

MONGEOSOURCE

A Geonetwork portal use case for public organizations in France

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Geonetwork Meeting, 23rd June 2020



Geoscience for a sustainable Earth

brgm

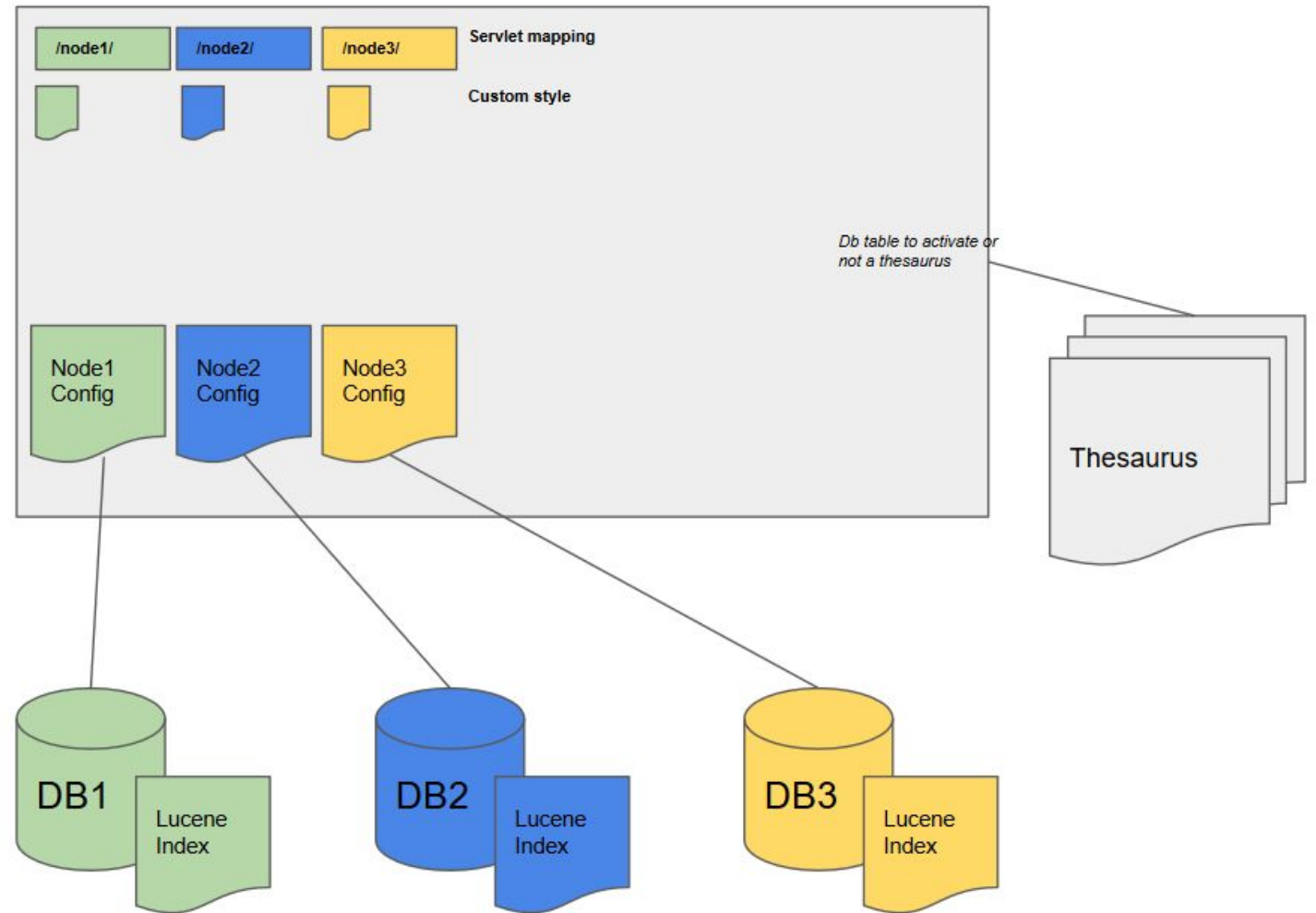
Mon Geosource – Goals of the project

- Software As A Service (SAAS)
 - For creating and publishing INSPIRE metadata, then transfer them to Geocatalogue, the french national catalog
 - Authorized users : french public authorities (or their delegates)
 - Has been used progressively by a large number of public authorities, including the largest ones:
 - State Agencies: IGN, INERIS, OFB, ...
 - Ministries and their decentralized structures: culture, environment
 - Local communities: regions, departments, cities
 - Natural Parks
 - Associations for environmental protection (air, water, biodiversity, noise, waste)
 - Various organizations working in environmental domains
 - Around 150 active users

