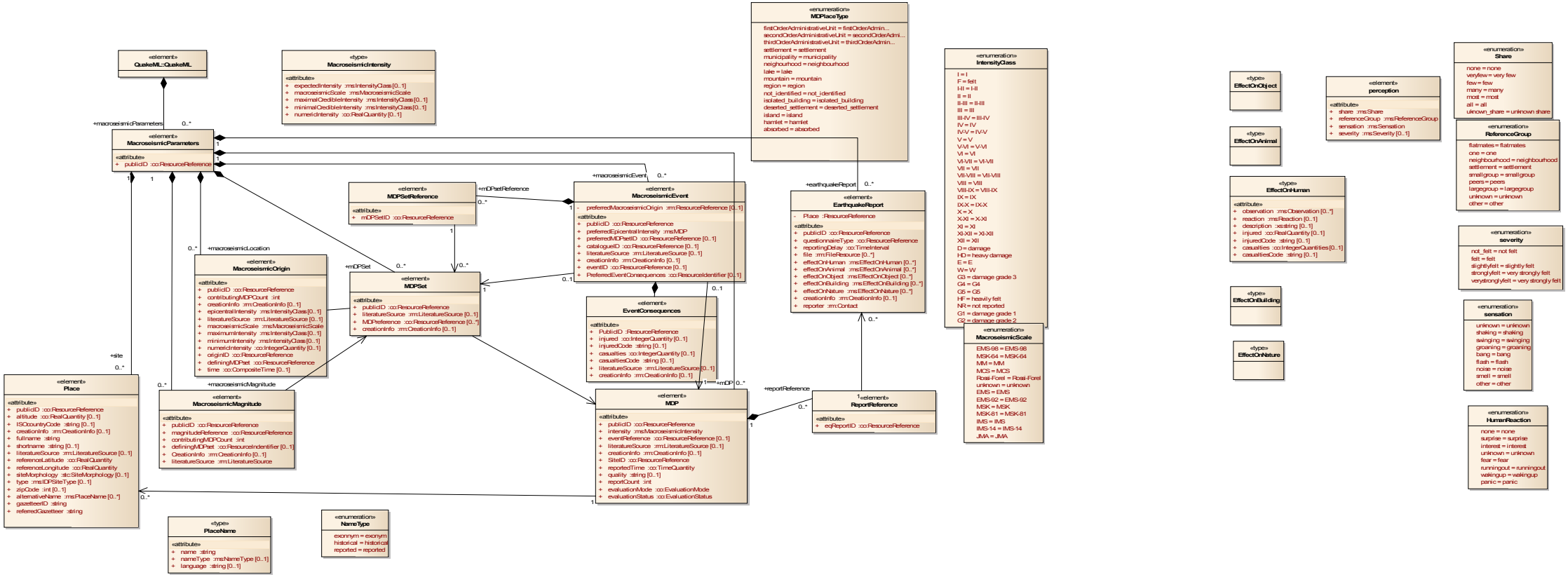
«element»
QuakeML::QuakeML
«type»
MacroseismicIntensity
«attribute»
+ expectedIntensity :ms:IntensityClass [0..1]
+ macroseismicScale :ms:MacroseismicScale
+ maximalCredibleIntensity :ms:IntensityClass [0..1]
+ minimalCredibleIntensity :ms:IntensityClass [0..1]
+ numericIntensity :co:RealQuantity [0..1]
«enumeration»
MDPlaceType
firstOrderAdministrativeUnit = firstOrderAdmin...
secondOrderAdministrativeUnit = secondOrderAdmi...
thirdOrderAdministrativeUnit = thirdOrderAdmin...
settlement = settlement
municipality = municipality
neighourhood = neighbourhood
lake = lake
mountain = mountain
region = region
not_identified = not_identified
isolated_building = isolated_building
deserted_settlement = deserted_settlement
island = island
hamlet = hamlet
absorbed = absorbed
«enumeration»
IntensityClass
I = I
F = felt
I-II = I-II
II = II
II-III = II-III
III = III
III-IV = III-IV
IV = IV
IV-V = IV-V
V = V
V-VI = V-VI
VI = VI
VI-VII = VI-VII
VII = VII
VII-VIII = VII-VIII
VIII = VIII
VIII-IX = VIII-IX
IX = IX
IX-X = IX-X
X = X
X-XI = X-XI
XI = XI
XI-XII = XI-XII
XII = XII
D = damage
HD = heavy damage
E = E
W = W
G3 = damage grade 3
G4 = G4
G5 = G5
HF = heavily felt
NR = not reported
G1 = damage grade 1
G2 = damage grade 2
«type»
EffectOnObject
«type»
EffectOnAnimal
«type»
EffectOnHuman
«attribute»
+ observation :ms:Observation [0..*]
+ reaction :ms:Reaction [0..1]
+ description :xs:string [0..1]
+ injured :co:RealQuantity [0..1]
+ injuredCode :string [0..1]
+ casualties :co:IntegerQuantities [0..1]
+ casualtiesCode :string [0..1]
«type»
EffectOnBuilding
«type»
EffectOnNature
«element»
perception
«attribute»
+ share :ms:Share
+ referenceGroup :ms:ReferenceGroup
+ sensation :ms:Sensation
+ severity :ms:Severity [0..1]
«enumeration»
Share
none = none
veryfew = very few
few = few
many = many
most = most
all = all
unknown_share = unknown share
«enumeration»
ReferenceGroup
flatmates = flatmates
one = one
neighbourhood = neighbourhood
settlement = settlement
smallgroup = smallgroup
peers = peers
largegroup = largegroup
unknown = unknown
other = other
«enumeration»
severity
not_felt = not felt
felt = felt
slightlyfelt = slightly felt
stronglyfelt = very strongly felt
verystrongfelt = very strongly felt
«enumeration»
sensation
unknown = unknown
shaking = shaking
swinging = swinging
groaning = groaning
bang = bang
flash = flash
noise = noise
smell = smell
other = other
«enumeration»
HumanReaction
none = none
surprise = surprise
interest = interest
unknown = unknown
fear = fear
runningout = runningout
wakingup = wakingup
panic = panic
«enumeration»
MacroseismicScale
EMS-98 = EMS-98
MSK-64 = MSK-64
MM = MM
MCS = MCS
Rossi-Forel = Rossi-Forel
unknown = unknown
EMS = EMS
EMS-92 = EMS-92
MSK = MSK
MSK-81 = MSK-81
IMS = IMS
IMS-14 = IMS-14
JMA = JMA
«element»
MacroseismicParameters
«attribute»
+ publicID :co:ResourceReference
+macroseismicParameters
0..*
1
«element»
MDPSetReference
«attribute»
+ mDPSetID :co:ResourceReference
+mDPSetReference
«element»
MacroseismicEvent
- preferredMacroseismicOrigin :rm:ResourceReference [0..1]
«attribute»
+ publicID :co:ResourceReference
+ preferredEpicentralIntensity :ms:MDP
+ preferredMDPsetID :co:ResourceReference [0..1]
+ cataloguerID :co:ResourceReference [0..1]
