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
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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
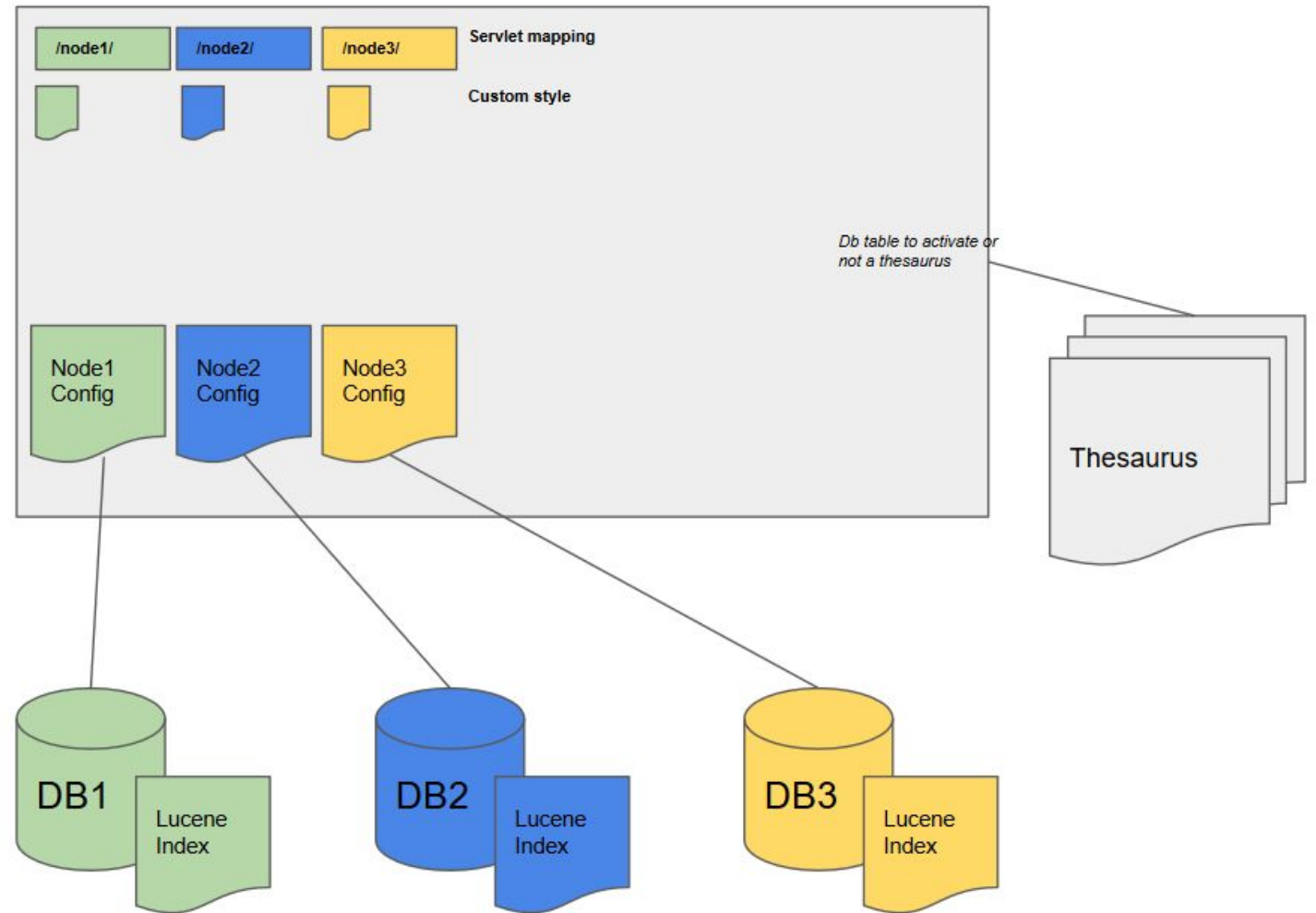
Now