Before

Multi-Node Geosource (fork of Geonetwork)

- « Farms » of servers
 - 150 node configurations
 - 150 databases
 - 150 indexes
- Shared objects (thesauri)
- Cons:
 - Instantiation of a very large number of objects
 - Slow start
 - Resource-consuming
 - Limited pool connection for each database
 - Very complicated app update (3.0)
 - -> Not so stable

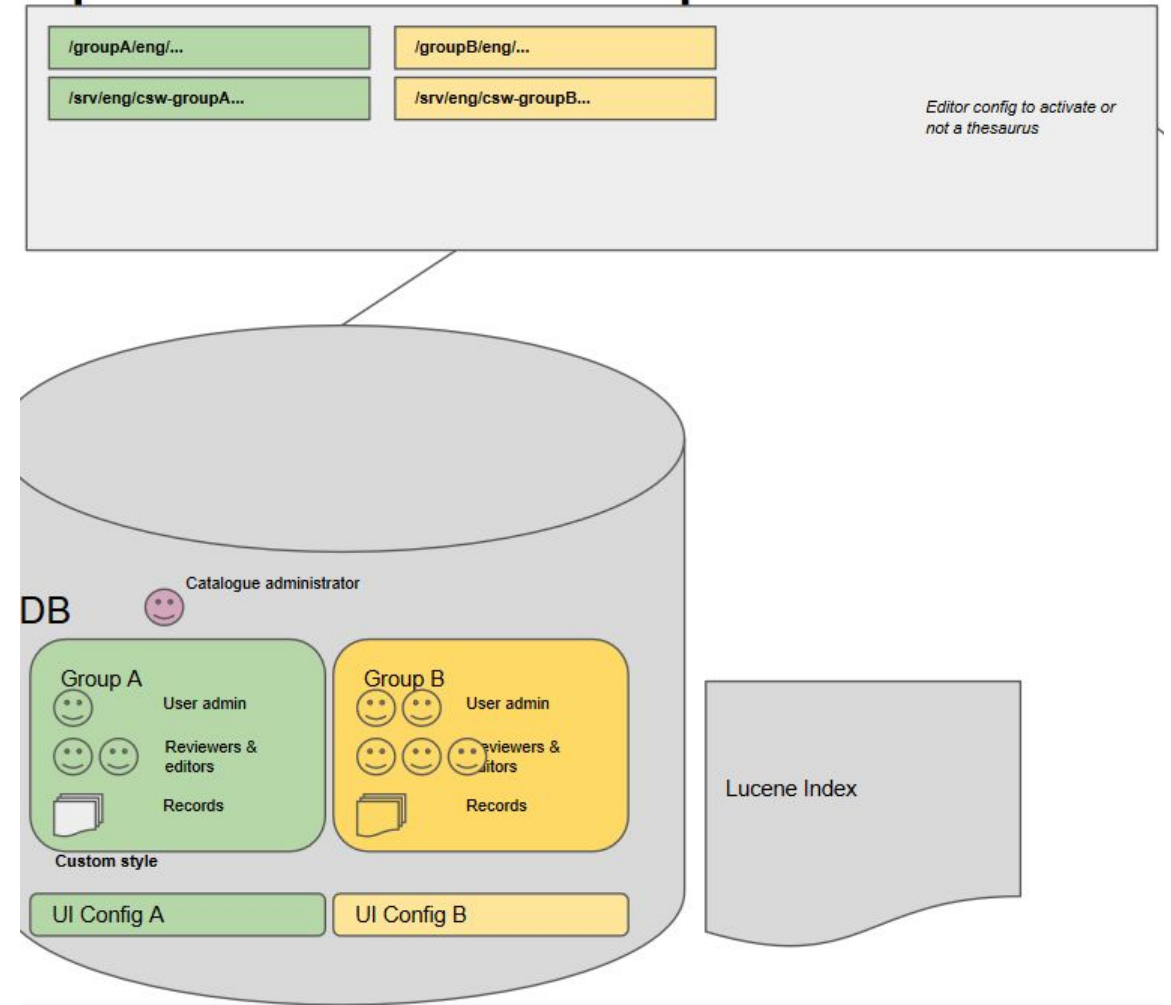


Now

Multi-Portal Geonetwork – from dec. 2019

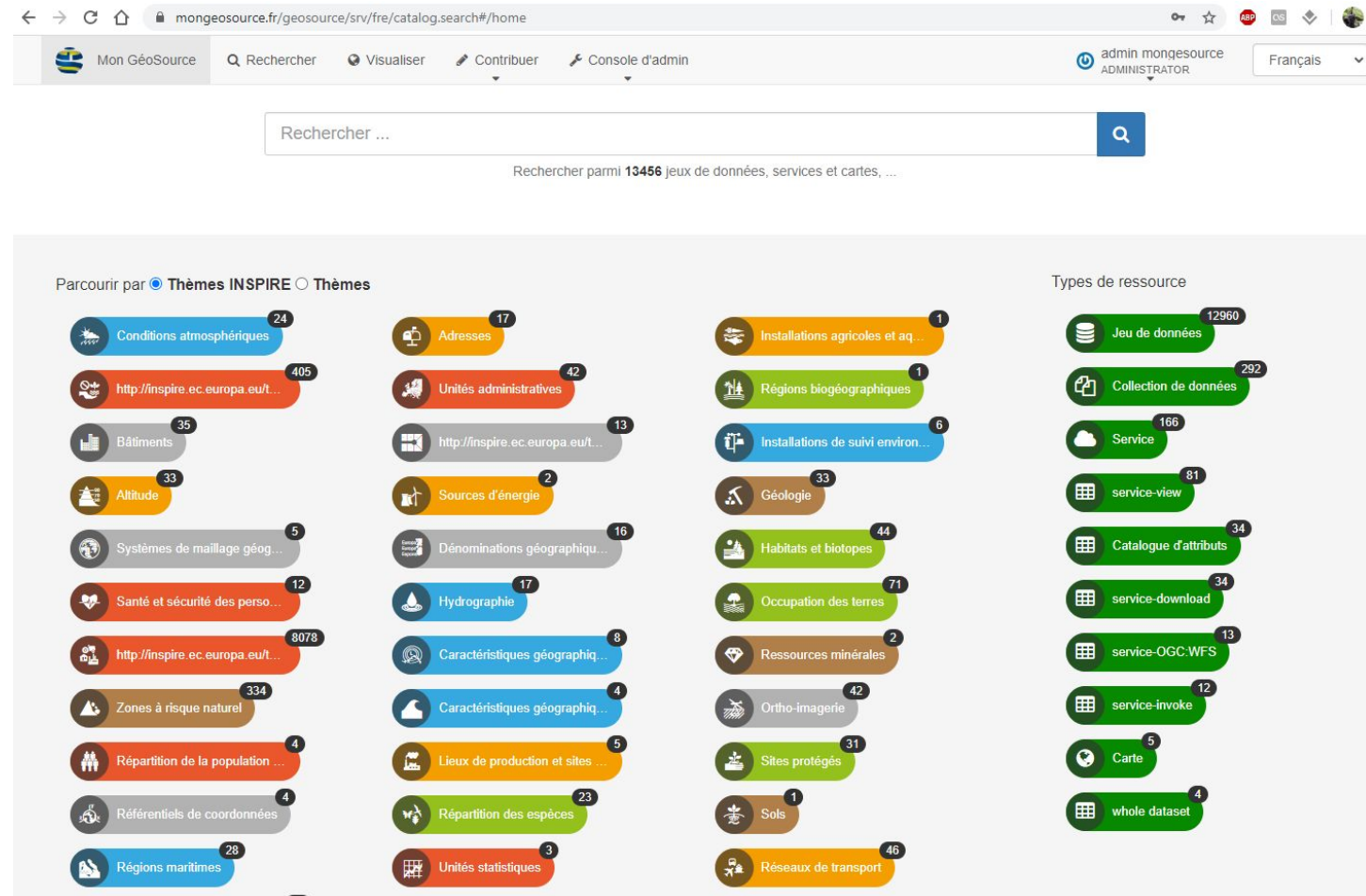
- Feasibility study & dev. by FX Prunayre
- Only 1 database, 1 app instance, 1 index
- 1 old node = 1 group and 1 portal, with each their administrator and their users
- 1 super admin (BRGM)
- Pros:
 - More flexible, more simple
 - Requires less resources
 - Much easier to configure (all in one place instead of 150)
 - Sharing of templates
 - Stable
 - Easy updates: many since a few months (3.11)
 - Use of core functionalities, no fork-maintaining required anymore
- Cons:

