LMN II

Datacollection software

Landbouw en Visserij

What will you be seeing in this presentation?

- What do we have?
- What do we want?
- What did we choose?
- What is being done?
- How how are we doing it?
- What could we do together?

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What do we have now?

- 30 accountants, 700-800 farms
- Detailed data
- Stand-alone accounting software
- What's wrong with the current software?
  - Current software is reaching it's limits due to complexity
  - Software/developer dependency
  - No source code
  - Updating the software is difficult, long cycles (+2 years)
  - Long validation/dataquality cycle
  - No easy way to interact with the application

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What do we want?

Application criteria
- Maintainable
  - Easy to update
  - Easy to extend
- Solid and reliable user interface
- Facilitates interaction with other tools
  - External data, validation, …
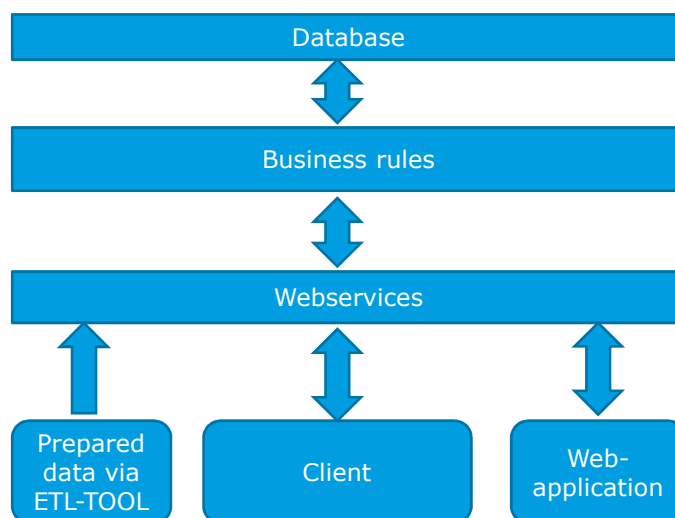- Softwarefirm independent

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What did we choose?

- Custom application
  - Backend with business logic
  - Webservices
  - Interaction with other softwarecomponents via webservice interface
  - WPF client / Webapplication

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What did we choose?

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What is being done?

- Datamodel
- Functional analysis (work in progress)
- GUI design client (work in progress)

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How are we doing it?

- Datamodel
  - Analyse current data
  - Normalise
  - Remodel

- GUI and functional analysis
- Prototyping
  - Per usecase
    - Design a GUI – Click Model
    - Describe and analyse functionality
    - Get feedback from accountants
    - Write testcases

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What could we do together?

- Same datamodel? Same technology?
- Generic product/cost/income lists
  -> Same NPK quantities, Active substances,…
- Open source?
  - Modular software design
    - Security module
  - Data-adapters
  - Multilingual
  - Contribute, forking and merging
- Can we map certain parts to a common model/framework?
  ETL flows could be reused
  Open data technology? Open linked data?

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Questions?

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