

Episciences : le modèle des *overlay journals*

Café Science Ouverte PAMIR

-

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Raphaël Tournoy

CCSD - Episciences





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open science



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hal.science



EPIsciences
overlay journals



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www.episciences.org



sciencesCONF
conference management

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Overlay journals?

Le modèle de revues *overlay* : une approche différente de l'édition

- Des revues scientifiques en accès ouvert basées sur des archives ouvertes pour héberger des articles, des jeux de données et des logiciels
- “Couche de services” superposée à des infrastructures ouvertes
- Services pour le peer-review et l’édition
- Publication à coût efficient
- Conformité aux mandats de libre accès
- Auteurs et revues conservent leurs droits ; licences CC

Overlay journals et Episciences

Episciences: une plateforme d'édition en accès ouvert Diamant

- Spécifiquement conçue pour la publication sur le modèle overlay
- L'accès ouvert Diamant : pas de frais d'accès, pas de frais de publication
- pas de frais pour les revues
- Gouvernance académique, la communication scientifique reste entre les mains de la communauté scientifique
- Toutes disciplines, pays, langues
- Pour des revues existantes/création

40 revues

- > 15 000 soumissions
- > 7 000 publications
- > 13 700 utilisateurs/utilisatrices
- > 8 600 peer-review reports



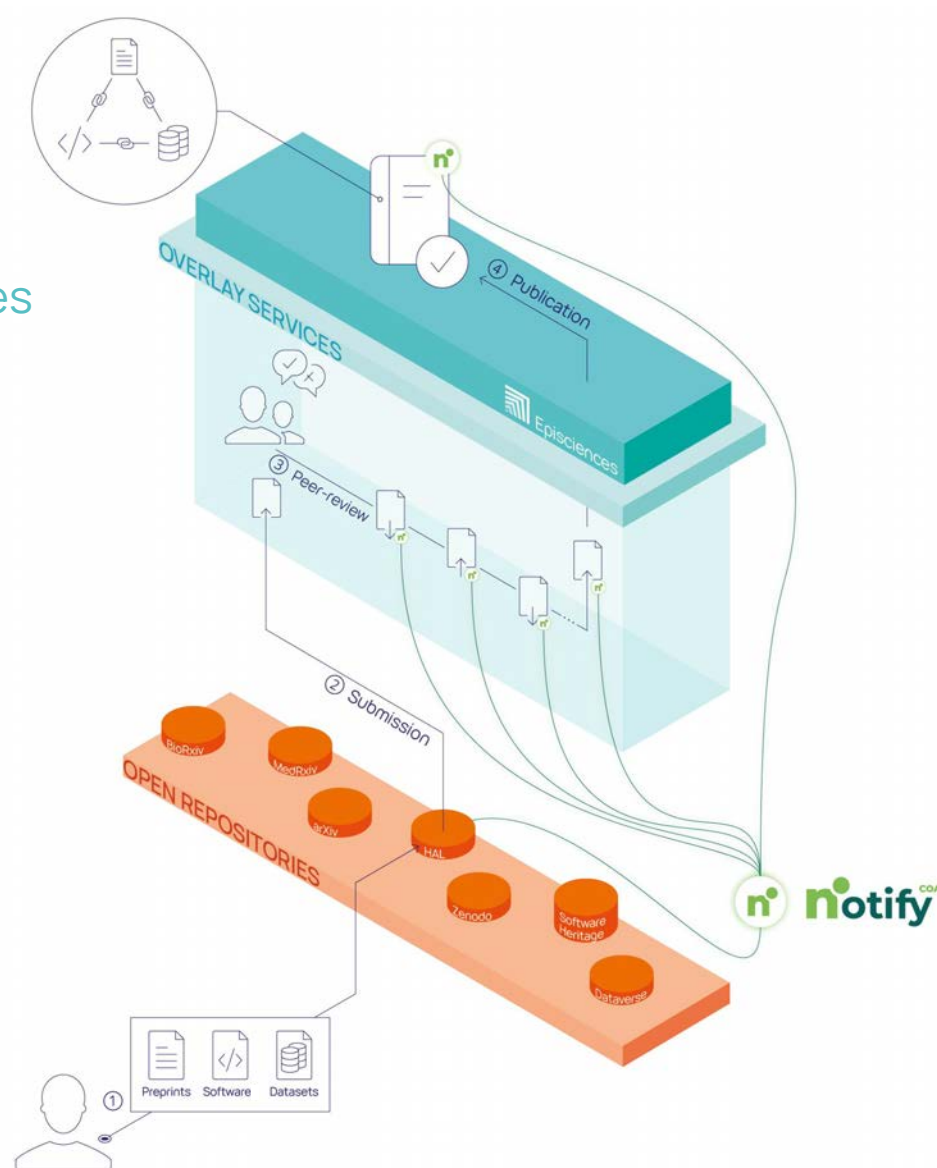
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Le modèle overlay

Superposition des flux du travail d'édition sur des archives ouvertes



Evaluation en
simple aveugle
Evaluation
ouverte/open
peer-review



1. Dépôt du preprint
2. Soumission du preprint
3. Révision du preprint
4. Publication de l'article

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Article

FEQIS: A free-boundary equilibrium solver for integrated modeling of tokamak plasmas

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Abstract

A new axisymmetric equilibrium solver has been written, called FEQIS (Flexible EQUilibrium Solver), which purpose is to be used inside integrated modeling of tokamak plasmas. The FEQIS code solves the Grad-Shafranov equation and the "circuit" equations for the external coils and passive conducting structures that are toroidally connected. The code has been specifically equipped with flexibility in choice of circuit connections, and a stripped-down numerical scheme for the solution of the Grad-Shafranov equation through a structure of multi-level simplifications which can be tested against the required accuracy.

