



The CNRS logo, consisting of the letters 'cnrs' in a white, lowercase, sans-serif font inside a dark blue circle.

Centre de Calcul
de l'Institut National de Physique Nucléaire
et de Physique des Particules

User Portal

FJPPL — Japan-France workshop on computing technologies

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➤ Why a User Portal?

- To help users make a good usage of our resources
- Need to centralize user information – A single entry point

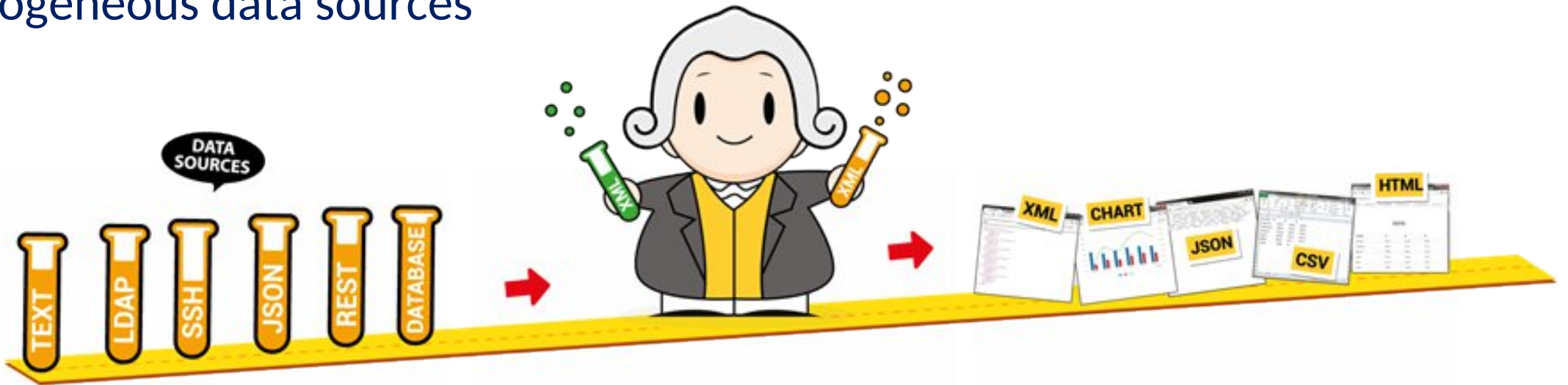
➤ What to show?

- News (services availability, notifications)
- Monitoring / Metrics (job status, available storage, resource usage)
- Documentation / Tools (useful links)

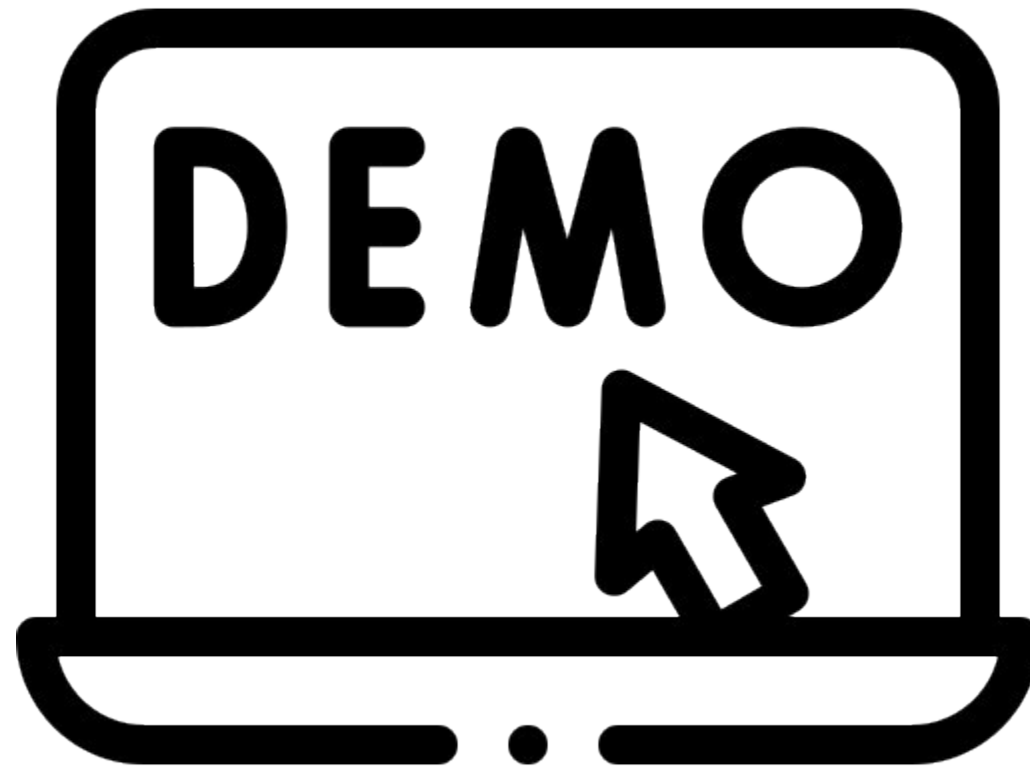
➤ How to proceed?

- Data aggregation
- No reinvent the wheel
- Use existing tools (analytics)

- The authentication and authorization is ensured with the SSO system (keycloak)
- The portal is based on a data aggregation framework called Lavoisier.
- [Lavoisier](#) is a framework which enables to retrieve, transform, merge and query heterogeneous data sources



- Storage services
- Batch system
- News Tools
- Identity Management Systems
- Helpdesk system



- Refactoring of the menu
 - Remove the reports entry
 - Introduce directly the reports into categories (storage, jobs ...)
 - Add new type of reports
- High level view of the statuses of the services by categories
 - Quickly inform users about global statuses (Storage , Compute, Hosting platforms, Network ...)
 - 3 statuses : ok, degraded and down
 - Access to the details - Example : Storage > Databases > MariaDB



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