ENERGIC-OD Applications

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Objectives and Context

European NEtwork for Redistributing Geospatial Information to user Communities - Open Data

Application development

New product or data

Validation of VH

VH requirements
Objectives and Context

European NEtwork for Redistributing Geospatial Information to user Communities - Open Data

New product or data

A1: Zaragoza Historical Maps
A2: eye2eye
A3: Coastline Monitoring Application
A4: OnoMaP
A5: ProxiSanté
datakode
A6: Natural hazard assessment for agriculture
A7: Biodiversity Bird Indicator
A8: GeoPan Atl@s
A9: geoDEMOS
A10: Sensor Open Data Portal

Users

Themes
Requirements

- Application side collection of:
  - Functional Requirements
  - Non-Functional Requirements
  - Data Requirements

- 202 application specific requirements
- 55 general requirements
- Thousands of data sets
Use and integration of the VH in the process of app development
- access/transforming
- discover/access
- provide/crowdsourcing

Used technologies:
- Web API
- Restful API
Applications

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Impact of VH

- Handling of alterable responses of VHs
  - Each VH request can produce different responses than the previous request
  - It is a common behaviour of this kind of systems, but affects usability

- Large number of datasets affect the requirements and functionality of apps
  - Enabling of complex data processing and data presentation
  - Users of apps must be able to handle the data of an app
    - GUI adaption, e.g. new widgets
    - App developers implements additional filter functions
    - Optimisation of the constraints of VH requests
Impact of VH

- Standardised VH interfaces:
  - Low efforts to integrate VH in app

- Large **number** of datasets by one central interface
  - Quick replacement of dysfunctional data sources
  - Reduction of efforts to search for appropriate data sources
  - Decrease of inhibitions to use geo data by developers without geographic knowledge
- Pan-European Apps
Thank you!

Questions?