



OXFORD CANVAS

WEB CMS PLATFORM



TODAY'S PRESENTATION

- ❁ Why a Web Platform for the University ?
- ❁ What will the platform provide ?
- ❁ How have we built it ?
- ❁ When will it be available ?
- ❁ Further questions ??



SOME HISTORY

What was happening:

- ❁ Bespoke solutions developed for each client

Resulting in:

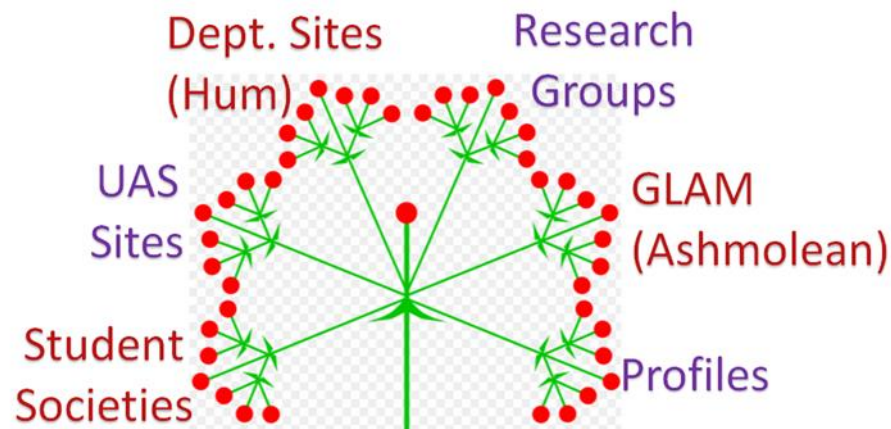
- ❁ High build costs for new sites as little could be reused
- ❁ Ever increasing support costs as the number of sites increased
- ❁ Unable to react quickly to critical security issues

This model is neither sustainable nor scalable



STOP! THERE MUST BE A BETTER WAY...

- ❖ We need a **Shared Platform** that can support all these websites
- ❖ This needs to be a **Product** that grows over time, with reusable features
- ❖ It needs a **Software Architecture** that makes it easy to maintain
- ❖ It should be **Easy to Use** to minimise support and training





PILOT PHASE

❁ July 2015 – March 2016

❁ 29 sites

- ❁ research groups 12
- ❁ departments/units 8
- ❁ service groups 4
- ❁ student society 1
- ❁ college 1
- ❁ innovation fund project 1
- ❁ gardens 2

❁ www.plants.ox.ac.uk

❁ www.apprenticeships.ox.ac.uk

❁ www.easas.eu

❁ www.rai.ox.ac.uk

❁ www.oxforduniversityblues.co.uk

❁ www.clarin.ac.uk

❁ www.warandpeace.ox.ac.uk

❁ www.parks.ox.ac.uk

❁ www.botanic-garden.ox.ac.uk

❁ www.staffdev.ox.ac.uk



PRODUCTION PLATFORM

Main Deliverables:

- ❁ Cloud Hosting
- ❁ Multi-Tenancy Software Architecture
- ❁ Flexibility and feature improvements from the Pilot



