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CONVERGE

OpenScholar and DBG

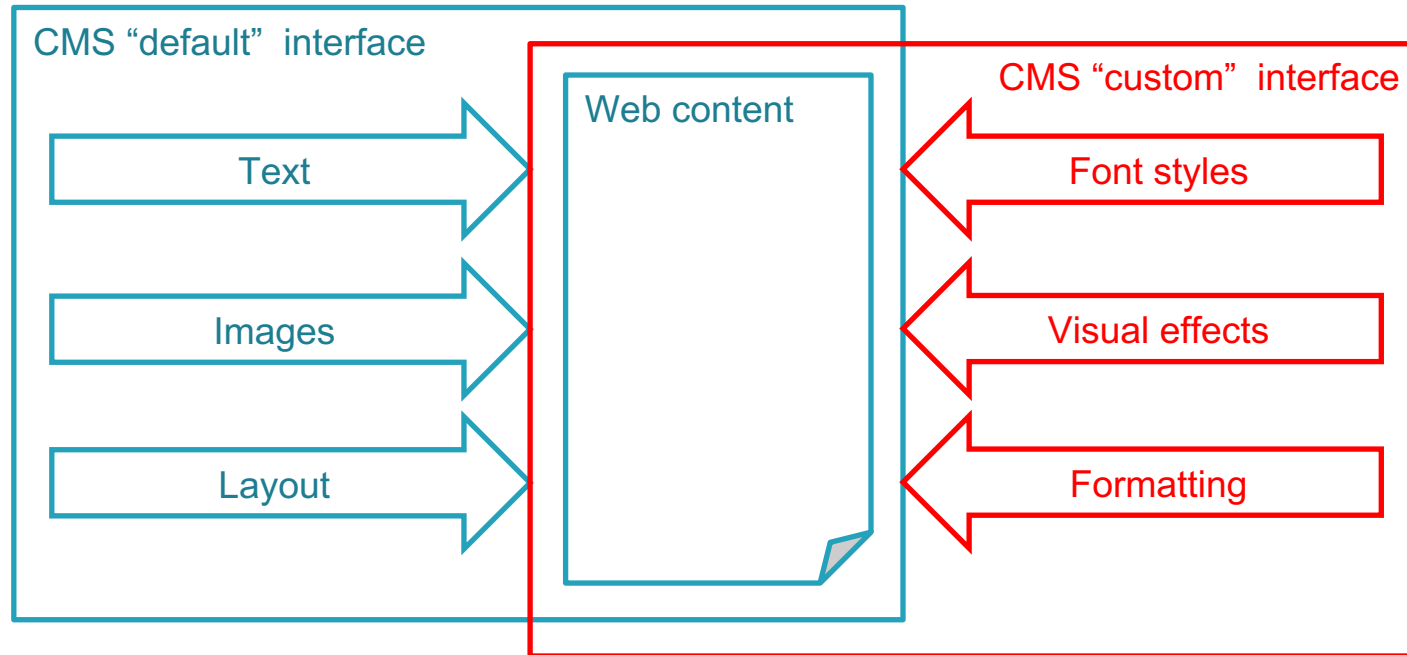
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Today's topics

- OpenScholar model
- OpenScholar basic knowledge and best practices
- User Experience guiding principles
- Resources



“Default” and “custom” editing





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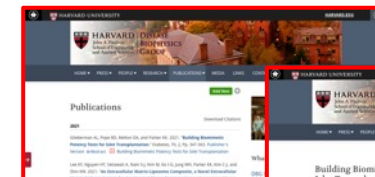
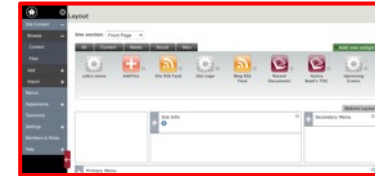
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OpenScholar