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REGULAR ARTICLE

FEQIS: A free-boundary equilibrium solver for integrated modeling of tokamak plasmas

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Supplementary Material

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Abstract

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Keywords

tokamak, equilibrium, free-boundary

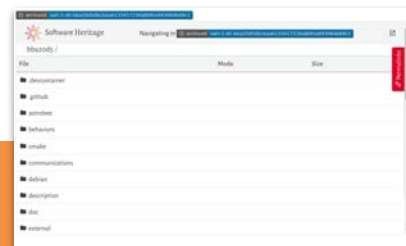
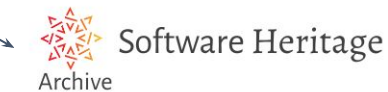
Interconnecter les publications, les données et les logiciels :

Interopérabilité des métadonnées de la science ouverte



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Software



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Jeu de données



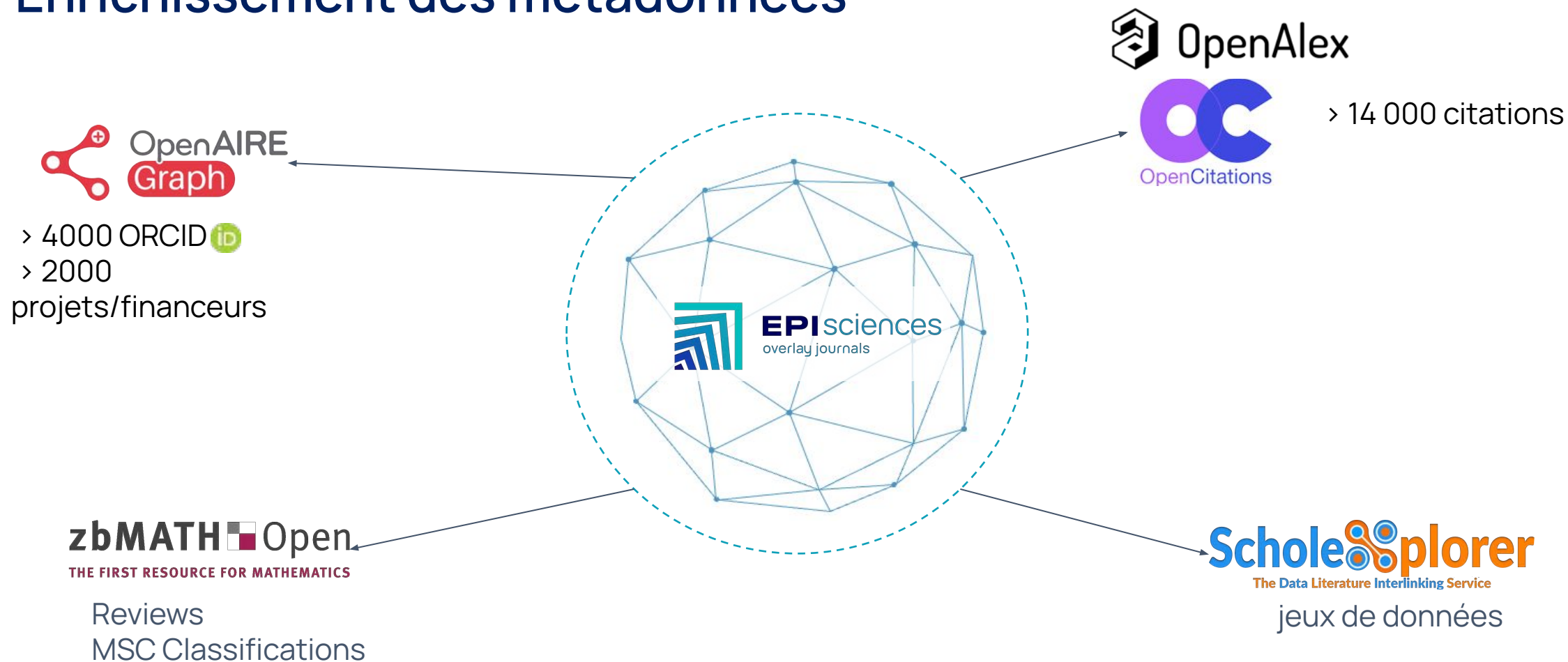
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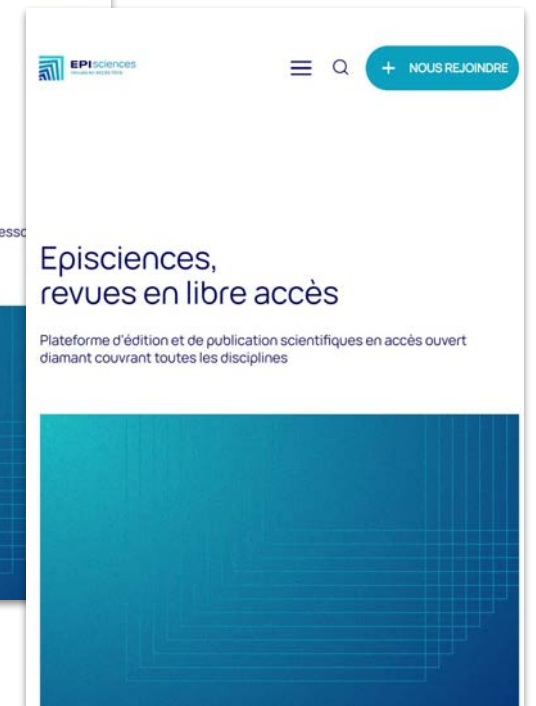
Thank you



Gracias



Obrigado



Merci