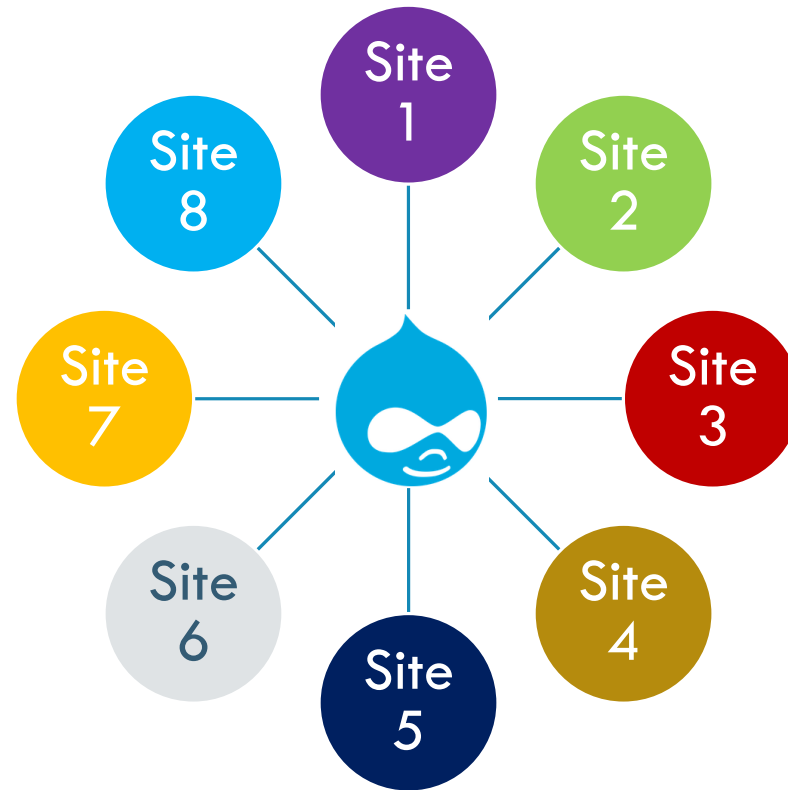
HOSTING

- ❁ Acquia Cloud Hosting
- ❁ Scalable, resilient, supportable





MULTI-TENANCY ARCHITECTURE





USER MANAGEMENT

The screenshot shows the top navigation bar of the University of Oxford website. On the left, there is the University of Oxford crest and the text 'UNIVERSITY OF OXFORD'. To its right is the 'OXFORD CANVAS' logo. A search bar with the text 'Search' and a magnifying glass icon is positioned on the right side of the header. Below the search bar, there are two links: 'IT Services' with a building icon and 'University style guide' with a document icon. The word 'Welcome' is displayed in the bottom left corner of the header area.

User account

Sign in using your Oxford SSO credentials

Login 

Or enter your Drupal username/password below



New Site

This is a new website

Home

Access denied

Sorry, you don't have permission to access this page.

If you have an Oxford username you may be able to access this resource by logging in.

Login 



SITE SETTINGS

Colour scheme

Select a colour scheme for your site, or use pick and mix to create your own:

- Oxford Blue
- A right royal todo
- Fireside
- Bananarama
- Pick 'n' mix

Site Settings

Site Details

Site Theme

Header and Footer

Content types

Navigation

Taxonomies

Background images

Google Analytics

Users

Domains

Site Visibility

Site Logo

Social Media Links

Edit or rearrange social media links:

+ Facebook

+ twitter

Add new social media link

Where should social media links be displayed?

Header

Footer

Header Links

Affiliate Logos



LAYOUTS

Create Page

Page layout
Updated: Please save your content to update the page layout

Layouts

Click on one of the available layouts below to select it as the layout for your page.

Page setup

Region 1

Region 2

Region 3

Region 4

Region 5

Region 6

Menu settings

Not in menu

URL path settings

Automatic alias

Revision information

New revision

Comment settings

Scheduling options

Not scheduled

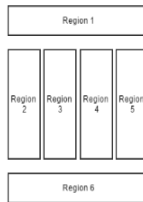
Authoring information

By admin0428

Publishing options

Published

Four column



Two column (default for 'oxdrupal_basic_page')



Two column, narrow left



Two column, narrow right



About the Faculty
An overview of the Faculty, its members, staff and students



Undergraduate Admissions
Thinking of studying Philosophy at Oxford?



Graduate Admissions
Application information for graduate courses

24 Jun Aristotle, Metaphysics Z.1-6
Conference on Aristotle, Metaphysics Z.1-6
Linbury Building, Worcester College

27 Oct Uehiro-Carnegie-Oxford Lecture in Practical Ethics
TS Eliot Lecture Theatre, Merton College, Merton St. Oxford OX1 4JD