basic knowledge and best practices

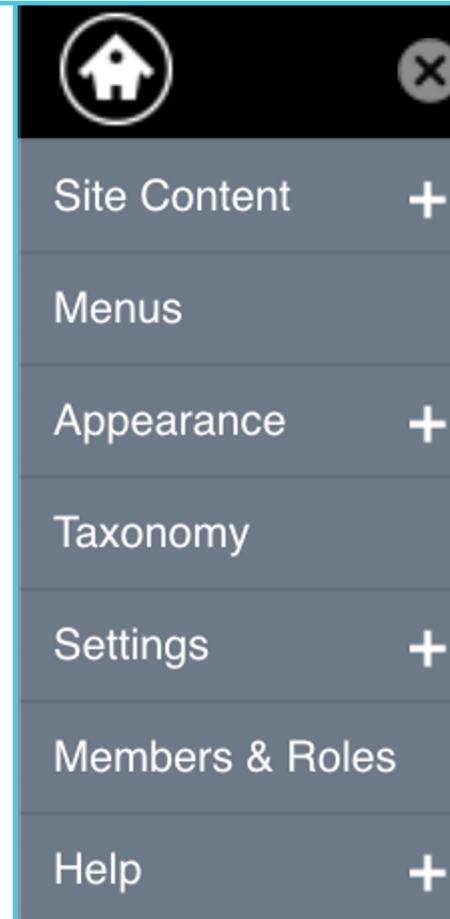
Overview

- Website administration
 - Administrative panel
- Content editing
 - Publishing view
 - Editing view
 - Layout
 - Content
- Content types
 - “Home” pages
 - Subpages



