

Geoportal backend based on GeoNetwork

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Date:

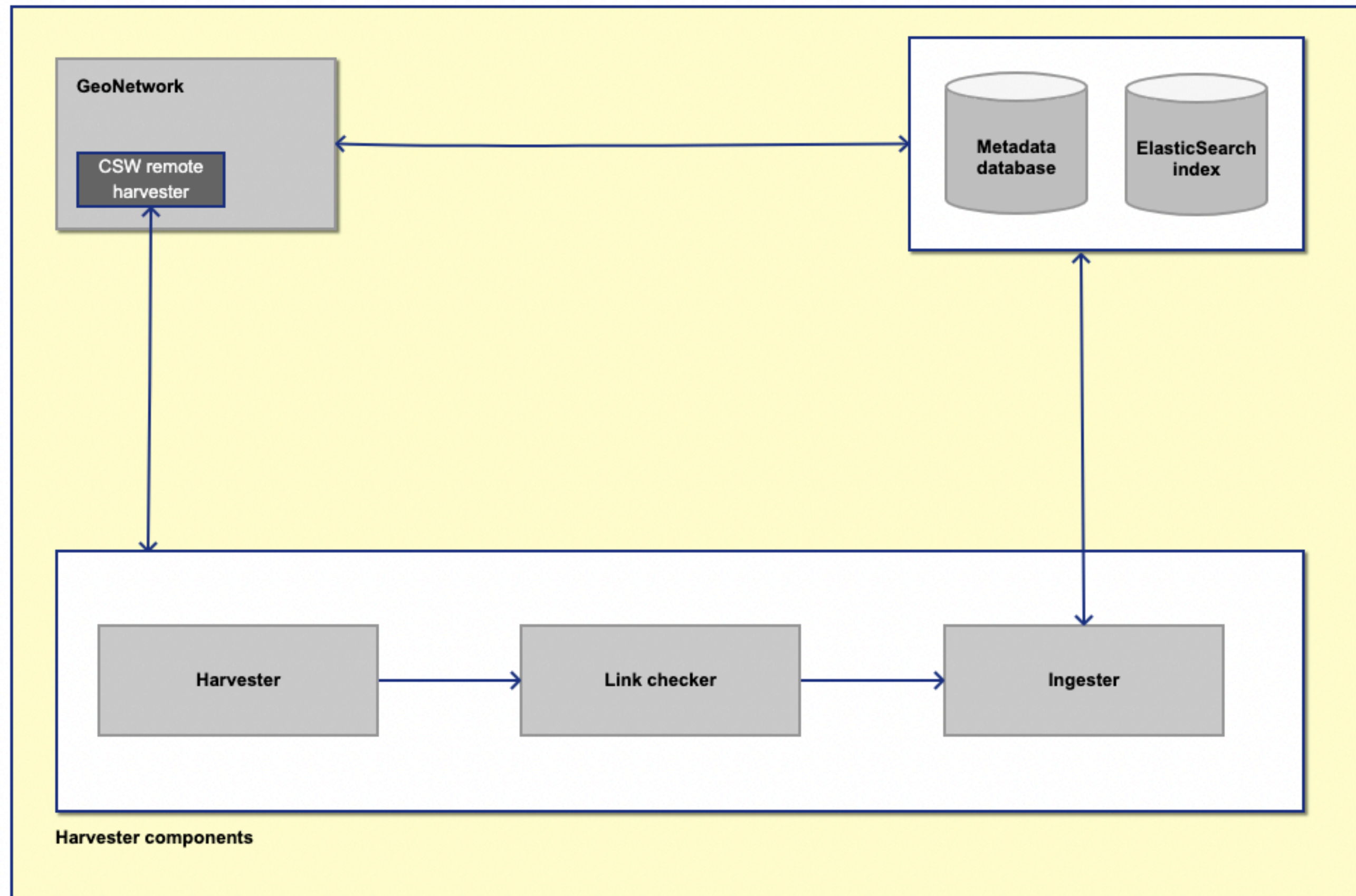
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