Further modelling of LADM’s survey and spatial representation

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Map improvement

What?
1. communicating quality
2. improving geometric quality of lines

Why?
1. need for "find-the-boundary-yourself"
2. insecurity of square metres

How?
1. automatic calculation & map-making
2. storing data structured -> new model
New datamodel -> why not LADM survey package?

G.I.S.
automated map making

LA_BoundaryFaceString ↓
NL_boundary

LA_SpatialUnit ↓
NL_Parcel

Geodesy
automated calculation & quality description by “Delft” method

LA_Point ↓
NL_Point

LA_SpatialSource ↓
NL_SpatialSource

LA_BoundaryFace
NL: (later 3D?)
always connected!
Extensions to the LADM-survey package (NLSRDM)

- Declaration of similarity
- Measurements
- Relations between lines & points
- References to other boundaries
- Current relation parcel <-> sources