Administrative panel

1. Site content
2. Menus
3. Appearance
4. Taxonomy
5. Settings
6. Members and Roles
7. Help



Administrative panel

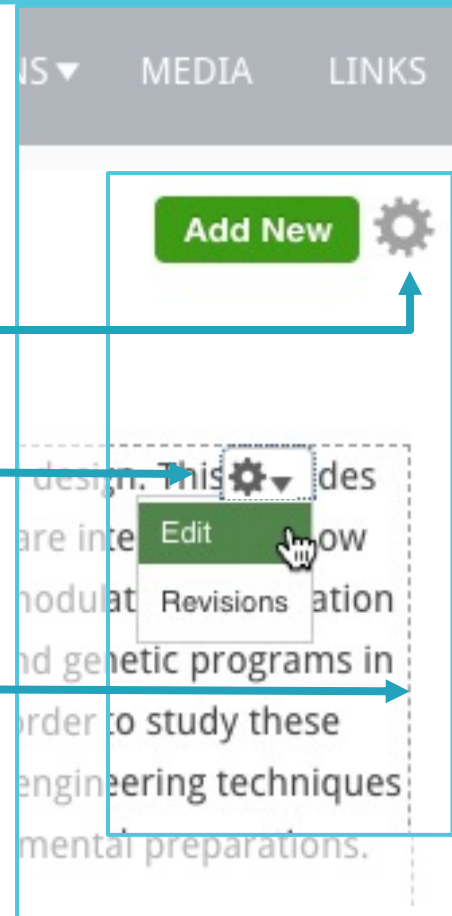


Layout grid access

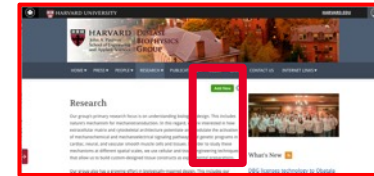
Layout access

Content widget access

Widget container



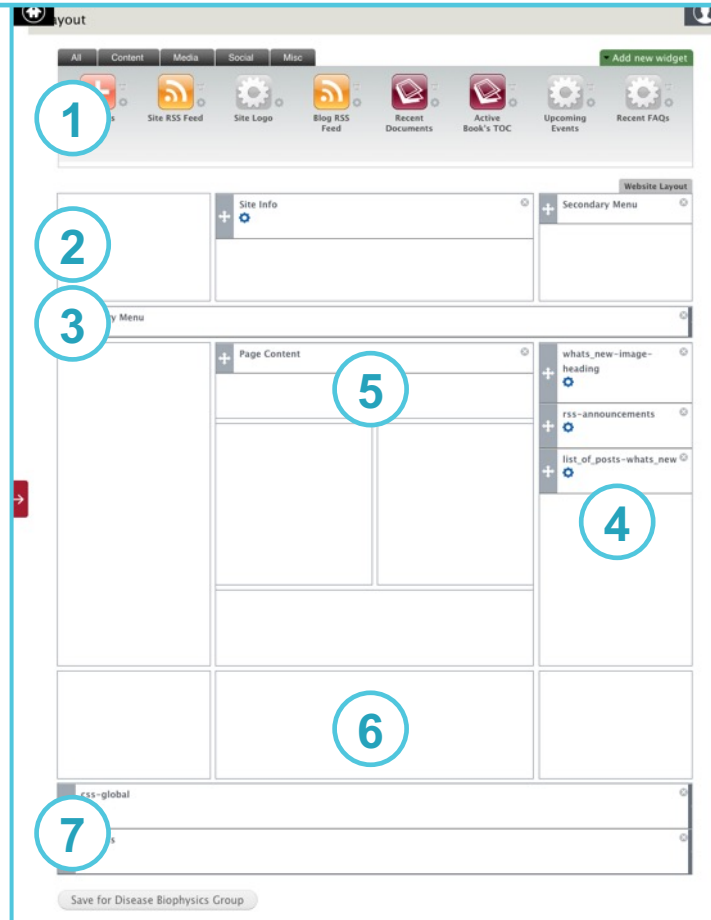
DBG Research



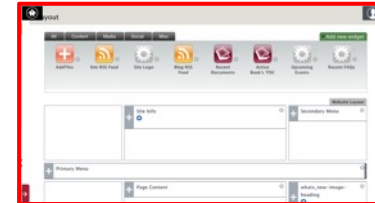
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Layout grid

1. Standard and new widgets
2. Upper navigation
3. Upper tabs
4. Side column
5. Main content
6. Footer
7. Cascading style sheet (CSS) files

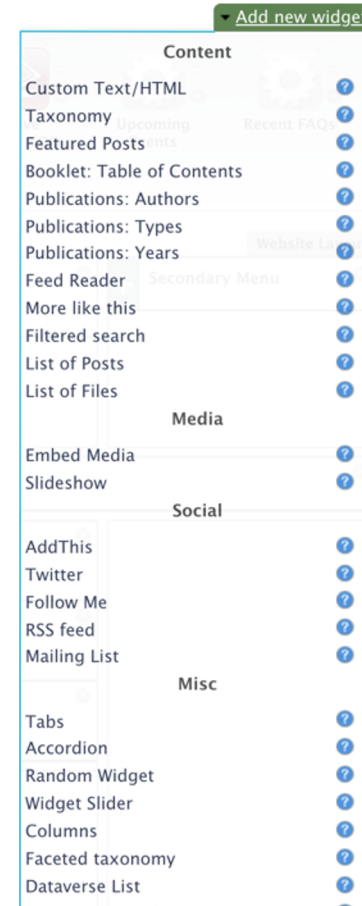


DBG Research - layout

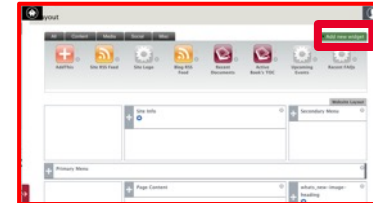


Adding content

- Content
 - Content and lists
- Media
 - Images, videos and CSS
- Social
 - Communication
- Misc
 - Content containers



