

InnoPart: Innovative Participation - Modern spatial information systems for participation-oriented planning of infrastructure measures

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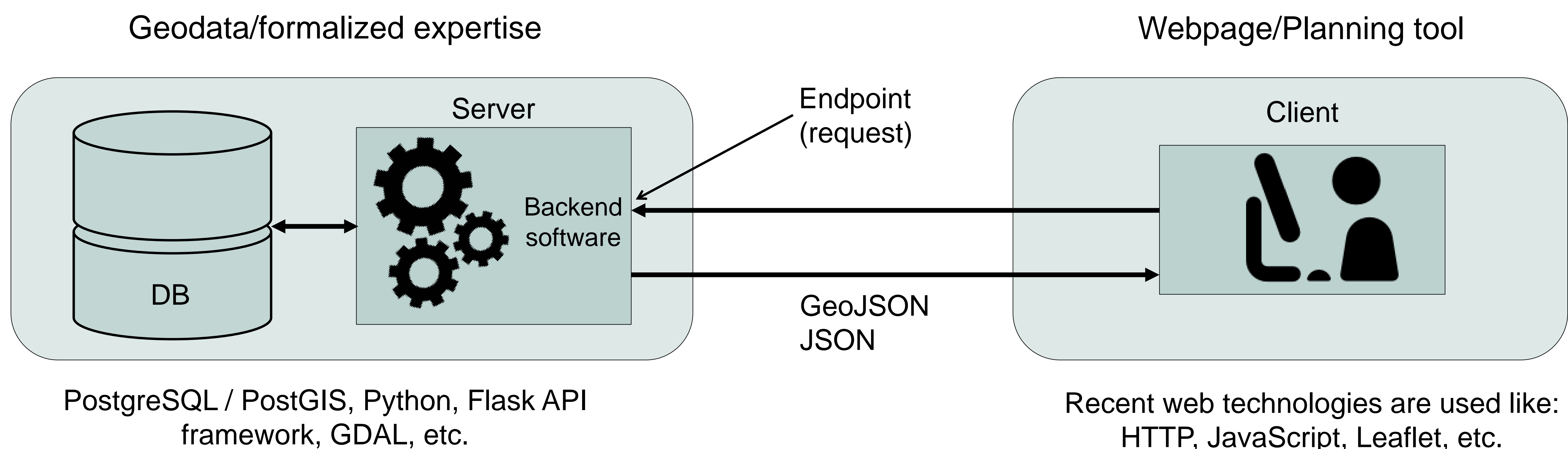
Project hypothesis

- Active citizenship may enhance public acceptance, minimize objection and, thus, shorten planning times for large infrastructural measures.
- Objectification of structural interventions may gain insight into real impacts.
- Internet-based technologies and formalized expertise may support active citizenship by providing simple planning tools to the public.

Project requirements

- Up-to-date spatial and project related data:
 - Digital Elevation Model (10m resolution)
 - Linear infrastructure e.g. roads and railways
 - Natural features like rivers, forests, etc.
 - Discursive defined room resistance classes
- Tools for mapping and planning (client and server).
- Legal frameworks for the evaluation of submitted planning proposals.

System architecture and methodology



Current results

- A route proposal can be created using simple drawing tools.
- Users are able to review geodata and room resistance classes.
- Proposed is being evaluated against project specifications.

Further work

- Incorporating further evaluation steps.

InnoPart - Client