- Less isolation between nodes



How it works

- 1 global catalog:
<https://www.mongeosource.fr/geosource/srv/fre/catalog.search#/home>
- All published metadata are visible
- For each portal, non-published metadata are only visible by portal users



How it works

- 1 node = 1 group + 1 portal
- Groups and portals are coded with 4 digits
- For each portal, admin, writer, simple users

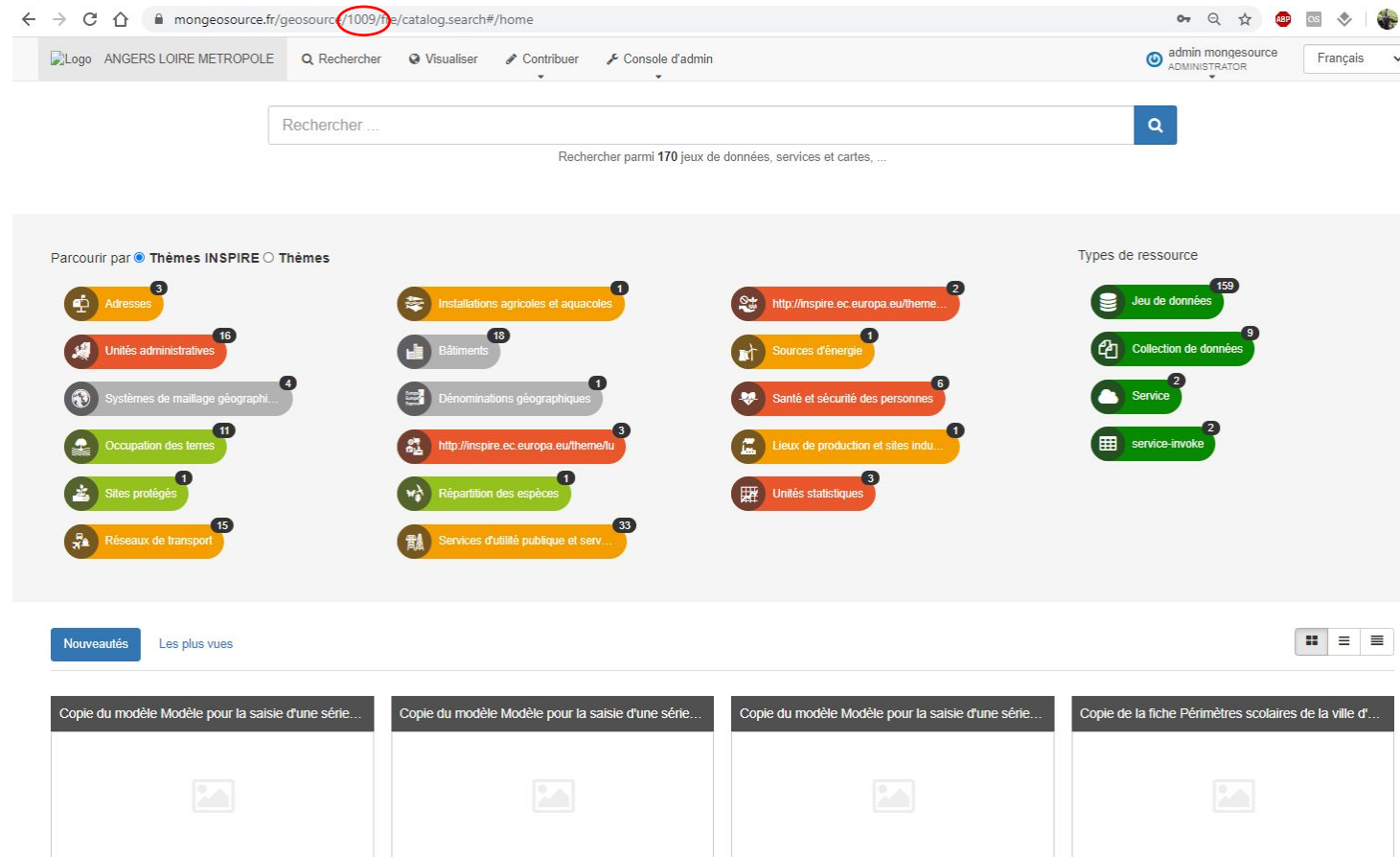
The 'Catalogue sources' interface features a sidebar with navigation options: Paramètres, Interface utilisateur, Style et CSS, Logo, Catalogue sources (selected), CSW, CSW virtuel, Test CSW, and Serveurs cartographiques. The main area displays a list of data sources with a filter bar at the top. The sources include 1071_Opendata, 1260, 1260_02, AFEPTB, Agglomération de Pau, Agrosylva, Air Normand, **ANGERS LOIRE METROPOLE** (highlighted), ANSES, ArScAn_ArcheoFab, Asso Coeur emeraude, and Association SIG L-R. A '+ Ajouter un portail' button is at the bottom. A note states: 'Il y a 3 types de sources : le catalogue principal, les portails qui peuvent être un sous ensemble du catalogue et les catalogues ou services moissonnés.'

