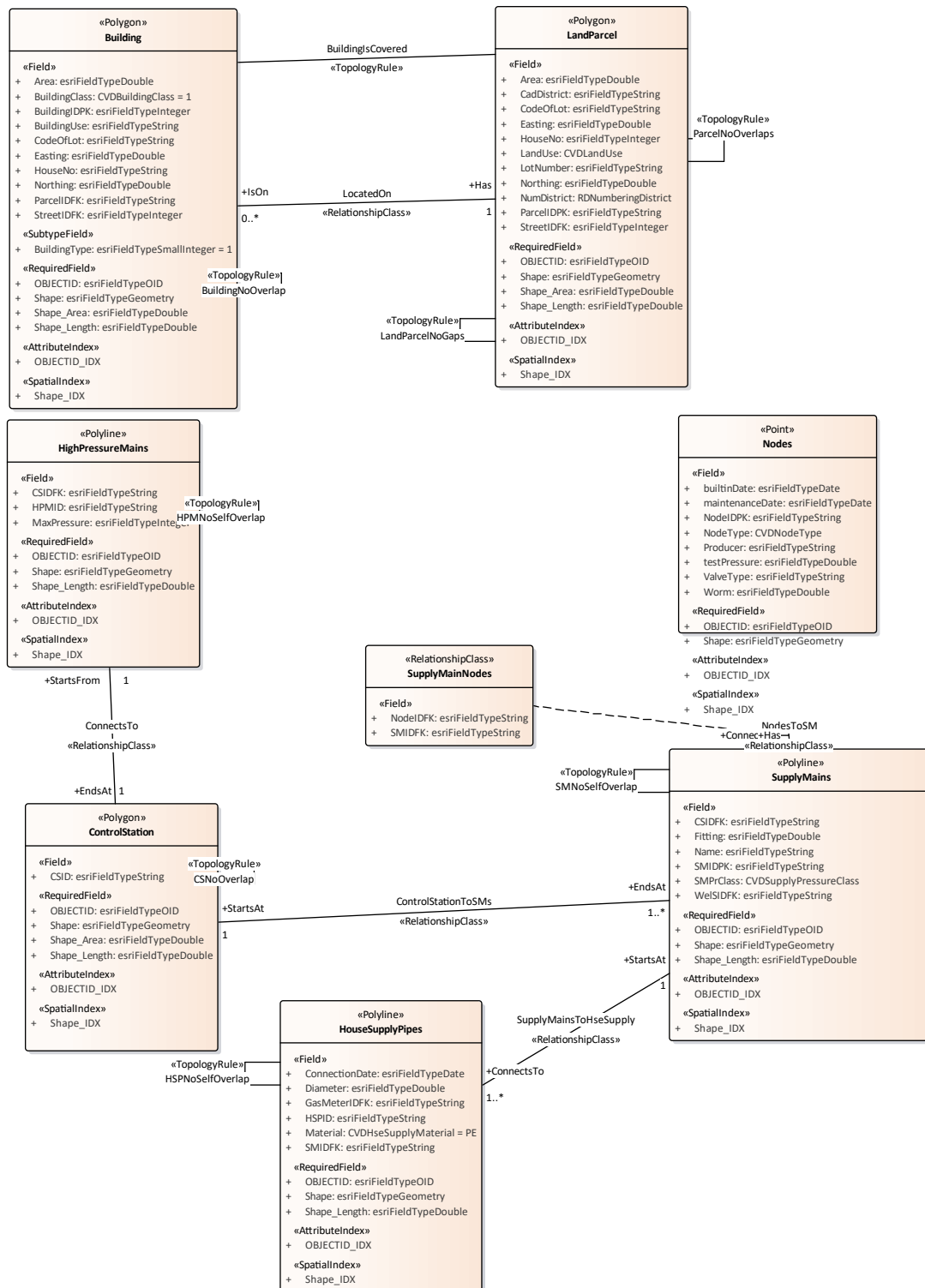


Figure 4: TopologyATownCompany

## SupplyMainNodes

RelationshipClass «RelationshipClass» in package 'TopologyCGATCompany'