+ literatureSource :rm:LiteratureSource [0..1]
+ creationInfo :rm:CreationInfo [0..1]
+ eventID :co:ResourceReference [0..1]
+ PreferredEventConsequences :co:ResourceIdentifier [0..1]
+macroseismicEvent
«element»
EarthquakeReport
- Place :ResourceReference
«attribute»
+ publicID :co:ResourceReference
+ questionnaireType :co:ResourceReference
+ reportingDelay :co:TimeInterval
+ file :rm:FileResource [0..*]
+ effectOnHuman :ms:EffectOnHuman [0..*]
+ effectOnAnimal :ms:EffectOnAnimal [0..*]
+ effectOnObject :ms:EffectOnObject [0..*]
+ effectOnBuilding :ms:EffectOnBuilding [0..*]
+ effectOnNature :ms:EffectOnNature [0..*]
+ creationInfo :rm:CreationInfo [0..1]
+ reporter :rm:Contact
+earthquakeReport
«element»
MacroseismicLocation
«element»
MacroseismicOrigin
«attribute»
+ publicID :co:ResourceReference
+ contributingMDPCount :int
+ creationInfo :rm:CreationInfo [0..1]
+ epicentralIntensity :ms:IntensityClass [0..1]
+ literatureSource :rm:LiteratureSource [0..1]
+ macroseismicScale :ms:MacroseismicScale
+ maximumIntensity :ms:IntensityClass [0..1]
+ minimumIntensity :ms:IntensityClass [0..1]
+ numericIntensity :co:IntegerQuantity [0..1]
+ originID :co:ResourceReference
+ definingMDPset :co:ResourceReference
+ time :co:CompositeTime [0..1]
+mDPSet
«element»
MDPSet
«attribute»
+ publicID :co:ResourceReference
+ literatureSource :rm:LiteratureSource [0..1]
+ MDPreference :co:ResourceReference [0..*]
+ creationInfo :rm:CreationInfo [0..1]
«element»
EventConsequences
«attribute»
+ PublicID :ResourceReference
+ injured :co:IntegerQuantity [0..1]
+ injuredCode :string [0..1]
+ casualties :co:IntegerQuantity [0..1]
+ casualtiesCode :string [0..1]
+ literatureSource :rm:LiteratureSource [0..1]
+ creationInfo :rm:CreationInfo [0..1]
+site
«element»
Place
«attribute»
+ publicID :co:ResourceReference
+ altitude :co:RealQuantity [0..1]
+ ISOcountryCode :string [0..1]
+ creationInfo :rm:CreationInfo [0..1]
+ fullname :string
+ shortname :string [0..1]
+ literatureSource :rm:LiteratureSource [0..1]
+ referenceLatitude :co:RealQuantity
+ referenceLongitude :co:RealQuantity
+ siteMorphology :stc:SiteMorphology [0..1]
+ type :ms:IDPSiteType [0..1]
+ zipCode :int [0..1]
+ alternativeName :ms:PlaceName [0..*]
+ gazetteerID :string
+ referredGazetteer :string
+macroseismicMagnitude
«element»
MacroseismicMagnitude
«attribute»
+ publicID :co:ResourceReference
+ magnitudeReference :co:ResourceReference
+ contributingMDPCount :int
+ definingMDPset :co:ResourceIndentifier [0..1]
+ CreationInfo :rm:CreationInfo [0..1]
+ literatureSource :rm:LiteratureSource
«element»
MDP
«attribute»
+ publicID :co:ResourceReference
+ intensity :ms:MacroseismicIntensity
+ eventReference :co:ResourceReference [0..1]
+ literatureSource :rm:LiteratureSource [0..1]
+ creationInfo :rm:CreationInfo [0..1]
+ SiteID :co:ResourceReference
+ reportedTime :co:TimeQuantity
+ quality :string [0..1]
+ reportCount :int
+ evaluationMode :co:EvaluationMode
+ evaluationStatus :co:EvaluationStatus
+mDP
+reportReference
«element»
ReportReference
«attribute»
+ eqReportID :co:ResourceReference
«type»
PlaceName
«attribute»
+ name :string
+ nameType :ms:NameType [0..1]
+ language :string [0..1]
«enumeration»
NameType
exonnym = exonym
historical = historical
reported = reported