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
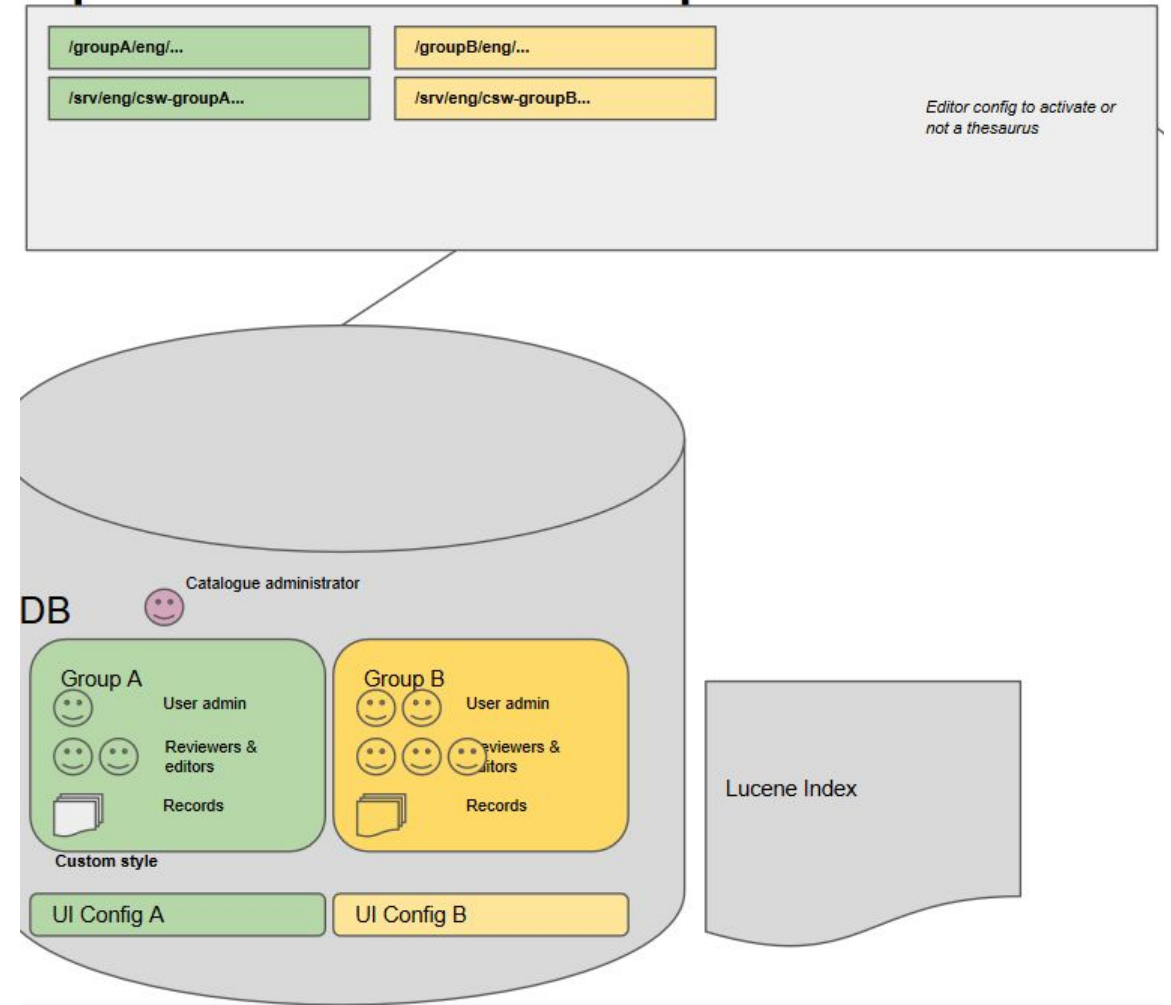
How it works