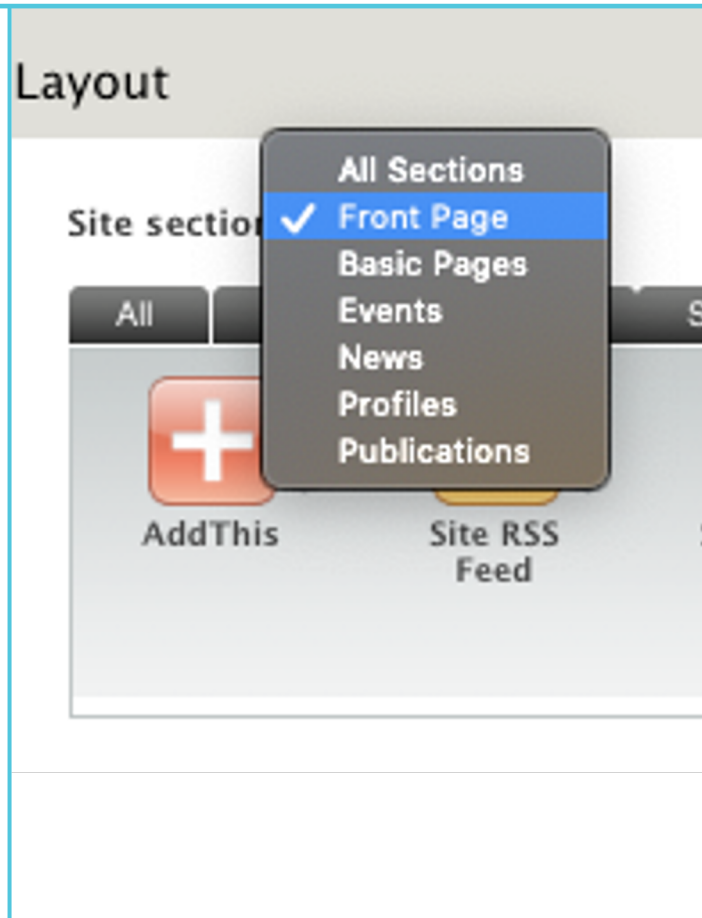
DBG Research - layout
Add new widget



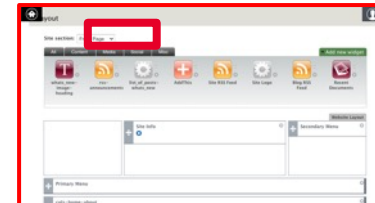
Layout editing

From layout grid

- All sections
- Specific page types



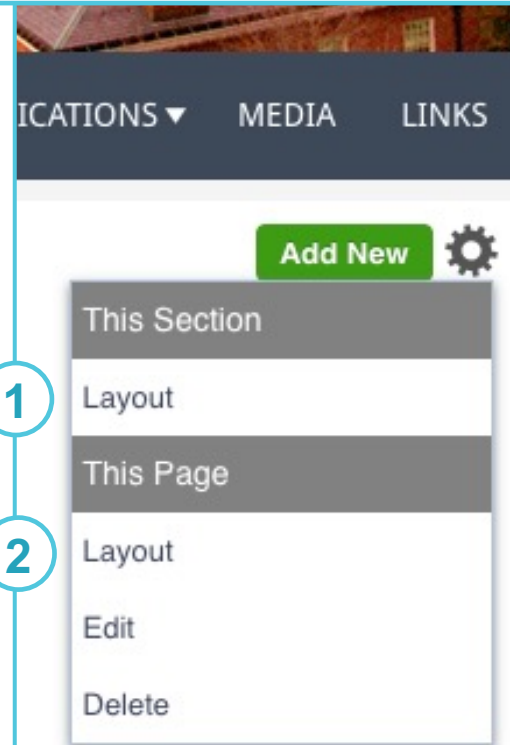
DBG Home - layout
Site Section



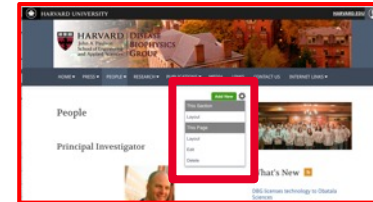
Layout editing

From a page type

1. Layout of all the pages within this section
2. Layout of this specific page

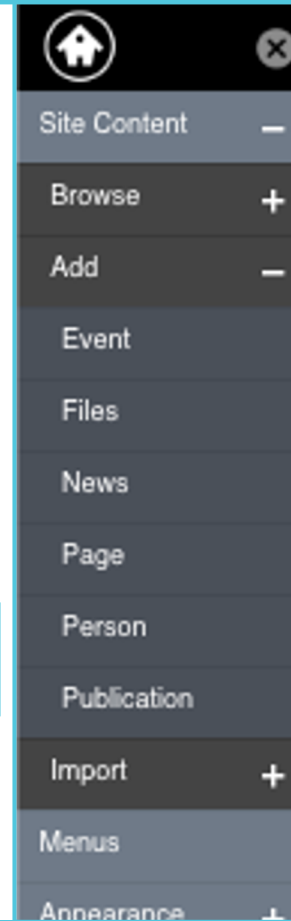
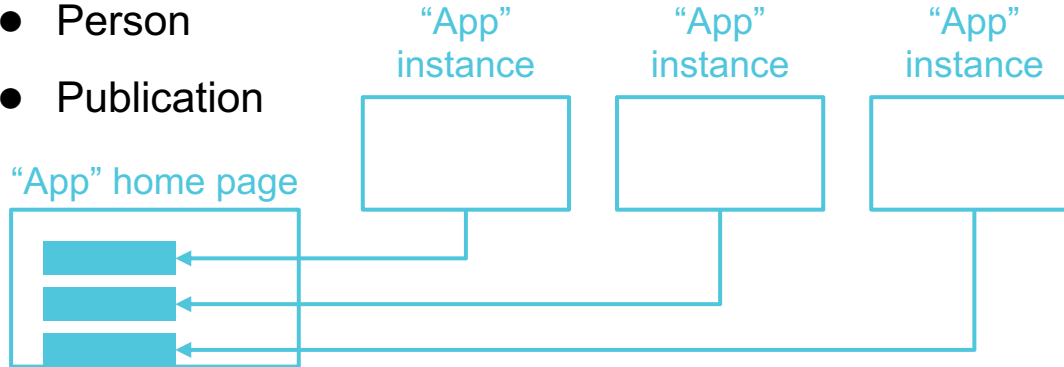


DBG Research
Add New



Content types

- (Calendar) Event
- News
- Page
- Person
- Publication



Site Content/Add/Page



Publications home page



Single publications page



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Nomenclature

- Naming criteria
- Benefits
 - Search
 - Context
 - Grouping
 - Downloading

img-people-henze_0.png

img-people-anyanwu_0.png

img-people-zimmerman_0.png

img-people-tang_0.png

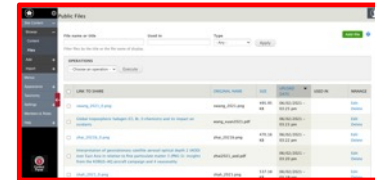
img-people-chang_0.png

img-people-motta_0.png

img-people-chantre_0.png

img-people-ishii.png

Site Content/Browse/Files

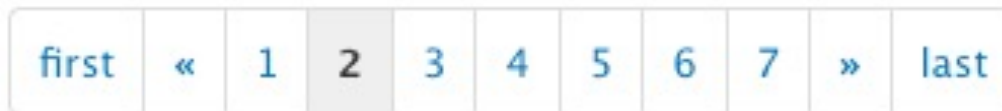


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Maintenance

- Upon editing content
 - Remove unused assets
 - Update links to the website or external content
- Periodically
 - Keep information up to date

