

EURO



Le projet EURO-VO

Refonte d'un site complet

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Sommaire

- L'Observatoire de Strasbourg
- L'EURO-VO
- La mission
- Conclusion

L'Observatoire de Strasbourg

- Près du campus historique
- 3 bâtiments
- Centre de Données astronomiques de Strasbourg
- 3 principaux services : Simbad, VizieR et Aladin



L'EURO-VO

- Ensemble de centre de données
- Collaboration internationale
- Dispose d'un site internet

La mission

- Refaire le site euro-vo.org

The EURO-VO projects: **EuroVO-CoSADIE** Past projects: **VOTECH EuroVO-DCA EuroVO-AIDA EuroVO-ICE**

Science

- Software
- Scientific Tutorials
- Scientific Papers
- Science Advisory Committee
- Acknowledging
- EURO-VO Mailing List

Technical

- Software
- Registries
- IVOA Standards →

Data Centres

- Overview
- Tutorials

Operations

- Overview
- Partners
- Work Packages

About

- Structure
- Partners
- News

The European Virtual Observatory EURO-VO

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    graph TD
      FC[Facility Centre] --> DCA[Data Centre Alliance]
      FC --> TC[Technology Centre]
      DCA <--> TC
    
```

The Virtual Observatory (VO) is an international astronomical community-based initiative. It aims to allow global electronic access to the available astronomical data archives of space and ground-based observatories and other sky survey databases. It also aims to enable data analysis techniques through a coordinating entity that will provide common standards, wide-network bandwidth, and state-of-the-art analysis tools. The EURO-VO project aims at deploying an operational VO in Europe. Its objectives are the support of the utilization of the VO tools and services by the scientific community, the technology take-up and VO compliant resource provision and the building of the technical infrastructure.

News & Highlights

CoSADIE Astronomical Data Centre Forum 2013

10-11 June, 2013.

The CoSADIE project is organising the European Data Centre Forum at the [Zentrum für Astronomie der Universität Heidelberg, Heidelberg, Germany](#).

Technologies and software developed within the Virtual Observatory (VO) can help data center operators in many ways -- from reusing server-side software to providing ready-made client software for their users' desktops, from help in properly and interoperably describing their data holdings to discoverability of their offerings in the central registry. The CoSADIE data center forum will bring together VO engineers and data providers to foster an interchange of ideas and requirements. Data providers are cordially invited to give talks on their perspective, while VO staff will introduce key technologies and software to make data publishing in astronomy easier, more effective, more sustainable and more user-friendly. Deadline for registration is **April 30, 2013**. For more details, visit the Data Centre Forum [web page](#).



La mission - Objectifs

- Simplicité de gestion et maintenance
- Dynamisation du contenu
- Pérennité du système
- Contenu géré par plusieurs personnes



La mission – Choix d'un CMS

- Choix entre Drupal, Joomla et Wordpress
- Comparaison sur différents points : édition, ergonomie, personnalisation, ...
- CMS retenu → Drupal : modulable, prise en main facile, configuration complète



La mission - Prototype

- Création d'un prototype du site
- Proposition de charte graphique pour la nouvelle version du site
- Réunions régulières pour informer, avoir des retours et avoir des directives

La mission – Aperçu du site

Home

Science

- Software
- Scientific Tutorials
- Scientific Papers
- Science Advisory Committee
- Acknowledging
- EURO-VO Mailing List
- Helpdesk

Technical

- Software
- Registries
- IVOA Standards

Data Centres

- Overview
- Tutorials

News

About

- Partners
- EC Support
- Contacts

The EURO-VO current project: [EuroVO-CoSADIE](#) Past projects: [VOTECH](#) [EuroVO-DCA](#) [EuroVO-AIDA](#) [EuroVO-ICE](#)

The European Virtual Observatory EURO-VO

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[Dullemond and Dominik \(2004, A&A, 417, 159\)](#) provided a physical explanation for this difference: Group II sources have an outer disk which is protected against direct stellar radiation by a puffed-up inner disc. If the outer disc emerges from the inner disc's shadow, i.e. has a large flaring angle, then its SED resembles that of a Group I source.

La mission – Mise en production

- Passage par environnement pré-production
- Préparation du site et de la BDD avant transfert
- Vérification de la manœuvre pour éviter un temps de désagrément trop important



Conclusion

- Expérience très intéressante
- Apprentissage d'un nouveau CMS
- Projet en ligne et utilisé

Merci de votre attention
Avez-vous des questions ?

