# Land restrictions/easements
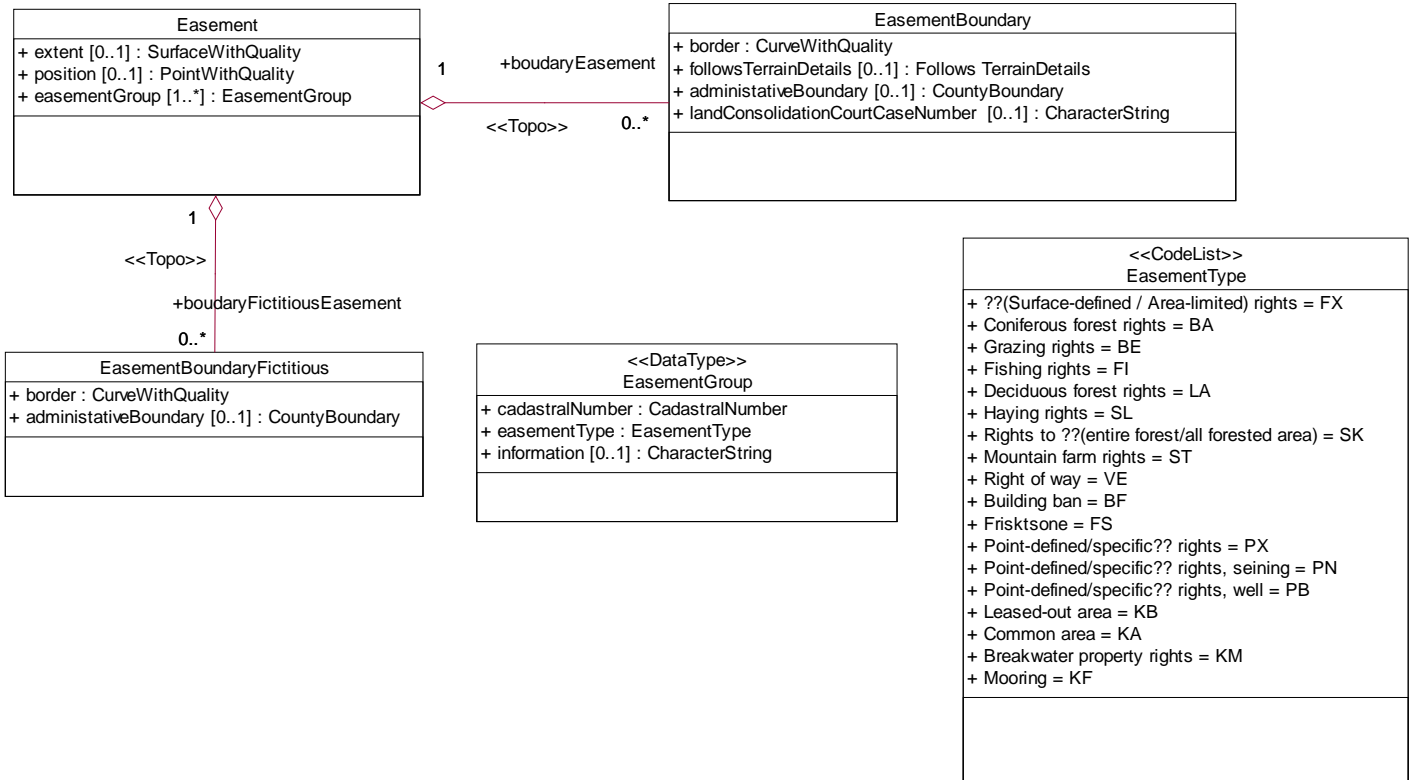
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## 1.1 Application schema

```
┌─────────────────────────────────────────┐                    ┌───────────────────────────────────────────────────────────────┐
│                 Easement                 │                    │                      EasementBoundary                         │
├─────────────────────────────────────────┤                    ├───────────────────────────────────────────────────────────────┤
│ + extent [0..1] : SurfaceWithQuality     │  1  +boudaryEasement│ + border : CurveWithQuality                                  │
│ + position [0..1] : PointWithQuality     │◇────────────────────│ + followsTerrainDetails [0..1] : Follows TerrainDetails       │
│ + easementGroup [1..*] : EasementGroup   │    <<Topo>>    0..* │ + administativeBoundary [0..1] : CountyBoundary               │
├─────────────────────────────────────────┤                    │ + landConsolidationCourtCaseNumber [0..1] : CharacterString   │
│                                          │                    ├───────────────────────────────────────────────────────────────┤
└─────────────────────────────────────────┘                    └───────────────────────────────────────────────────────────────┘
```