- 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
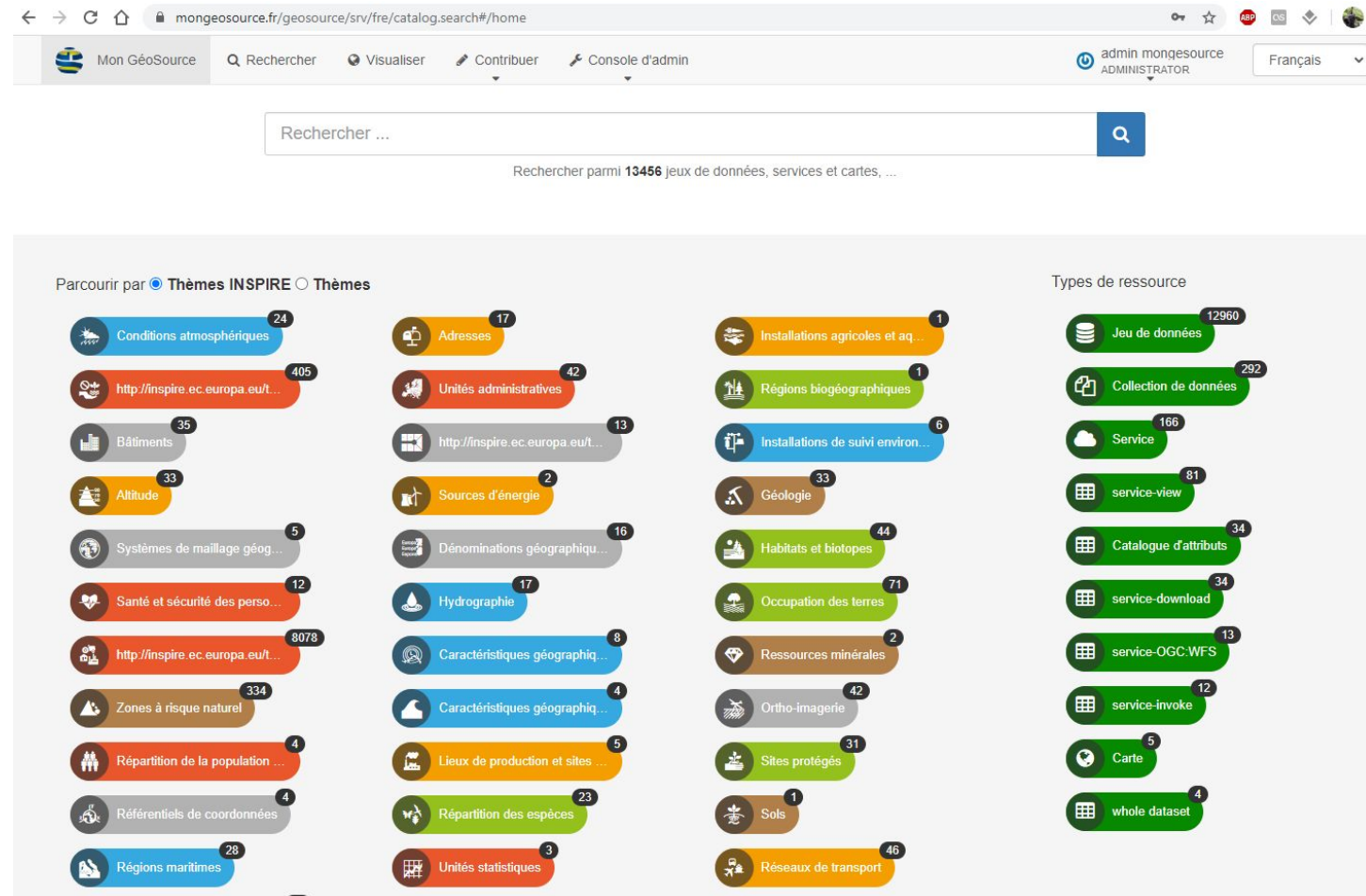
How it works