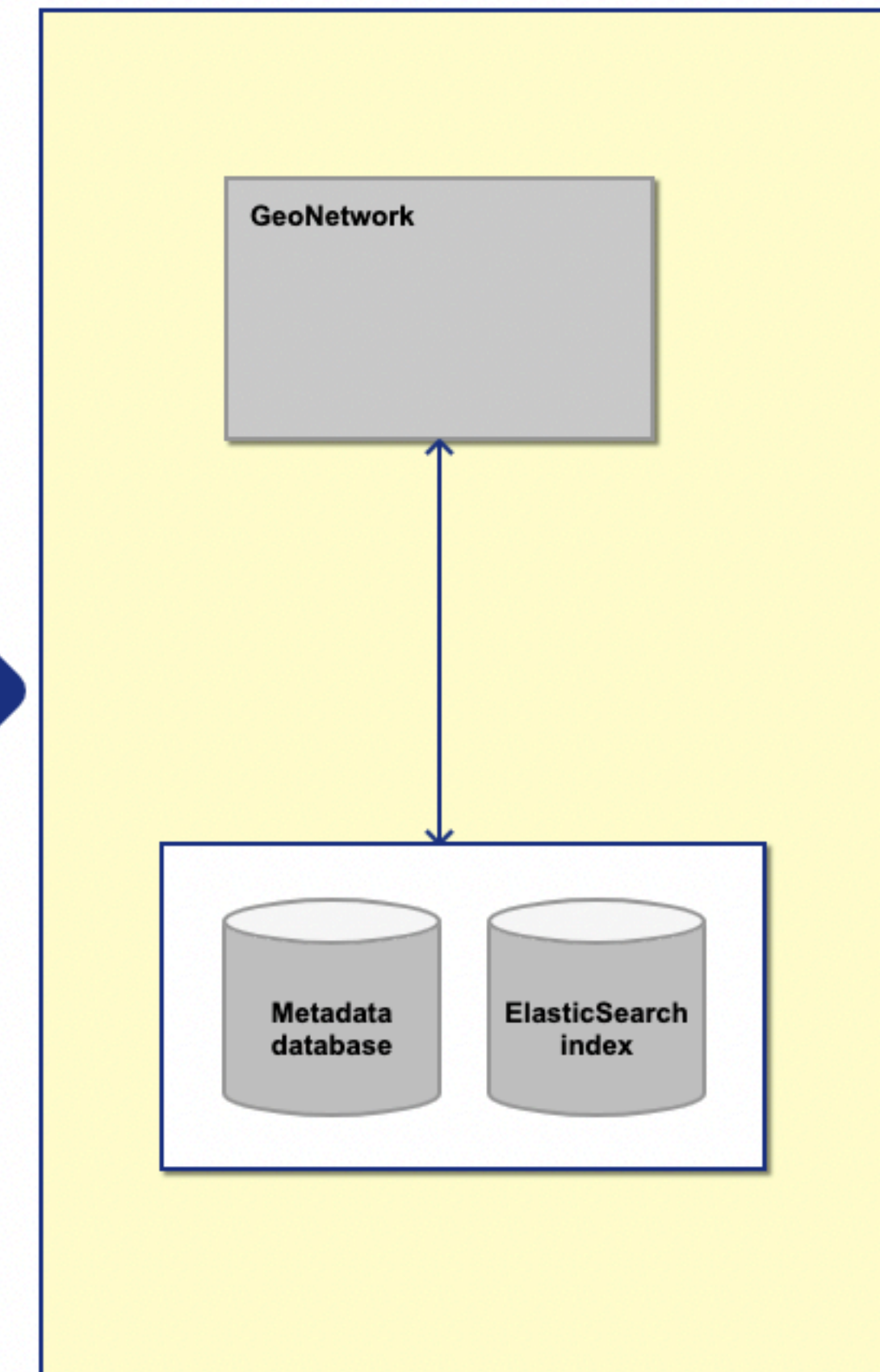
- Architecture
- System features
- Deliverables
- Operationalisation of the system: Expected timeframe