EasementType codelist:

| <<CodeList>> EasementType |
| --- |
| + ??(Surface-defined / Area-limited) rights = FX |
| + Coniferous forest rights = BA |
| + Grazing rights = BE |
| + Fishing rights = FI |
| + Deciduous forest rights = LA |
| + Haying rights = SL |
| + Rights to ??(entire forest/all forested area) = SK |
| + Mountain farm rights = ST |
| + Right of way = VE |
| + Building ban = BF |
| + Frisktsone = FS |
| + Point-defined/specific?? rights = PX |
| + Point-defined/specific?? rights, seining = PN |
| + Point-defined/specific?? rights, well = PB |
| + Leased-out area = KB |
| + Common area = KA |
| + Breakwater property rights = KM |
| + Mooring = KF |

EasementBoundaryFictitious:

| EasementBoundaryFictitious |
| --- |
| + border : CurveWithQuality |
| + administativeBoundary [0..1] : CountyBoundary |

EasementGroup DataType:

| <<DataType>> EasementGroup |
| --- |
| + cadastralNumber : CadastralNumber |
| + easementType : EasementType |
| + information [0..1] : CharacterString |

Association: Easement 1 <<Topo>> +boudaryFictitiousEasement 0..* EasementBoundaryFictitious

```
                      <<DataType>>
                     EasementGroup
---------------------------------------------------------------
+ cadastralNumber : CadastralNumber
+ easementType : EasementType
+ information [0..1] : CharacterString
---------------------------------------------------------------


```

```
                      <<CodeList>>
                      EasementType
---------------------------------------------------------------
+ ??(Surface-defined / Area-limited) rights = FX
+ Coniferous forest rights = BA
+ Grazing rights = BE
+ Fishing rights = FI
+ Deciduous forest rights = LA
+ Haying rights = SL
+ Rights to ??(entire forest/all forested area) = SK
+ Mountain farm rights = ST
+ Right of way = VE
+ Building ban = BF
+ Frisktsone = FS
+ Point-defined/specific?? rights = PX
+ Point-defined/specific?? rights, seining = PN
+ Point-defined/specific?? rights, well = PB
+ Leased-out area = KB
+ Common area = KA
+ Breakwater property rights = KM
+ Mooring = KF
```

```
                      <<CodeList>>
                     CountyBoundary
            (from Land property, land parcels)
---------------------------------------------------------------
+ NationalBoundary = R
+ CountyBoundary = F
+ MunicipalBoundary = K
+ TerritorialBoundary = T
---------------------------------------------------------------


```

## 1.2 Description

### 1.2.1 Easement

| No | Name/<br>Role name | Description | Obligation/<br>Condition | Maximum<br>Occurrenc<br>e | Type | Constraint |
|----|----|----|----|----|----|----|
| 1 | Class<br>Easement | the easement represented<br>as a surface and as a<br>point | | | | Subtype of<br>Easement<br>Boundary |
| 1.1 | extent | area over which an object<br>extends | 0 | 1 | SurfaceWithQu<br>ality | |
| 1.2 | position | location where the object<br>exists | 0 | 1 | PointWithQuali<br>ty | |
| 1.3 | easementGroup | benyttes for å angi type<br>servitutt med merkander<br>samt hvilke<br>gårds/bruksnummer som<br>har serivutten. For<br>negative bruksretter angis<br>ikke gård/bruksnummer | 1 | N | EasementGrou<br>p | |
| 1.4 | Role<br>(unnamed)<br>EasementBound<br>aryFictitious | | 1 | 1 | EasementBou<br>ndaryFictitious | Aggregrati<br>on |
| 1.5 | Role<br>boudaryFictitious<br>Easement | | 1 | 1 | EasementBou<br>ndaryFictitious | Aggregrati<br>on |
| 1.6 | Role<br>boudaryEaseme<br>nt | | 0 | N | EasementBou<br>ndary | Aggregrati<br>on |

### 1.2.2 EasementBoundary

| No | Name/<br>Role name | Description | Obligation/<br>Condition | Maximum<br>Occurrenc<br>e | Type | Constraint |
|----|----|----|----|----|----|----|
| 2 | Class<br>EasementBound<br>ary | fictitious boundary line<br>which is used if one wants<br>to create a surface for the<br>easement, and not all the<br>boundary lines are known | | | | |
| 2.1 | border | course following the<br>transition between<br>different real world<br>phenomena | 1 | 1 | CurveWithQual<br>ity | |
| 2.2 | followsTerrainDet<br>ails | used as attribute of the<br>object types:<br>PropertyBoundary and<br>PropertyBoundaryDispute<br>d when these are<br>described as following<br>terrain detail | 0 | 1 | Follows<br>TerrainDetails | |
| 2.3 | administativeBou | attribute of the object | 0 | 1 | CountyBounda | |

| No | Name/ Role name | Description | Obligation/ Condition | Maximum Occurrence | Type | Constraint |
|----|-----------------|-------------|----------------------|--------------------|------|-----------|
|  | ndary | types: PropertyBoundary, PropertyBoundaryDisputed and PropertyBoundaryFictitious, when these are also described as being a national boundary, county boundary or municipal boundary |  |  | ry |  |
| 2.4 | landConsolidationCourtCaseNumber | reference for the land consolidation area  For example: 12/1989-16.00 is the office number of the land consolidation office that has processed the case | 0 | 1 | CharacterString |  |
| 2.5 | Role (unnamed) Easement |  | 1 | 1 | Easement |  |

