DCCSS 0.0.5 Data Model (Database Level)

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DCCSS

«Domain» UseType
+Domestic : CodedValue = 1
+Hospital : CodedValue = 2
+Governmental : CodedValue = 3
+Religious Site : CodedValue = 4
+Commercial : CodedValue = 5
+Hotel : CodedValue = 6
+Swimming Pool : CodedValue = 7
+Sport Center : CodedValue = 8
+Restaurant : CodedValue = 9
+Station : CodedValue = 10
+Students Dormitory : Coded Values = 11
+Public Park : Coded Values = 12

«Domain» MeterStatus
+Working : CodedValue = 1
+Not Working : CodedValue = 2
+Damaged : CodedValue = 3
+Disconnected : CodedValue = 4
+Turned Over : CodedValue = 5
+Reversed : CodedValue = 6

Subscriber_MeterStatus
+ID : Integer
+SubscriberID : Integer
+CodedValue : CodedValue

Subscriber_UseType
+ID : Integer
+SubscriberID : Integer
+CodedValue : CodedValue

Subscriber_MeterPosition
+ID : Integer
+SubscriberID : Integer
+CodedValue : CodedValue

«Domain» MeterPosition
+Suitable : CodedValue = 1
+Too High : CodedValue = 2
+Indoors : CodedValue = 3
+Cramped : CodedValue = 4
+Too Dark : CodedValue = 5
+Dirty : CodedValue = 6
+Unsuitable : CodedValue = 7

DeliveryPoint
+FormNumber : Integer
+Sequence : Integer
+GeoCode : String
+SurveyDate : Date
+PropertyType : CodedValue
+FloorCount : Integer
+FlatCount : Integer
+ShopCount : Integer
+SubscriptionCount : Integer
+HasSewer : CodedValue
+HasManhole : CodedValue
+SupplyFromNeighbour : CodedValue
+SupplyFromGeoCode : String
+CabinetID : String
+Surveyor : CodedValue
+Note : String
+insertdate : Date
+username : String

Surveyor
+OID : Integer
+Name : String
+CodedValue : Integer

«Domain» YesNoUnknown
+Yes : CodedValue = 1
+No : CodedValue = 2
+UnKnown : CodedValue = 0

Subscriber
+ID : Integer
+GeoCode : String
+SurveyDate : Date
+SerialNumber : String
+Reading : Integer
+subsequence : float
+MeterLocationCode : String
+HasConnectionBefore : CodedValue
+HasSeal : CodedValue
+FlatNumber : Integer
+FloorNumber : Integer
+LogbookSerialNumber : String
+MeterType : CodedValue
+Diameter : CodedValue
+LeakType : CodedValue
+LogbookNumber : Integer
+Sequence : Integer
+SubSequence : Integer
+Subscription : String
+IsOwner : CodedValue
+Name : String
+PersonCount : Integer
+FamilyCount : Integer
+Phone : String
+TankVolume : float
+CabinetID : String
+TankUnit : CodedValue
+HasPump : CodedValue
+Note : String
+insertdate : Date
+username : String
+meterLocationDeliveryPointSeq : Integer

Center
+ID : Integer
+The_Geom : Point

For display only.
Data is not stored permanently.

«Domain» VolumeUnit
+Cubic Meter : CodedValue = 1
+Liter : CodedValue = 0.001
+Barrel : CodedValue = 0.117

«Domain» LeakType
+No Leak : CodedValue = 1
+Minor Leakage : CodedValue = 2
+Major Leakage : CodedValue = 3

CollectionArea
+ID : Integer
+Name : String
-Arname : String
-The_geom : Polygon

«Domain» PropertyType
+Arabic : CodedValue = 1
+Residential : CodedValue = 2
+Commercial : CodedValue = 3
+Governmental : CodedValue = 4
+Factory : CodedValue = 5
+Hospital : CodedValue = 6
+Farm : CodedValue = 7
+Religious : CodedValue = 8
+Villa : CodedValue = 9
+Other : CodedValue = 10

DeliveryPoint_SupplyType
+ID : Integer
+GeoCode : CodedValue
+CodedValue : CodedValue

MeterCabinet
+ID : Integer
-PEWSSAID : String

Route
+Logbook : Integer
+Part : Integer

Routepoint
+Logbook : Integer
+Part : Integer

History
+logbooknumber : Integer
+sequence : Integer
+subscription : String
+name : String
+username : String
+subsequence : Integer
+insertdate : Date
+subscriberid : Integer
+id : Integer

«Domain» SupplyType
+Individual Meter : CodedValue = 1
+Neighbour : CodedValue = 2
+Tanker : CodedValue = 3
+Tube Well : CodedValue = 4
+Legal Connection : CodedValue = 5

Landmark
+Name : String
+ID : Integer
+Subtype : CodedValue
+Village : CodedValue
+Administra : CodedValue
+GID : Integer
+The_Geom : Point

«Domain» Diameter
+1/2" : CodedValue = 12.7
+3/4" : CodedValue = 19.05
+1" : CodedValue = 25.4
+1 1/4" : CodedValue = 31.75
+1 1/2" : CodedValue = 38.1
+2" : CodedValue = 50.8
+None : CodedValue = -1
+Other : CodedValue = 0

«Domain» MeterType
+Defence Factories : CodedValue = 1
+Chinese : CodedValue = 2
+French : CodedValue = 3
+Other : CodedValue = 4
+Legal Connection : CodedValue = 5

Translation
+Language : String
+Term : String
+Translation : String

«Domain» LandmarkSubtype
+Government Building : CodedValue = 1
+Government Facility : CodedValue = 2
+Utility : CodedValue = 3
+Education : CodedValue = 4
+Health Facility : CodedValue = 5
+Municipal Service : CodedValue = 6
+Religious Facility : CodedValue = 7
+Social Service : CodedValue = 8
+Research Center : CodedValue = 9
+Cultural Facility : CodedValue = 10
+Information Facility : CodedValue = 11
+Recreational Facility : CodedValue = 12
+Sport Facility : CodedValue = 13
+Residential : CodedValue = 14
+Hotel : CodedValue = 15
+Commercial : CodedValue = 16
+Manufacturing : CodedValue = 17
+Historic Site : CodedValue = 18
+Street : CodedValue = 100

DccssUser
+OID : Integer
+Name : String

Language
+IsoCode : String
+Description : String

Bill
+ID : Integer
+Logbook : Integer
+Sequence : Integer
+SubSequence : Integer
+Name : String
+SubscriberNumber : Integer
+MeterNumber : Integer
+MeterLocation : String
+MeterReading : Integer

PostGIS

Spatial_Ref_Sys
+SRID : Integer
+Auth_name : String
+Auth_SRID : Integer
+SRText : String
+PROJ4Text : String

Geometry_Columns
+F_Table_Catalog : String
+F_Table_Schema : String
+F_Table_Name : String
+F_Geometry_Column : String
+Coord_Dimension : Integer
+Type : String

PostGIS Tables

Legend

Spatial Class — Class containing geographic information

«Domain» Coded Values — A list of coded values

Feature Class — A class that is used in the application

Abstract Class — A class that only exits in the data model

Relationship

Generalization, one class inherits from another

Comment

Last Update: 19/01/2006