21 Jan 'jazz-philosophy fusion'
A discussion of 'jazz-philosophy fusion' and a performance
The Ashmolean museum



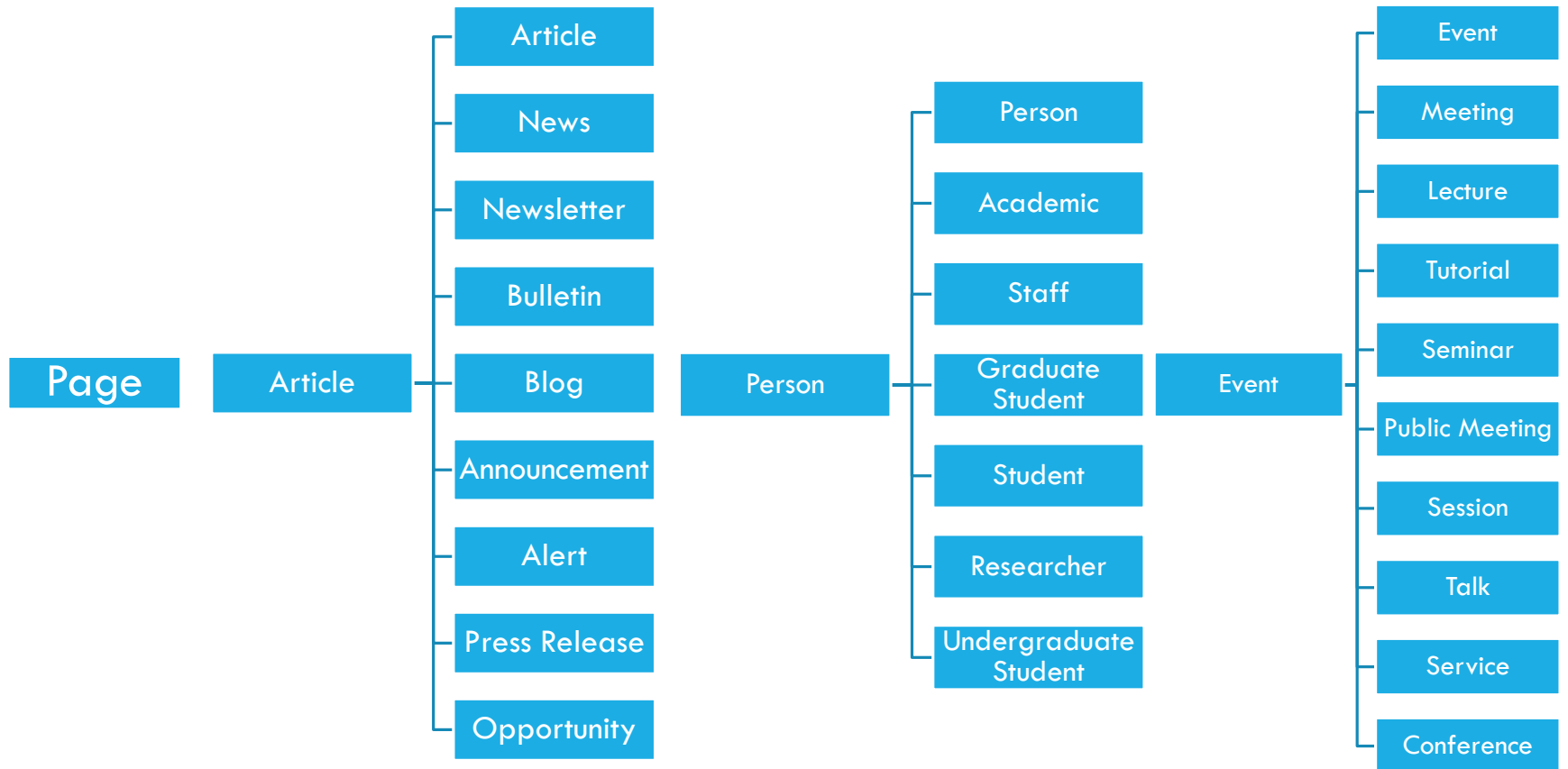
powered by OXFORD CANVAS

Save Preview





CONTENT TYPES & SUB-TYPES





WIDGETS

Functionality

- ❁ WYSIWYG
- ❁ Related Content
- ❁ Carousel/Slideshow
- ❁ Image Gallery
- ❁ Accordion
- ❁ Tabbed layout
- ❁ Form builder
- ❁ Maps
- ❁ Embedded Applications

Listings

- ❁ Article listing
- ❁ Event listing
- ❁ People listing



TEMPLATES

Template Management

Article

Templates for Article [+ Create](#)

Templates for News [+ Create](#)

Template name	Template description		
News	Template for latest news items	Edit	Enabled

Event

Templates for Event [+ Create](#)

Template name	Template description		
Event	Template for generic Events	Edit	Enabled

