SeaDataNet

PAN-EUROPEAN INFRASTRUCTURE
FOR OCEAN & MARINE DATA
MANAGEMENT

Marine-id and other user authentication business

IFREMER

Users, 2 trust scope

- **Data services users (downstream):**
  - read/only access
  - personal user support
  - usage statistics purpose
  - low security requirements

- **Partners and data providers (upstream):**
  - advanced access (data push, processing)
  - high security requirements

solution: 2 technology proposals

- **Data services users (downstream):**
  - Marine-ID
  - Social networks (google or facebook logins)

- **Partners and data providers (upstream):
GEANT/eduGain federation of identity for education and
research organizations.**

Marine-id, what we now have

- **Self registration** and profile management service (PWM)
- **Single Sign On solution** (CAS) implemented for:
  - SeaDataNet data access service (RSM+DM)
  - SeaDataNet product access service (FTP)
  - EMODNET services (hydrography, ingestion…)
  - Coriolis data access service
- **User database** and statistics (sugarCRM)

Marine-id, registration and profile management

Marine-id, single sign on
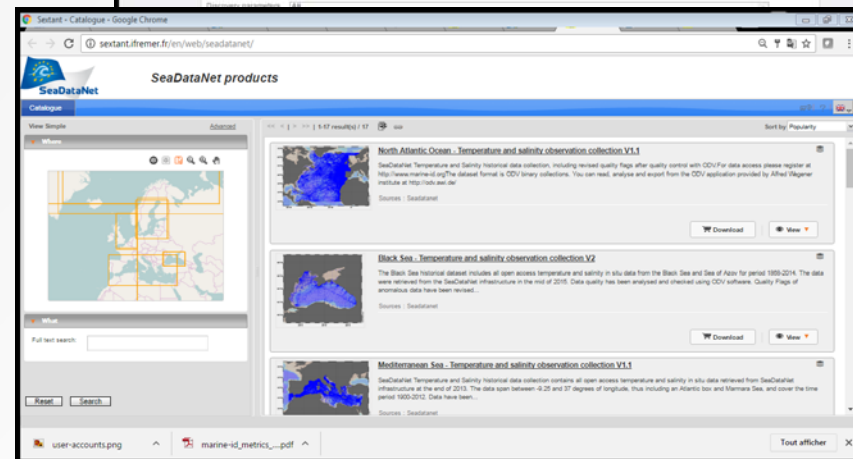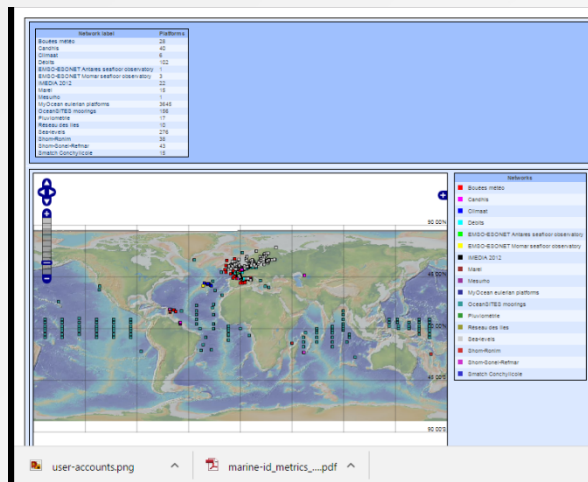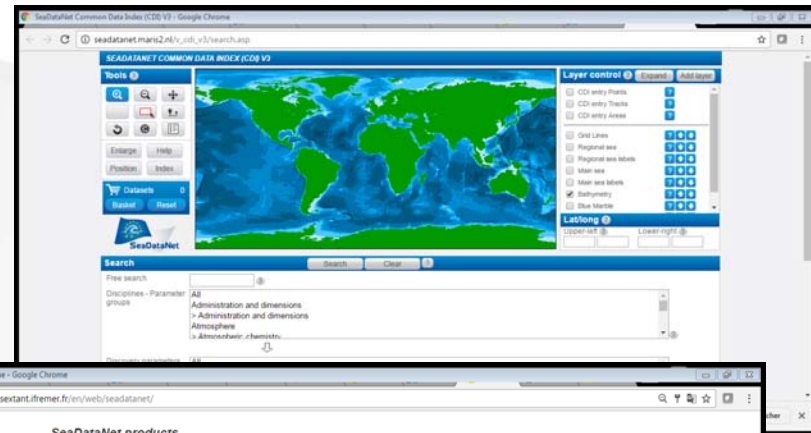
For geeks: Client API
in PHP, Java…