The 'ANGERS LOIRE METROPOLE (Portail)' configuration page includes a top bar with 'Supprimer' and 'Enregistrer' buttons. The 'Identifiant' field is set to '1009'. The 'Nom' field is 'ANGERS LOIRE METROPOLE'. The 'Filtre de recherche' field contains '+_groupPublished:1009'. The 'Logo' section shows the 'angers loire métropole' logo. The 'Traductions pour 1009' section shows translations for 'fre' and 'eng', both set to 'ANGERS LOIRE METROPOLE'. The page also includes a 'Besoin d'aide' link and a 'Nouveau groupe' button in the top right.

- Super Admin can see all groups and portals

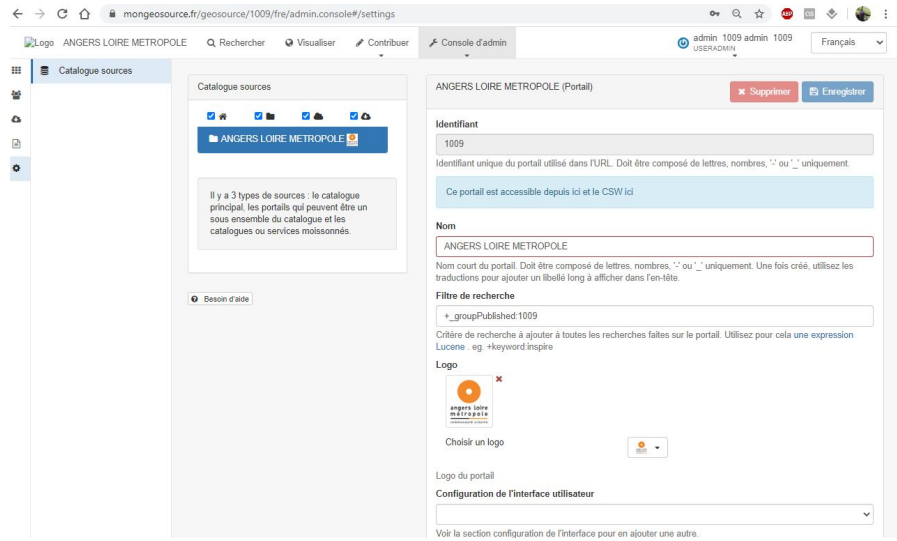
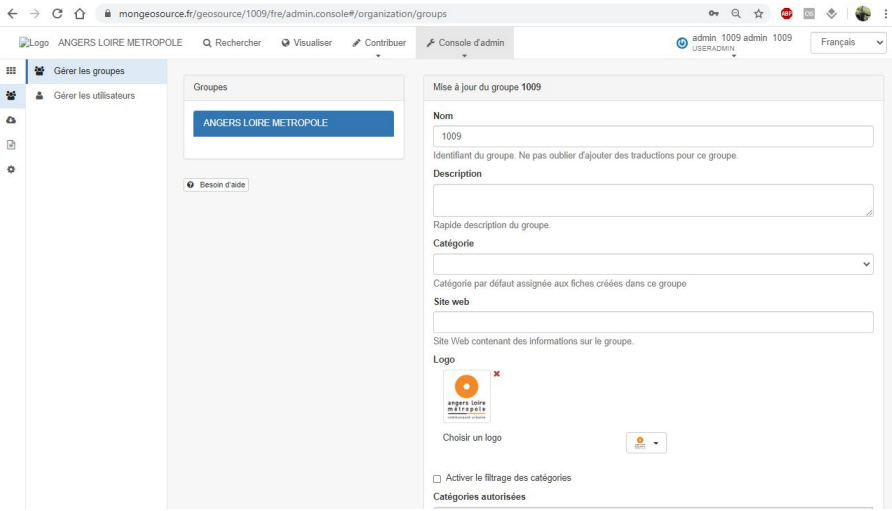
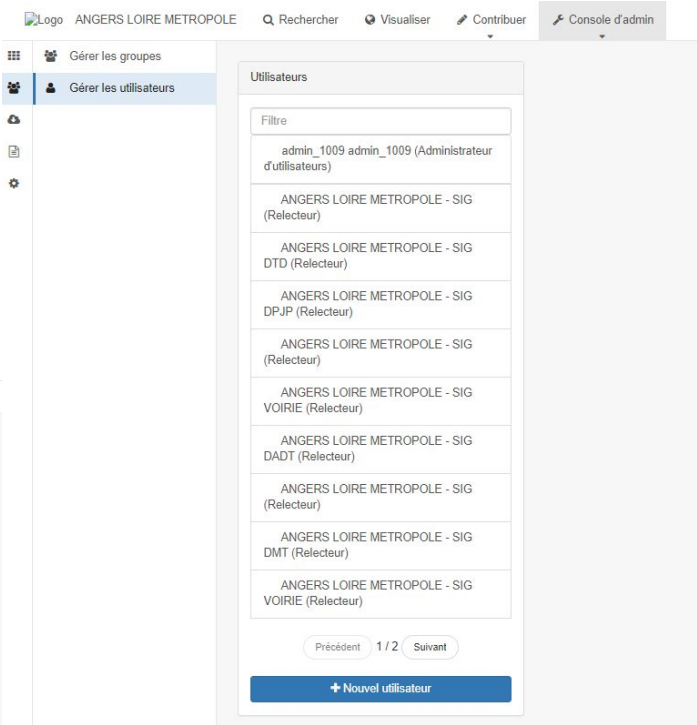
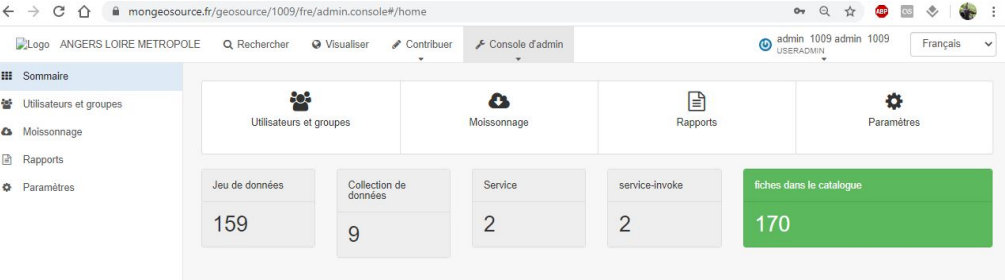
How it works

