

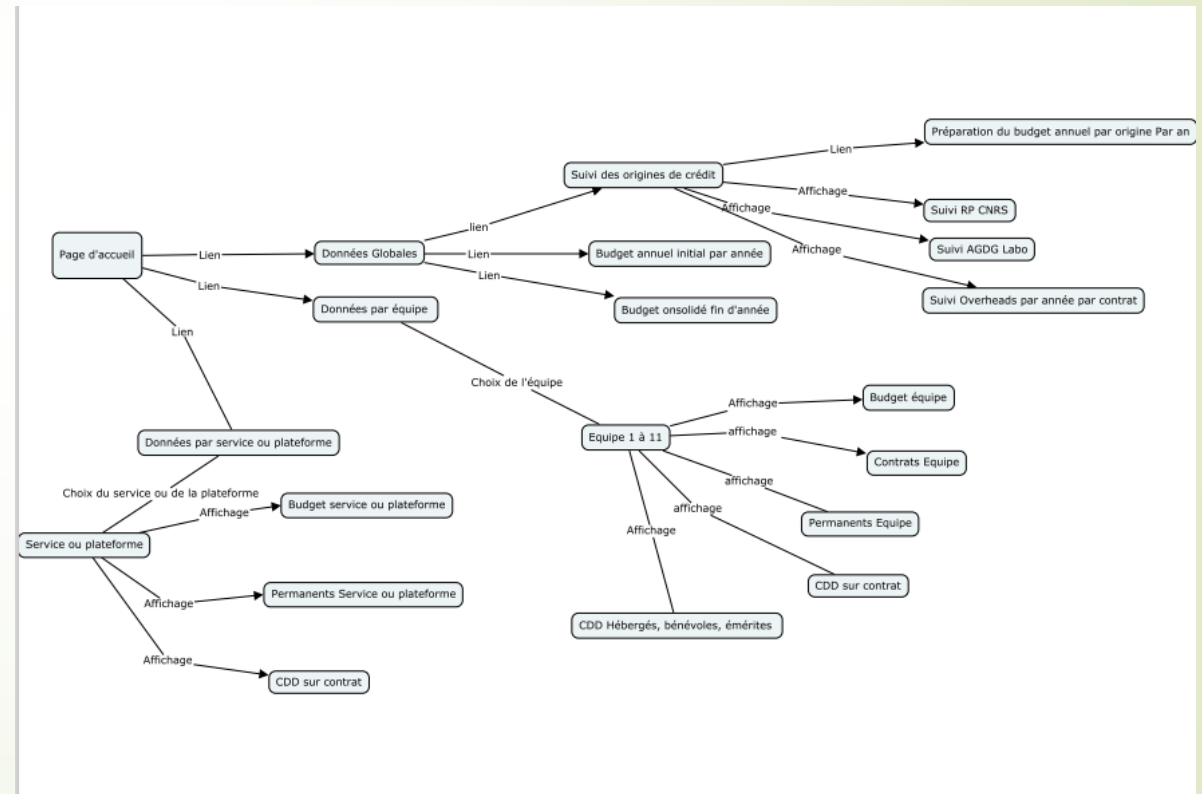


Réalisation d'une application recouvrant
des données financières avec Drupal

Transformation d'un schéma en schéma conceptuel de données

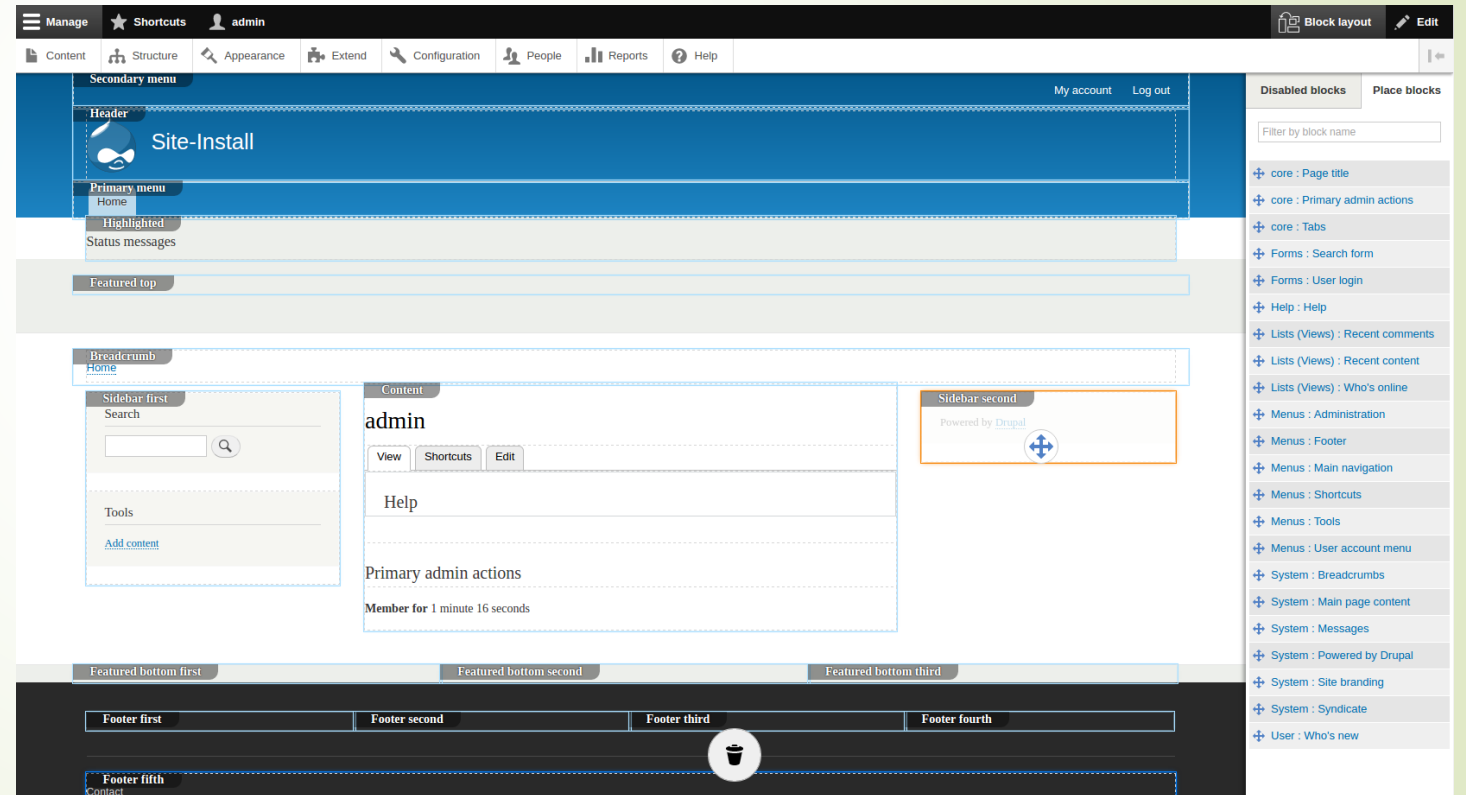
-La première étape consistait à transformer un schéma en schéma entité association en sachant que chaque entité représentait un tableau excel contenant des données financières diverses.

-Le but était de pouvoir organiser le site par groupe de données: les données globales sur une page, celle par équipe dans une autre page et enfin celle par service sur une troisième page



Vue d'ensemble de l'accueil du site sans les données

Le site figure dans l'intranet du laboratoire (IMPMC). Il est donc accessible uniquement par les membres de la gestion financière.



Remplissage d'informations pour les menus principaux

- Chaque page devait avoir un titre et une description afin que les utilisateurs s'y retrouvent.

The screenshot shows a web application interface for editing a page. The top navigation bar includes 'Manage' and 'Shortcuts'. Below it, a secondary navigation bar lists various tools: 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'People', 'Reports', and 'Help'. The main content area is titled 'This is a page title' and includes a star icon and buttons for 'View', 'Edit', and 'Delete'. The 'Edit' button is active. The form contains several sections: a 'Title' field with the text 'This is a page title'; a 'Text' field with a rich text editor containing the text 'Typical Catalan dessert made from cream and egg yolks, covered with a traditional layer of caramelized sugar to provide a crispy contrast.'; a 'Text format' dropdown set to 'Filtered HTML'; a 'Published' checkbox which is checked; and buttons for 'Save', 'Preview', and 'Delete'. On the right side, there is a sidebar with sections for 'Last saved: Not saved yet', 'Author: admin', 'Revision log message' (with a text area and a note to 'Briefly describe the changes you have made.'), 'Menu settings', 'URL alias' (with a 'Label' field and a note to 'Specify an alternative path by which this data can be accessed. For example, type "/about" when writing an about page.'), 'Comment settings', and 'Authoring information'.