Architecture

Harvester console (member states)



Published results



Architecture

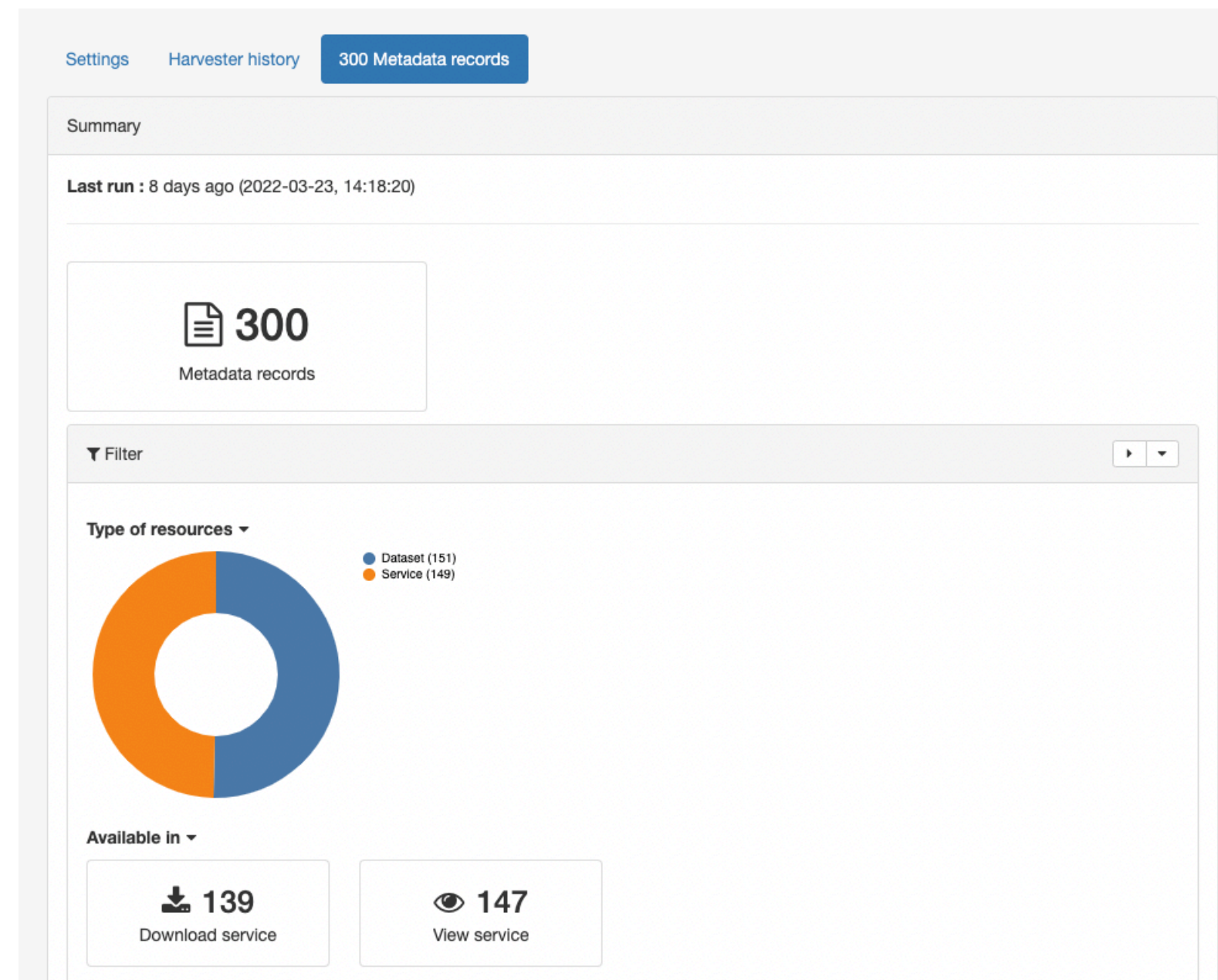
Harvester console UI

The screenshot shows the Harvester console UI. On the left, a sidebar displays the harvester name 'MT' and a summary of harvested records: 'Total 300'. Below this are buttons for '+ Harvest from', 'Clone', and a refresh icon. A 'Need help' button is also present. The main area is titled 'Update harvester MT' and includes 'Delete', 'Save', and 'Harvest' buttons. It contains several configuration sections: 'Identification' with a 'Node name and logo' field set to 'MT'; 'Group' set to 'Malta'; 'User' set to 'admin admin (admin)'; and 'Configuration for protocol OGC CSW 2.0.2 (remote harvester)' with a 'Service URL' field containing 'https://msdi.data.gov.mt/geonetwork/srv/eng/csw'.

The screenshot shows the 'Harvest status' section of the Harvester console UI. It features a 'Harvest status' header and a 'Harvester is running!' notification with a checkmark icon. Below the notification, it states 'Metadata records are being retrieved from the remote catalogue.' and provides a 'Details' section with the following information: 'State: GETTING_RECORDS', 'Expected results: 300', and 'Received results: 100'. There are also links for 'Links checker' and 'Ingestor'. At the bottom, the 'Update harvester MT' section is visible, showing 'Delete', 'Save', and 'Stop' buttons.

Architecture

Harvester console UI



System features

- Harvester console based on GeoNetwork opensource.
- Enhanced harvester component to handle bigger catalogs.
- Automatic translations of some metadata fields.
- Link checker process supporting:
 - INSPIRE classical approach for determining viewability and downloadability of datasets from the service metadata.
 - Simplification approach for determining viewability and downloadability of datasets from dataset links to the services.
- Some of these features will not be part of the first delivery, being available in later phases.

Deliverables

- Docker compose with the integration of the following components:
 - GeoNetwork version including the new CSW harvester console.
 - Harvester
 - Link checker
 - Ingestor

Operationalisation of the system: Expected timeframe

- Testing and deployment in JRC infrastructure (April/May).
- System accessible for Member States.
 - Testing from countries (mid May).
 - Technical trainings (June).

Harvester console demo

Thank you