- 1 node = 1 group + 1 portal

- Groups and portals are coded with 4 digits

- For each portal, admin, writer, simple users

- Super Admin can see all groups and portals

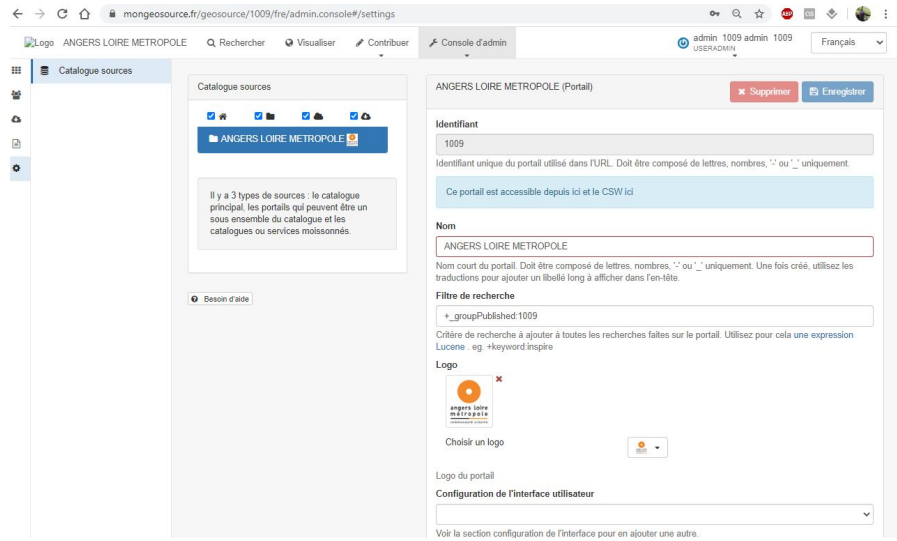# How it works

- Every portal is accessible with its 4-digits code in the URL: https://www.mongeosource.fr/geosource/1009/fre/catalog.search#/home
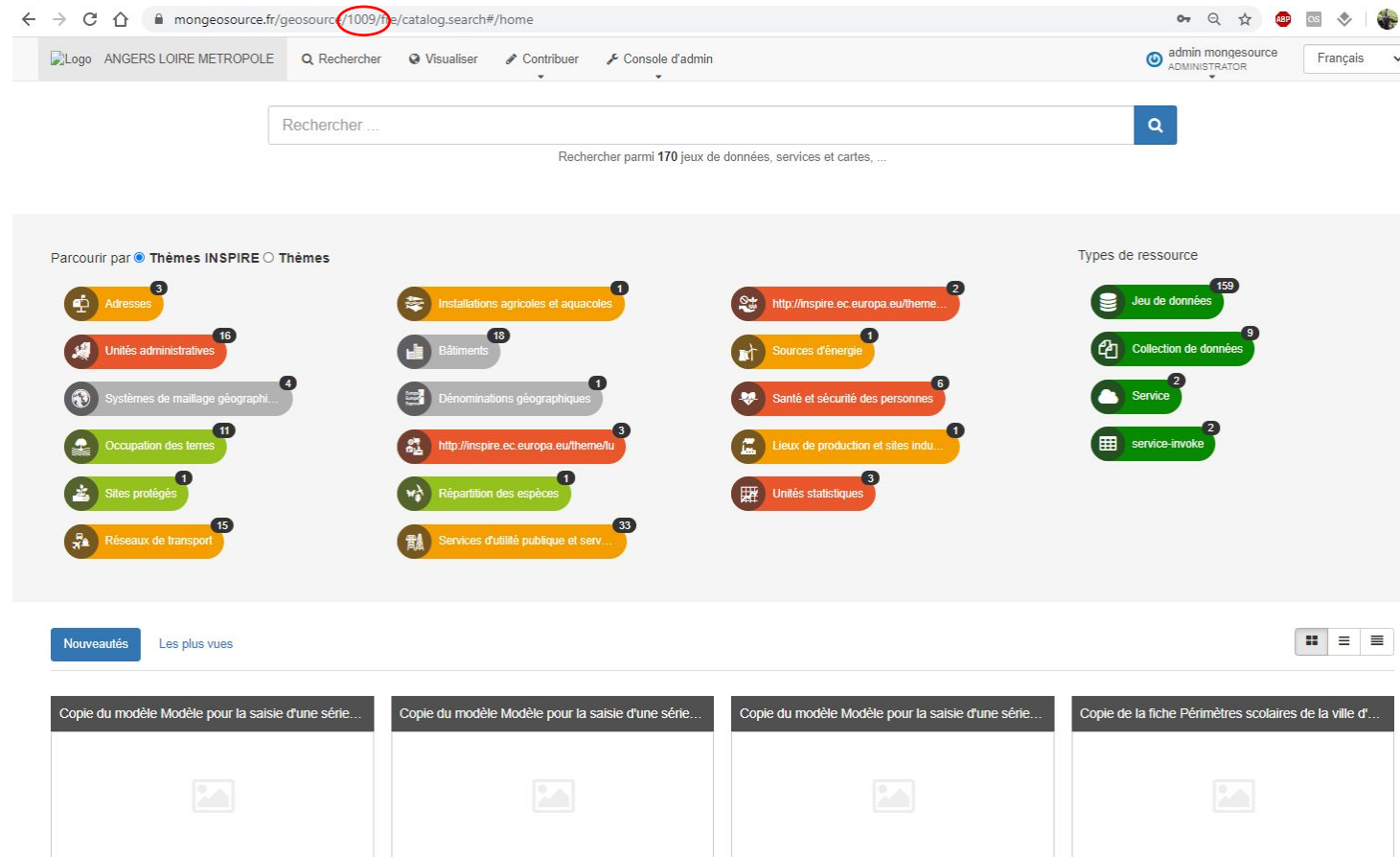
How it works

