Toward Secure and Scalable Collaborative Platform to Support the Research Lifecycle

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PRESENTING CNRS:
AN ESSENTIAL RESEARCH CONTRIBUTOR
FOR THE BENEFIT OF SOCIETY

● CNRS is a scientific and technological public organization under the responsibility of the French Ministry of Higher Education and Research

● It carries out research in all fields of knowledge and must meet 3 key targets

  I Pushing back the frontiers of science
  I Meeting the major challenges facing our planet
  I Promoting cutting-edge technology
PRESENTING CNRS:
A STRONG PRESENCE IN RESEARCH AND HIGHER EDUCATION FRONT

- CNRS works in partnership with Research and Higher Education Centers (PRES), universities, engineering and management schools, as well as with other research organizations.

- More than 28,500 publications on average in high-caliber international journals each year, half of which are published jointly with an external organization.

- 18 Nobel prize laureates and 11 Fields Medal winners.

- CNRS is a key player in the French government’s « Investments for the Future » program and have an ambitious research policy.
CoRe (based on MS SharePoint)

Collaborative environment for researchers and research groups,
document management,
federated search,
social networking,
real-time communication, blogs, wikis.

Goal: simplify and secure collaboration in research laboratories, reduce entropy
CoRe : IT for Research : « Services for laboratories »

IT infrastructure : Secure Cloud for pooling resources ➔ source of savings...

- Virtual servers, on demand and custom (VM)
- Secure web hosting (LAMP platform, CMS)
- Raw data storage
- Centralized automatic backup of “My documents”

24/7 IT operation - High Availability - Located in France

“Structured” or “simple” file sharing, “DROPBOX like”

Helpdesk

IT Teams in local offices

Local helpdesk (advice and IT support to the implementation of services)
Support for cross-institutional discovery and collaboration

Sélection du fournisseur d'authentification

- CNRS
- Agence universitaire de la Francophonie (AUF)
- AGROCAMPUIS OUEST
- AgroParisTech Institut des sciences et des industries du vivant et de l'environnement
- Agropolis International
- Agrosup DIJON INSSSAE
- AMUE - Agence de Mutualisation des Universités et Etablissements
- CentraleSupelec
- CEREQ - Centre d'études et de recherches sur les qualifications
- cern.ch
- CHALMERS
- CIHEAM / IAMM
- CIRAD
- CNDP - Centre National de Documentation Pédagogique
- CNIOUS
- CNIOUS Personnels
- CNRS (new)
- Communauté d'Universités et d'Etablissements - Lille Nord de France
- CPE Lyon
- CRDP d'Aquitaine
- CRIHAN
- CROUS Aix Marseille
- CROUS Amiens Picardie
- CROUS Antilles Guyane
Collaborative and multi-organization web portal
Association of research output with persons, organisation units, projects
Support the Research Lifecycle