ENVi
Espace Numérique du Vitrail
A Digital database on stained-glass window
a M.A. First-Year Student Project

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State of the Art

➢ Restoration data: Many heterogeneous formats

➢ Application and Databases: Horus conditions report, Ginco, Arviva, Aghora, POP, Médiathek, Centre André Chastel

➢ Semantic web vocabularies / ontologies:
  ○ Parcours, Patrimoine culturel et Restauration-Conservation: abandoned syllabus
  ○ Terms relating to interventions on Historic Monuments, French Minister for Culture, Termes relatifs aux interventions sur les Monuments Historiques, Ministère de la Culture.

➢ Workflow report:
  ○ From the moment the DRAC prepares its call for tenders to the moment the restorer returns his restoration file at the end of the work

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Scientific and Technical Issues

➢ How to make data on past, present and future stained glass restoration accessible, interoperable and searchable by all professionals?

○ Conceptual Data Model: integrates a precise stained glass restoration vocabulary

○ Enables collaborative work by proposing a centralized writing tool

○ Assigns Roles and Monitors Data Quality

○ Provides easy access and data display on the web
Where does the project stand now?

➢ **Structure** of the ENVi platform:
  - Website
  - Databases (*Base Numérique du Vitrail*, users management database)
  - **Account**: personal and professional

➢ **Functionalities**:
  - **Search/query** and consultation
  - Visualisation
  - **Forum**

➢ **Technologies**:
  - CakePHP Framework
  - Apache Web server
The FAIR principle:

- **Findable**: Referencing and Linking
- **Accessible**: ENVi website
- **Interoperable**: Development of a vocabulary for the semantic web
- **Reusable**: Exporting the database in several formats CSV/JSON/XML

Our migration to Omeka S

Our future website version on Omeka S →