First Result of IndoorGML validator

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Making location count.

Agenda

- Overview

- GT Model Checker activities

- GTMC Integration
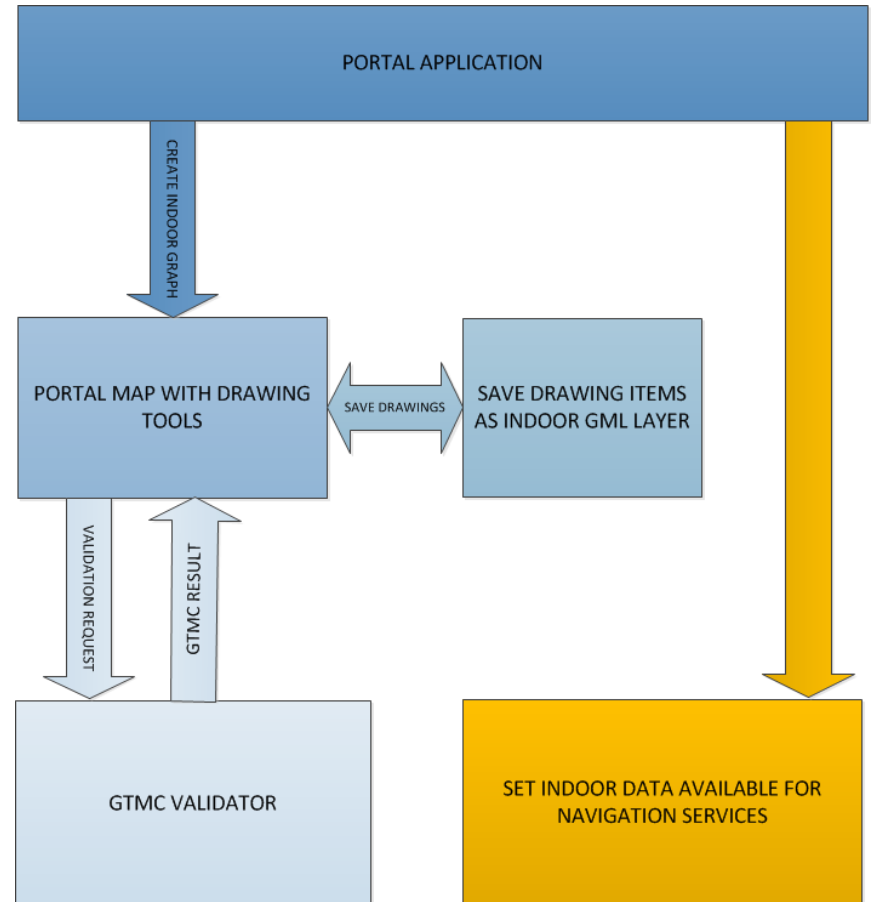
- Future development

Overview

- Validates Indoor (only) data

- Requires Floorplans and IndoorGML data

- Simple Java Web Service (Java 7)

- 4 categories of controls with blocking/non blocking checks

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GT Model Checker Activities

- The service recives Floorplans and IndoorGML data from the i-locate portal

- Validates:
  - Input data (Binary Zip)
  - Data Syntax (IndoorGML/Shp)
  - Semantic (IndoorGML)
  - Geometric (IndoorGML/Shp)
  - Topology (IndoorGML)

GT Integration

- Java 7 web service (POST) with a binary zip file in body

- Spring MVC context

- Geotools (Shapefiles and geometry)

- Jackson, Jaxb and GSON for XML/JSON manipulation

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