

GeoNetwork and INSPIRE

Team:

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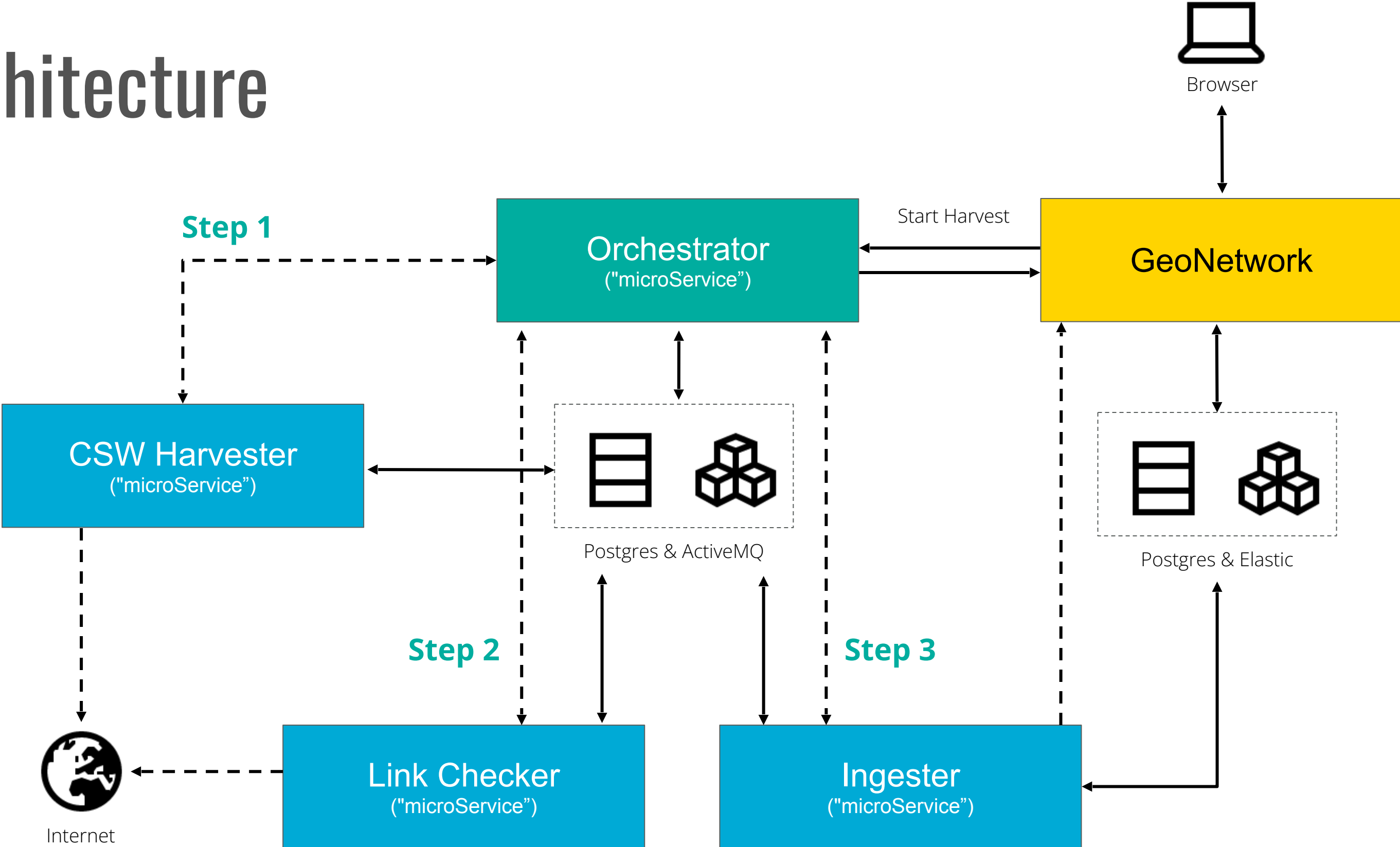
Date:

- 24-11-2022



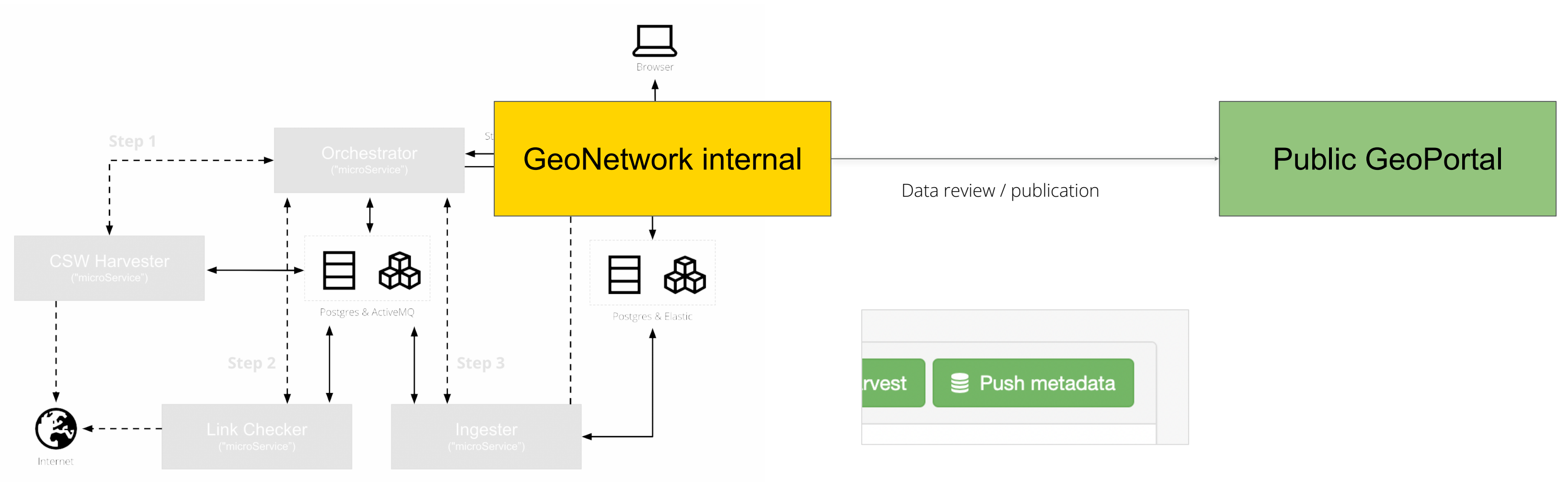
INSPIRE Geoportals

Architecture



Data publication

Member states can review the harvester results and publish them to the public GeoPortal



INSPIRE Geoportal

Latest improvements to the INSPIRE Geoportal backend

- Server infrastructure:
 - Updated the components configuration in the server to improve the workload.
- Harvester component:
 - Handle CSW `ExceptionReport` responses.
- Link checker component:
 - Optimisations to cleanup old executions.
- Ingestor component:
 - Added indicators to display the viewable and downloadable resources of the metadata.
 - Fixes to improve the memory usage.
- Catalogue:
 - Improved the logging of the harvester process.
 - Store metadata information about the Environmental Domain and the Environmental Reporting Legislation.

GeoNetwork development

Ideas

- OGC API Records development
- Improvements to DCAT metadata support
- Further development of Linkchecker and Harvester components
- User interface
- Metadata editor
- ?

What can GeoCat do for you?



What we provide



GEONETWORK
ENTERPRISE



GEOSERVER
ENTERPRISE



BRIDGE
ONE CLICK DATA PUBLISHING



LIVE
SERVER

GeoNetwork opensource 4.2

Based on

GeoNetwork Enterprise 2023

Use

GeoCat Live 2023

Improvements

Search

Search engine
↓
ElasticSearch

- Improvement in the search experience
 - Search suggestions with phrase query.
 - Exact phrase match.
 - Multilingual support.
- Custom dashboards in Kibana to analyse the data
- Configuration can be done in the administration settings

Metadata page

- Display similar records
- Group associated resources by type
- Preview tabular data for WFS resources

Harvester

- Add visual summary with metadata statistics

User interface

- Better accessibility support

Security

- Library upgrades

GeoNetwork & GeoServer Enterprise

Enterprise customers are entitled to

- Long Term Support
- Expert knowledge
- Security and vulnerability fixes on our products
- 2 major releases per year + patch releases
- Free usage of GeoCat Bridge (ArcMap, ArcGIS Pro, QGIS)
- Consulting and feature development by our team (sustainability)

GeoCat Live

GeoCat Live customers are entitled to

- Enterprise products & Bridge
- Managed server(s) (pre-prod & production)
- Upgrades and updates
- Monitoring
- Backup and restore
- Dedicated Validation server for INSPIRE (with Premium)
- Dedicated Link checker (option)

Contribute to sustainable open source software development

Thank you!