- Every portal is accessible with its 4-digits code in the URL:
<https://www.mongeosource.fr/geosource/1009/fr/e/catalog.search#/home>



How it works

- Local admins have limited admin rights, including
 - Their own group
 - Their own portals
 - Their users
 - The user interface of their portal
 - Harvesters



How it works

- Local users see only MD in their portal

The screenshot displays the 'mongeosource.fr' web application. The top navigation bar includes the logo, 'ANGERS LOIRE METROPOLE', a search bar, and buttons for 'Rechercher', 'Visualiser', 'Contribuer', and 'Console d'admin'. The user is logged in as 'admin 1009 admin 1009 USERADMIN' with a language dropdown set to 'Français'.

Below the navigation bar, there's a section for 'Mes fiches uniquement' with a search input and buttons for 'Ajouter une fiche +', 'Importer des fiches', 'Gérer les annuaires', and 'Édition en série'.

The main content area shows a list of data records. A red circle highlights the pagination controls, indicating '1 - 20 sur 170'. The records are listed with their titles, creation dates, and owners. For example, the first record is 'Copie du modèle Modèle pour la saisie d'une série de données INSPIRE créée le 2020-02-28 10:16:33' owned by 'ANGERS LOIRE METROPOLE - SIG'.

On the left side, there's a sidebar with filters categorized by 'TYPE DE RESSOURCE', 'FOURNI PAR', 'ÉTAT DE VALIDATION', 'GROUPES', 'PROPRIÉTAIRE', 'VISIBLE PAR', 'STANDARDS', 'MOISSONNÉE', 'TYPE DE FICHE', and 'PUBLIC'. Each category has a list of options with counts in parentheses.



FRENCH NATIONAL GEOLOGICAL SURVEY



Geoscience for a sustainable Earth

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THANK YOU...

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