



Felles modell for utveksling av informasjon om prosjektert veg

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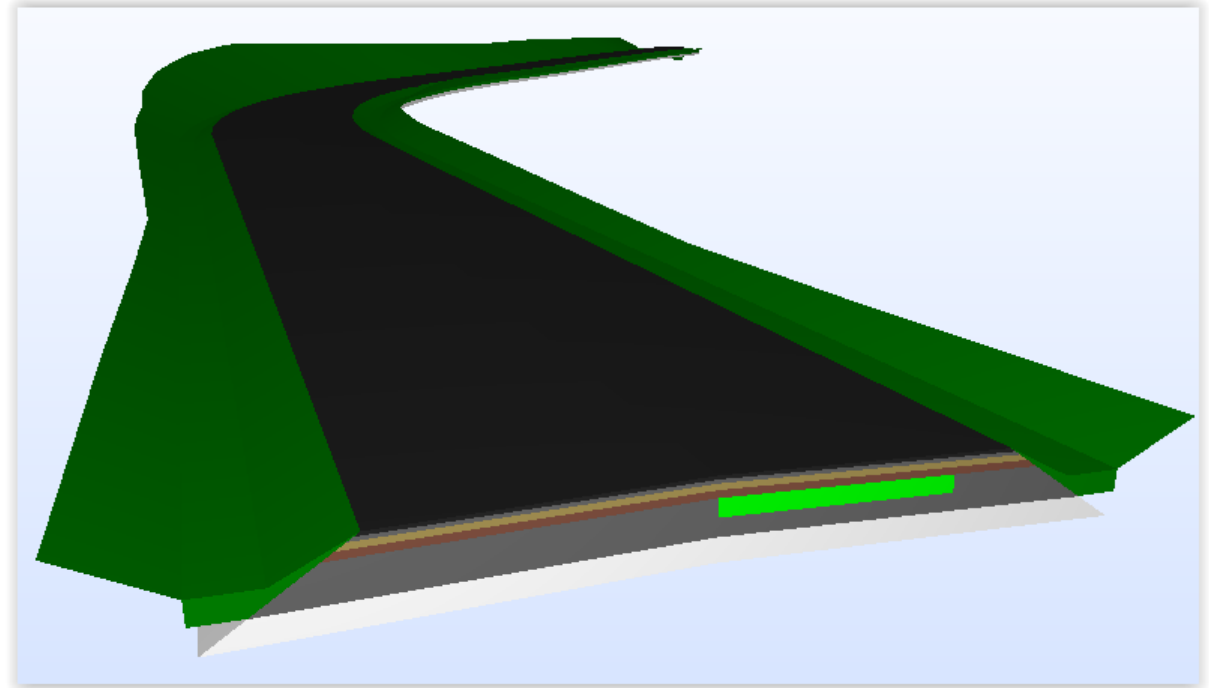
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Mål med utvekslingen

- Felles, åpen metode for utveksling på tvers av «programpakke-domener»
- Utveksling av
 - prosjektert veg for bygging
 - Prosjekteringsdata for «re-prosjektering» (??)
 - Utveksling av som-bygget-data



Metode

- Konseptuell modellering med UML – Unified Modeling Language
- Realisering i GML – Geography Markup Language
 - XSD-skjema beskriver strukturen
- Basert på arbeid i OGC / LandInfra





Welcome to the OGC

The OGC (Open Geospatial Consortium) is an international not for profit organization committed to making quality open standards for the global geospatial community. These standards are made through a consensus process and are freely available for anyone to use to improve sharing of the world's geospatial data.

Listed By Level

| | | | | |
|----------------|-------------------------|---|-------------------------------------|------------------|
| Strategic (6) | Technical Aggregate (2) | GovFuture-Subnational (19) | NGO / Not For Profit Institute (62) | University (102) |
| Principal (15) | Associate (120) | Government-Subnational (1) | GovFuture-Local (32) | Individual (39) |
| Technical (67) | Small Company (51) | Research Institute / Not For Profit Institute (1) | Government-Local (1) | |

Listed By Region

| | |
|-------------------|---------------------|
| Africa (6) | Middle East (32) |
| Asia Pacific (93) | North America (180) |
| Europe (205) | South America (2) |

OGC[®] Land and Infrastructure Conceptual Model Standard (LandInfra)

Submission Date: 2016-05-16

Approval Date: 2016-08-02

Publication Date: 2016-12-20

1. Scope

The scope of the Land and Infrastructure Conceptual Model is land and civil engineering infrastructure facilities. Anticipated subject areas include facilities, projects, alignment, road, railway, survey, land features, land division, and “wet” infrastructure (storm drainage, wastewater, and water distribution).