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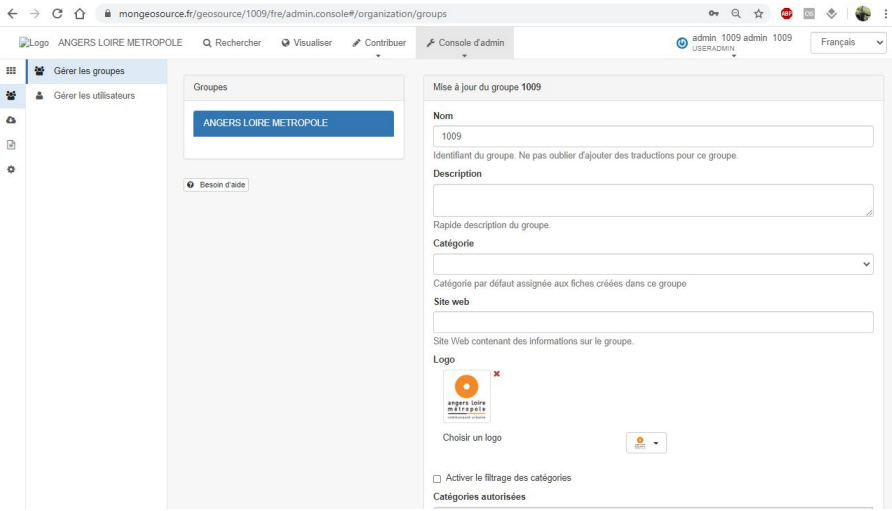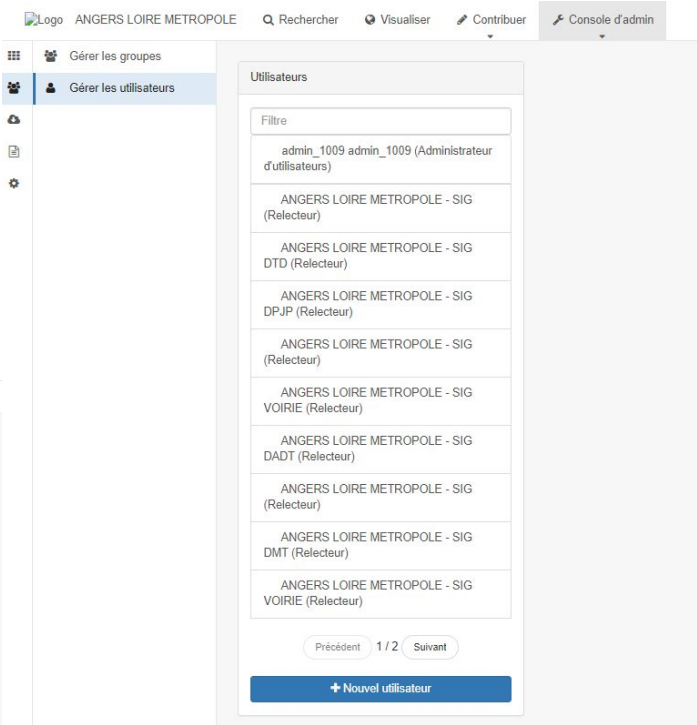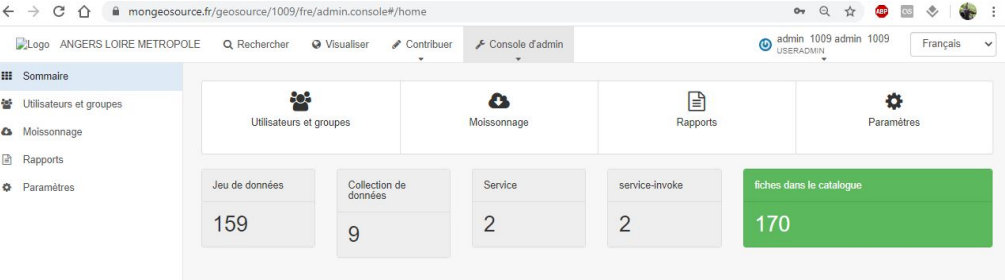
How it works

- Local users see only MD in their portal

FRENCH NATIONAL GEOLOGICAL SURVEY

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THANK YOU...

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