Share/Trust user
authentication

Marine-id, single sign on

Share user
attributes

For geeks:
Client API
in PHP, Java…

Marine-id, user database (SugarCRM)

Marine-id, usage reporting

Latest activity
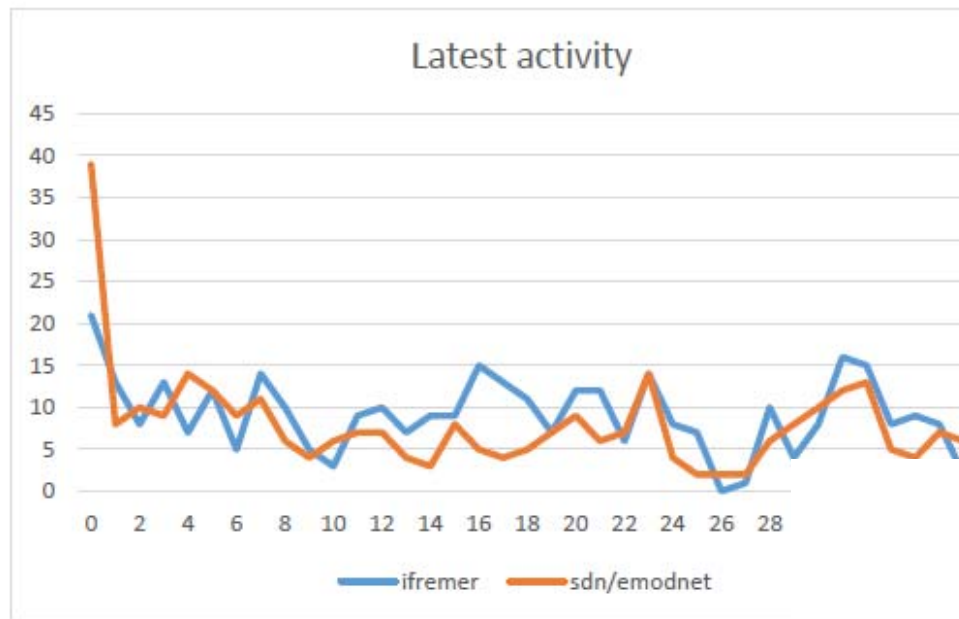
Categories of registered users
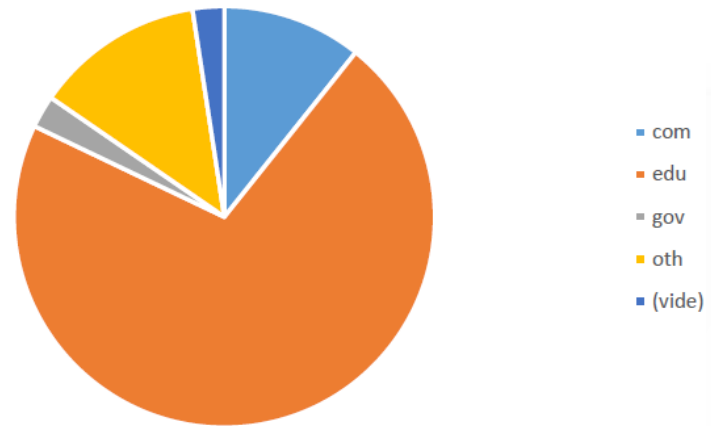
More than 3000
registered users,
1500 organizations

sdn-userdesk@sea

Federation of identity

- Re-use your institute/**organization login** to connect to services

Marine-id and other AAI, plans

- Generalization of solutions (provide updated developer documentation).

- **Ergonomy** enhancements (e.g. email report after registration), new look and feel, especially logo
- Extension to **social networks**
- Extension to **Copernicus** MEMS…

- provide services in the **GEANT/eduGain federation of identity**, e.g. alfresco, ownloud…

- Integration with EUDAT solutions (**B2ACCESS**)

- Links WP5 on usage reporting

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