The Road Requirements Class supports those use cases in which a designer wishes to exchange the output of the design with someone who is likely to use the design for purposes other than completing the road design. On the other hand, a possible future RoadDesign Requirements Class could support the more complex designer to designer information interchange, such as would exist when a designer other than the original designer takes over the design process to complete the design. Alternatively, this may be left to IFCs.

| | |
|-------------------------------------|---|
| Paul Scarponcini, SWG chair | Bentley Systems, Inc. |
| Hans-Christoph Gruler, SWG co-chair | Leica Geosystems |
| Erik Stubkjær | Aalborg University, Dept. of Development & Planning |
| Peter Axelsson | Swedish Transport Administration |
| Leif Granholm | Trimble |
| Johnny Jensen | Vianova Systems AS |
| Thomas Liebich | buildingSMART International |
| Orest Halustchak | Autodesk |

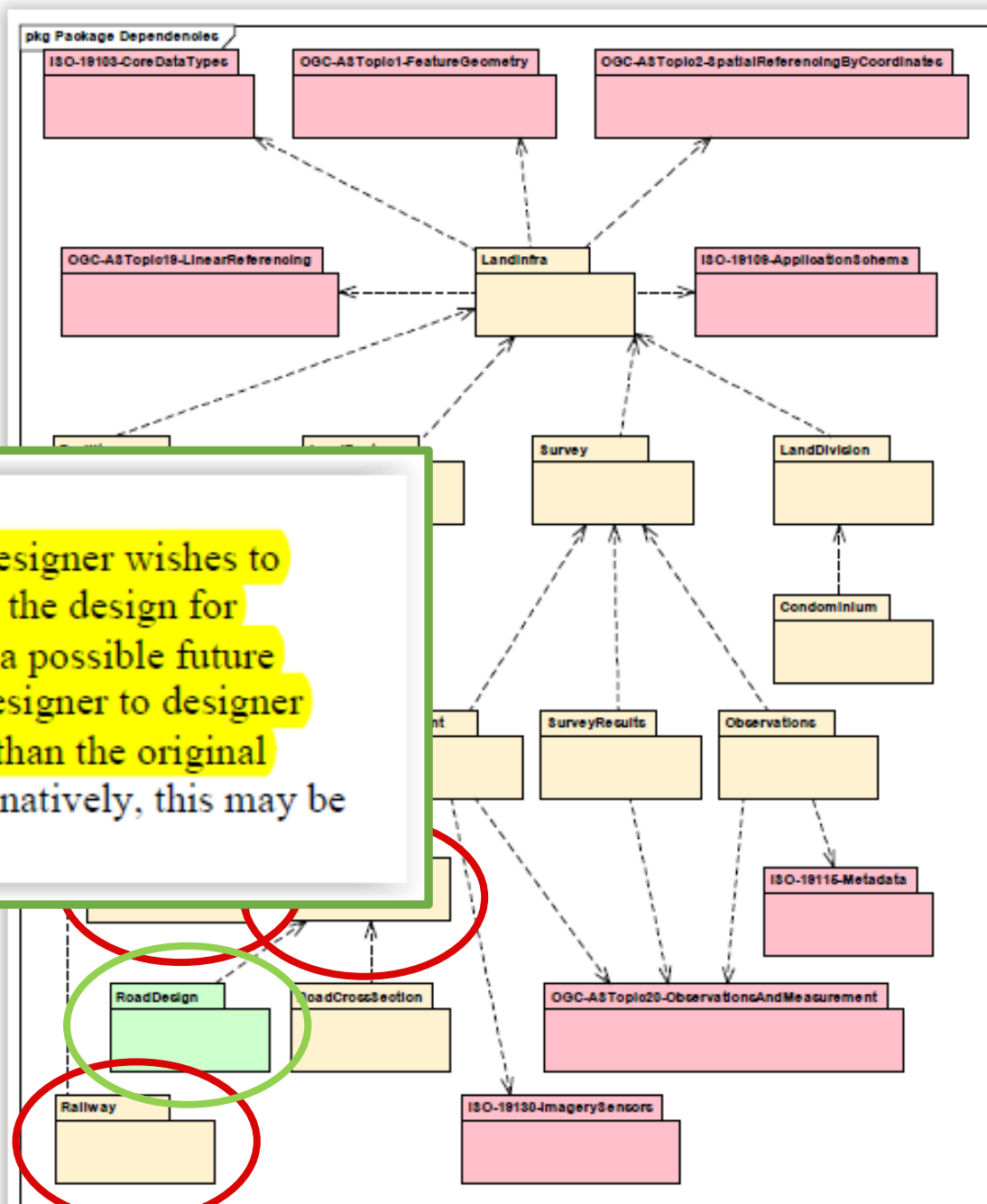
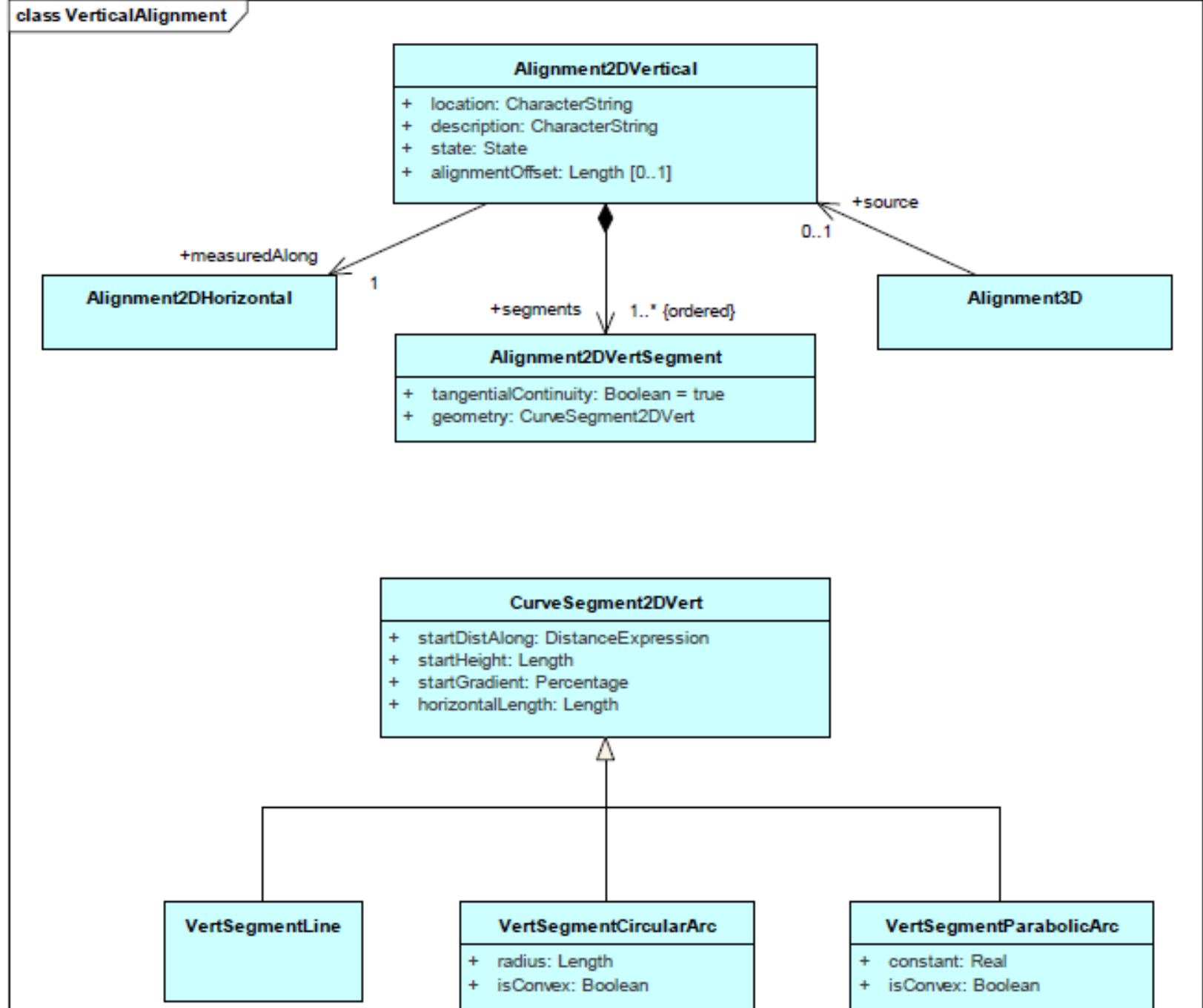
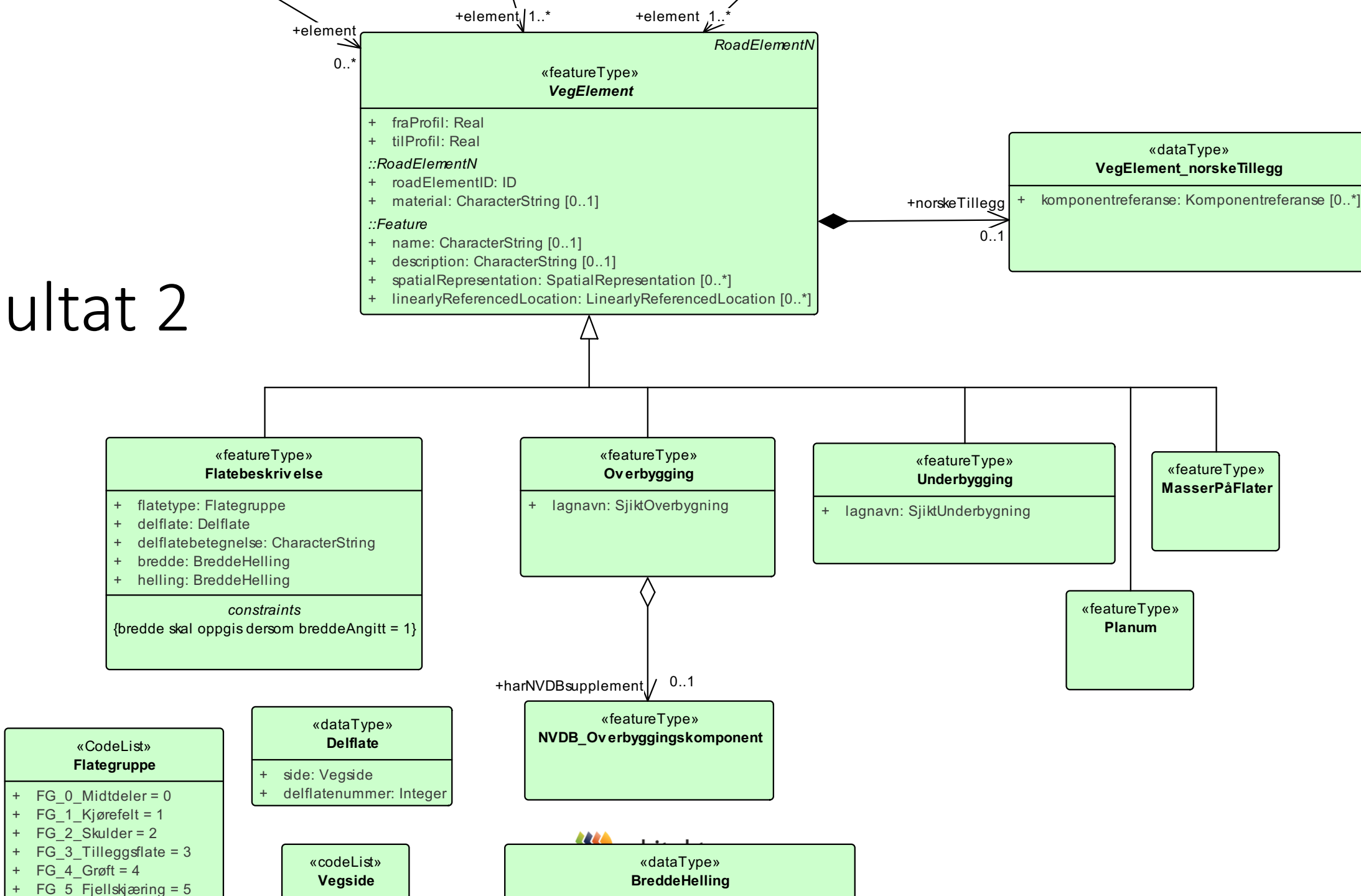


Figure 1. Requirements Classes as UML Packages with their dependencies

LandInfra Alignment



Resultat 2



Resultat

- Resultat tilgjengelig på

http://gml.arkitektum.no/BA_netv_2017/NorskInfraGML/NorskInfraGML_20180501/

.....det var det hele.....