Detail of pagination for 7 pages of content objects, over 100 files



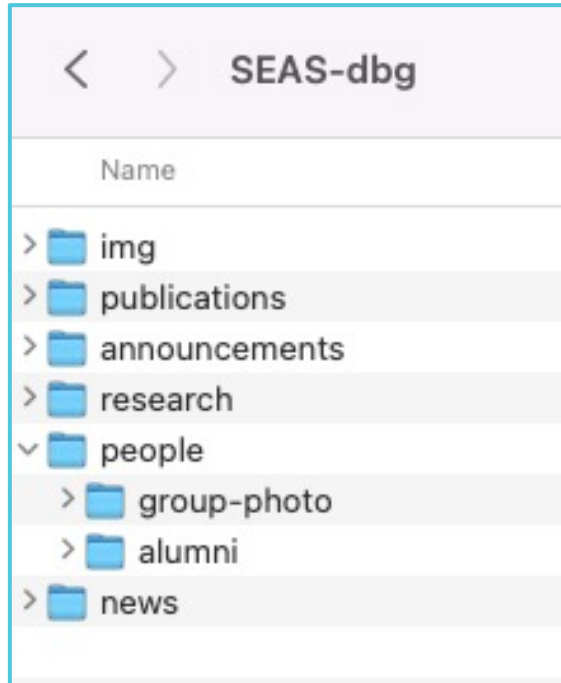
Information architecture

<https://projects.iq.harvard.edu/diseasebiophysics/ux>

The screenshot shows the top navigation bar with links: HOME, PRESS, PEOPLE, RESEARCH, PUBLICATIONS, MEDIA, LINKS, CONTACT US, and INTERNET LINKS. Below the navigation bar is a sidebar on the left with a grey header 'DISEASE BIOPHYSICS GROUP WEBSITE USER EXPERIENCE' and three menu items: 'Site Map', 'Training', and 'Website authoring'. The main content area is titled 'Site Map' and 'Content structure of the DBG website'. It contains a bulleted list of site sections: Home, Press, People, and Research. Each section has sub-items: Home has 'About the Lab' and 'Announcements'; Press has 'Press'; People has 'Alumni' and 'Group Photos'; Research has 'Mechanotransduction'.



Storage





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User Experience guiding principles

User Experience

Practices

- Usability
 - The degree to which something is able or fit to be used.
- Responsiveness
 - The degree to which a product responds (or changes) based on the needs of the users and the device.
- Accessibility
 - The degree to which a product product (for example, a website, mobile site, digital TV interface or application) can be used by people of all abilities and disabilities.



Usability

A usable interface has three main outcomes:

1. Familiarity with and competence in using the user interface during the first contact with the website.
2. Achieve with ease the objective through using the website.
3. Remember the user interface and how to use it on subsequent visits.

(Reference: [Interaction Design Foundation](#))

Practices

- User testing



Responsiveness

Ensure that digital content can be successfully accessed from a mobile device:

- Design with "**Mobile in mind**" as you create your website to ensure simplicity and effectiveness.
- Make critical content **easy to navigate**.
- Avoid **horizontal scrolling**.
- Make content **readable** and the font size **scale** appropriately.
- Ensure that interactive elements (links, buttons, checkboxes, etc.) have enough space around them to allow **easy selection and interaction**.

Practices

- User testing
- Device testing



Accessibility

Ensure that digital content can be used by people of all abilities and disabilities:

- [Online Accessibility website](#)
 - [10 Essentials for Content Creators](#)
- Image alt information
- Headings (h1, h2, etc.) structure
- Color contrast
 - [Color contrast checker](#)

Practices

- User testing
- Assistive technology testing



Resources

- [Open Scholar online tutorials](#) - Refer to this information to publish your digital content.
- [SEAS identity guidelines](#) - Ensure a positive user experience and branding.
- [Harvard Online Accessibility](#) - Make your content accessible to a broad range of users by referring to the [Content Creator 10 Essentials](#).
- SEAS Office of Computing.



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Questions?



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