SupplyMainNodes

Version 1.0 Phase 1.0 Proposed

32fuab1mpg created on 29.12.2023. Last modified 29.12.2023

### ATTRIBUTES

NodeIDFK : esriFieldTypeString Public

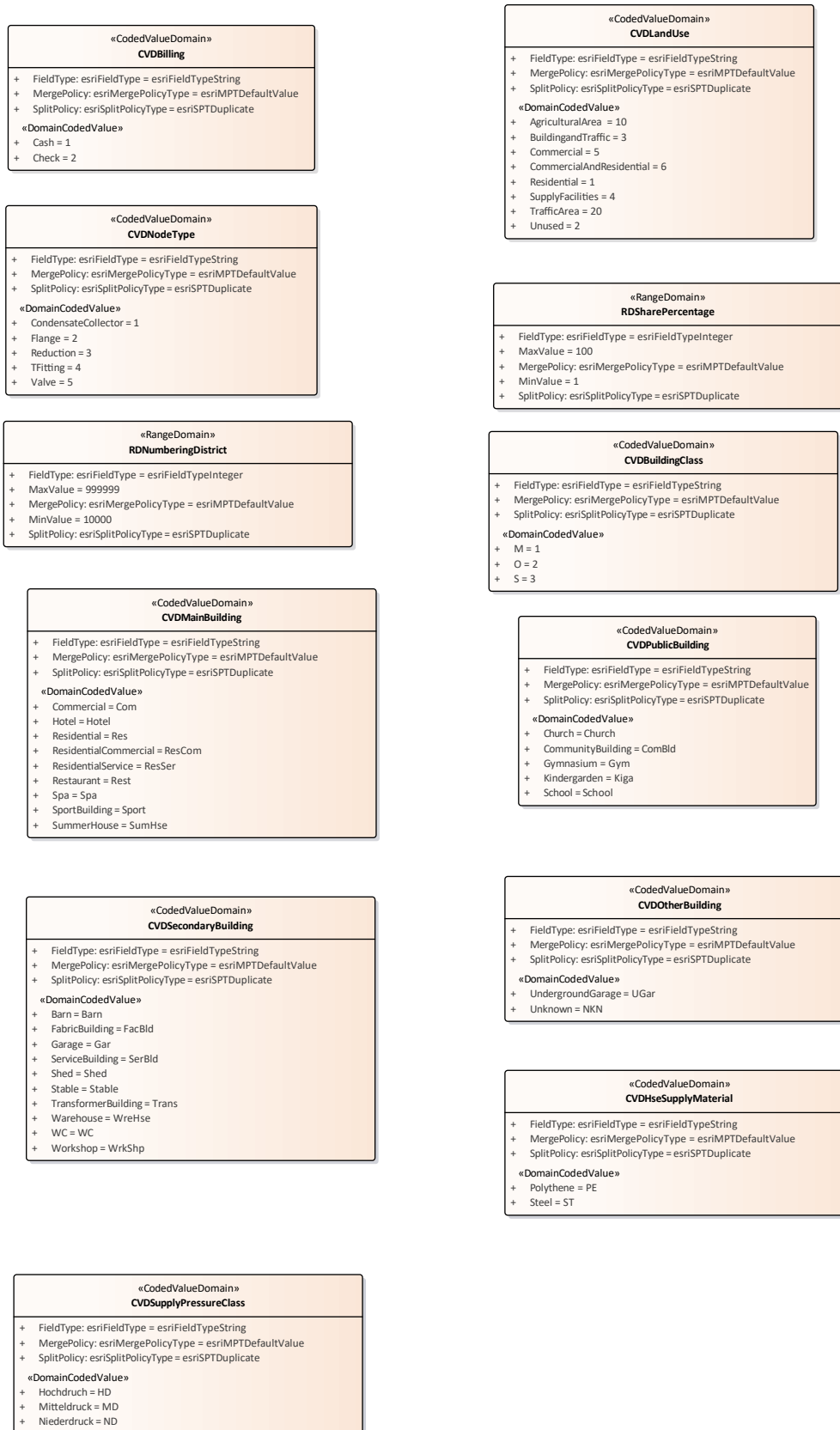


Figure 5: Domains

## CVDBilling

CodedValueDomain «CodedValueDomain» in package 'Domains'

# Spatial References

Package in package 'ArcGIS Workspace'

Spatial References

Version 1.0 Phase 1.0 Proposed

32fuab1mpg created on 26.12.2023. Last modified 26.12.2023

## Spatial References diagram

ArcGIS diagram in package 'Spatial References'

Spatial References

Version 1.1

32fuab1mpg created on 26.12.2023. Last modified 26.12.2023

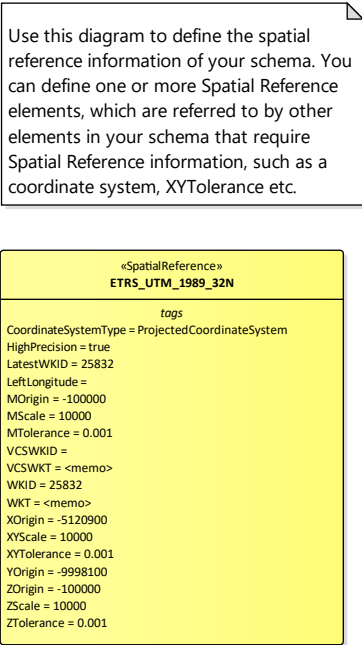


Figure 6: Spatial References

### Note

Note in package 'Spatial References'

Use this diagram to define the spatial reference information of your schema. You can define one or more Spatial Reference elements, which are referred to by other elements in your schema that require Spatial Reference information, such as a coordinate system, XYTolerance etc.

Note

Version 1.0 Phase 1.0 Proposed

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Extends

## ETRS\_UTM\_1989\_32N

SpatialReference «SpatialReference» in package 'Spatial References'