Définition et regroupement des champs

Chaque champ ou entité contenait ou était le contenu d'un autre champ. Afin de faciliter l'organisation des tableaux, il a fallu définir quels champs appartenait à quel groupe de données puis renseigner la nature, la date et autre informations liés à ce champ.

The screenshot displays a web application interface for configuring workflows. The top navigation bar includes 'Accueil', 'Gérer', 'Raccourcis', and 'admin'. Below this, a secondary bar lists various system functions: 'Contenu', 'Structure', 'Apparence', 'Extension', 'Configuration', 'Personnes', 'Rapports', and 'Aide'. The main heading is 'Modifier le processus (workflow) Editorial'. A breadcrumb trail shows the path: 'Accueil > Administration > Configuration > Processus > Processus (workflows)'. The 'Étiquette' field is set to 'Editorial' with a system name of 'editorial'. The 'ÉTATS' section contains a table with three states: Draft, Published, and Archived, each with a 'Modifier' button. The 'TRANSITIONS' section contains a table with five transitions: Create New Draft, Publish, Archive, Restore to Draft, and Restore, each with a 'Modifier' button. Both tables have a link to 'Afficher le poids des lignes'.

ÉTAT	ACTIONS
✚ Draft	Modifier
✚ Published	Modifier
✚ Archived	Modifier

[Ajouter un nouvel état](#)

ÉTIQUETTE	A PARTIR DE	À	ACTIONS
✚ Create New Draft	Draft, Published	Draft	Modifier
✚ Publish	Draft, Published	Published	Modifier
✚ Archive	Published	Archived	Modifier
✚ Restore to Draft	Archived	Draft	Modifier
✚ Restore	Archived	Published	Modifier

[Ajouter une nouvelle transition](#)

Données de tableaux excel sous forme de tableau contenant des filtres et menus déroulant

Le contenu final est une page avec plusieurs menus qui contiennent chacun un tableau qui affiche les données voulues selon les filtres choisis. Ainsi l'information recherchée est plus rapide à trouver et le tableau est plus lisible et précis.

The screenshot shows a web application interface for content management. At the top, there is a navigation bar with links: Dashboard, Content, Structure, Appearance, People, Modules, Configuration, Reports, Help, and Shortcuts. On the right of the navigation bar are links for Edit shortcuts, admin, and Log out. Below the navigation bar, the page title is 'Home » Administration' and 'Content'. There are two tabs: 'Content' (active) and 'Comments'. Below the tabs, there is a section for filtering and updating content. It includes a link '+ Add content', a section 'Show only items where' with dropdowns for 'status' (any) and 'type' (any), and a 'Filter' button. Below this is a section 'Update options' with a dropdown for 'Publish selected content' and an 'Update' button. The main part of the interface is a table with the following columns: Title, Type, Author, Status, Updated, and Operations. The table contains 9 rows of content items. The item 'Abigo Lucidus Paulatim' is selected with a checkbox and highlighted in yellow.

<input type="checkbox"/>	Title	Type	Author	Status	Updated	Operations
<input type="checkbox"/>	Magna Tego	Basic page	Anonymous (not verified)	published	02/01/2014 - 13:28	edit delete
<input type="checkbox"/>	Imputo Jumentum Meus Usitas	Basic page	Anonymous (not verified)	published	02/01/2014 - 13:28	edit delete
<input type="checkbox"/>	Nobis Oppeto Torqueo	Basic page	Anonymous (not verified)	published	02/01/2014 - 13:28	edit delete
<input checked="" type="checkbox"/>	Abigo Lucidus Paulatim	Article	admin	published	02/01/2014 - 13:28	edit delete
<input type="checkbox"/>	Aliquip Lucidus	Article	admin	published	02/01/2014 - 13:28	edit delete
<input type="checkbox"/>	Capto Ullamcorper	Basic page	Anonymous (not verified)	published	02/01/2014 - 13:28	edit delete
<input type="checkbox"/>	Quibus Refero Ulciscor Usitas	Basic page	Anonymous (not verified)	published	02/01/2014 - 13:28	edit delete
<input type="checkbox"/>	Suscipere Veniam	Article	admin	published	02/01/2014 - 13:28	edit delete