### 1.2.3　　EasementBoundaryFictitious

| No | Name/ Role name | Description | Obligation/ Condition | Maximum Occurrence | Type | Constraint |
|----|-----------------|-------------|----------------------|--------------------|------|-----------|
| 3 | Class EasementBoundaryFictitious | fictitious boundary line which is used if one wants to create a surface for the easement, and not all the boundary lines are known |  |  |  | Subtype of Easement |
| 3.1 | border | course following the transition between different real world phenomena | 1 | 1 | CurveWithQuality |  |
| 3.2 | administativeBoundary | attribute of the object types: PropertyBoundary, PropertyBoundaryDisputed and PropertyBoundaryFictitious, when these are also described as being a national boundary, county boundary or municipal boundary | 0 | 1 | CountyBoundary |  |
| 3.3 | Role boudary |  | 1 | N | Easement |  |
| 3.4 | Role (unnamed) Easement |  | 0 | N | Easement |  |

### 1.2.4　　<<DataType>> EasementGroup

| No | Name/ Role name | Description | Obligation/ Condition | Maximum Occurrence | Type | Constraint |
|----|-----------------|-------------|----------------------|--------------------|------|-----------|
| 4 | Datatype EasementGroup | used to indicate type of easement with comments, |  |  |  |  |

| | | as well as to which land number/title number the easement applies. Land and title numbers are not given for negative usage rights | | | | |
|---|---|---|---|---|---|---|
| 4.1 | cadastralNumber | unique identification of cadastral unit within a municipality | 1 | 1 | CadastralNumber | |
| 4.2 | easementType | | 1 | 1 | EasementType | |
| 4.3 | information | | 0 | 1 | CharacterString | |

### 1.2.5    Association <<Topo>> avgrensning

| No | Name/ Role name | Description | Obligation/ Condition | Maximum Occurrence | Type | Constraint |
|---|---|---|---|---|---|---|
| 5 | Association avgrensning | | | | | |
| 5.1 | Role boudary | | 1 | N | Easement | |
| 5.2 | Role (unnamed) EasementBoundaryFictitious | | 1 | 1 | EasementBoundaryFictitious | Aggregation |

### 1.2.6    Association <<Topo>> Easement-EasementBoundaryFictitious

| No | Name/ Role name | Description | Obligation/ Condition | Maximum Occurrence | Type | Constraint |
|---|---|---|---|---|---|---|
| 6 | Association Easement-EasementBoundaryFictitious | | | | | |
| 6.1 | Role boudaryFictitiousEasement | | 1 | 1 | EasementBoundaryFictitious | Aggregation |
| 6.2 | Role (unnamed) Easement | | 0 | N | Easement | |

### 1.2.7    Association <<Topo>> Easement-EasementBoundary

| No | Name/ Role name | Description | Obligation/ Condition | Maximum Occurrence | Type | Constraint |
|---|---|---|---|---|---|---|
| 7 | Association Easement-EasementBoundary | | | | | |
| 7.1 | Role boudaryEasement | | 0 | N | EasementBoundary | Aggregation |
| 7.2 | Role (unnamed) | | 1 | 1 | Easement | |

| | Easement | | | | | |
|---|---|---|---|---|---|---|

### 1.2.7.1 CodeLists

### 1.2.7.1.1 <<CodeList>> EasementType

| Nr | Code name | Definition/Description | Code |
|---|---|---|---|
| 1 | CodeList EasementType | | |
| 1.1 | ??(Surface-defined / Area-limited) rights | Specified under SERVMERK | FX |
| 1.2 | Coniferous forest rights | | BA |
| 1.3 | Grazing rights | | BE |
| 1.4 | Fishing rights | | FI |
| 1.5 | Deciduous forest rights | | LA |
| 1.6 | Haying rights | | SL |
| 1.7 | Rights to ??(entire forest/all forested area) | | SK |
| 1.8 | Mountain farm rights | | ST |
| 1.9 | Right of way | | VE |
| 1.10 | Building ban | | BF |
| 1.11 | Frisktsone | | FS |
| 1.12 | Point-defined/specific?? rights | Specified in more detail in SERVMERK | PX |
| 1.13 | Point-defined/specific?? rights, seining | | PN |
| 1.14 | Point-defined/specific?? rights, well | | PB |
| 1.15 | Leased-out area | | KB |
| 1.16 | Common area | | KA |
| 1.17 | Breakwater property rights | Site-specific/Local?? usage rights to breakwater property | KM |
| | Mooring | | KF |