Templates for Lecture [+ Create](#)

Templates for Meeting [+ Create](#)

Person

Templates for Academic [+ Create](#)

Template name	Template description		
Academic Profile	Template for creating Academic profile	Edit	Enabled

Templates for Alumni [+ Create](#)

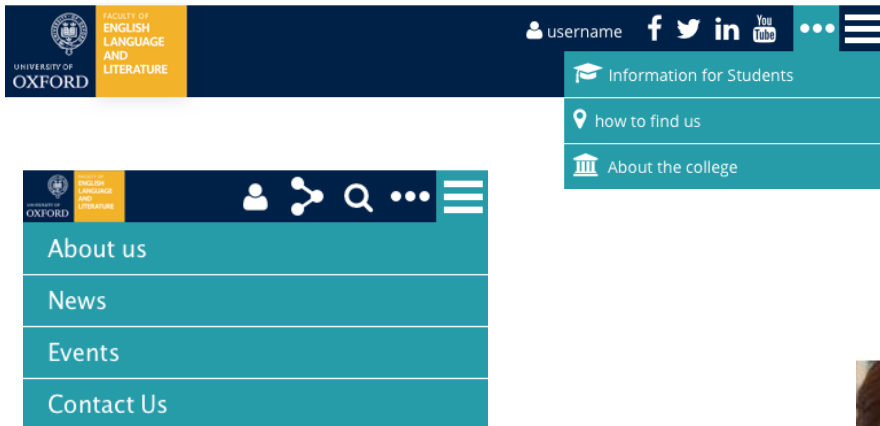
Templates for Staff [+ Create](#)

Templates for Student [+ Create](#)



DESIGN

Responsive



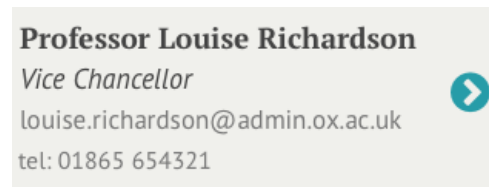
Small square - 200px



This is a caption for the image
Roberto Latxaga some rights reserved

Image display styles

Widget Display Variants





MENUS + TAXONOMIES

Menus

❁ Main menu

- ❁ Level 1 navigation
- ❁ Toggle for including drop-down for level 2

❁ Secondary menu

- ❁ Site level option to enable and set on LH or RH side
- ❁ Toggle to remove pages from secondary nav, e.g. for listing or landing pages

❁ Breadcrumb

- ❁ Site setting option

Taxonomies

❁ Author

- ❁ Option to create up to 6 taxonomies per site for tagging content
- ❁ Custom labels



SOFTWARE ARCHITECTURE

Multi-tenancy

- ❁ Based on **Drupal** using **Organic Groups** to separate sites
- ❁ **PURL** to manage URLs

Site Look and Feel

- ❁ **SASS** regenerates **CSS** on the fly when site theme is changed

Page Layouts

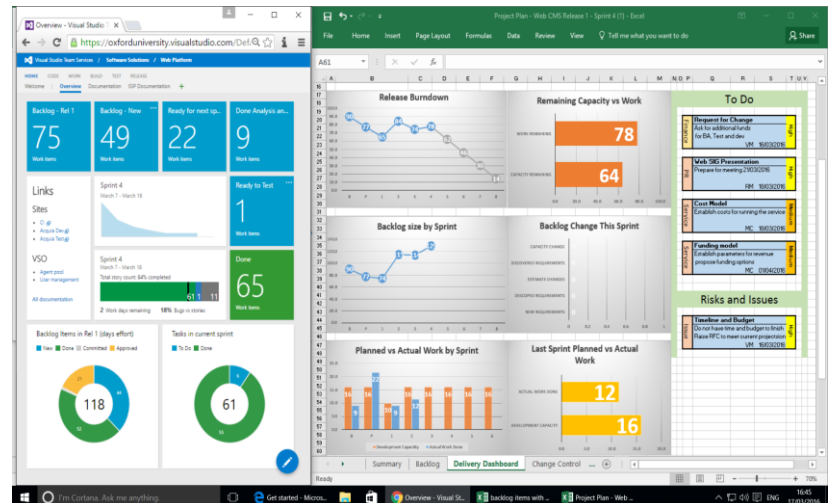
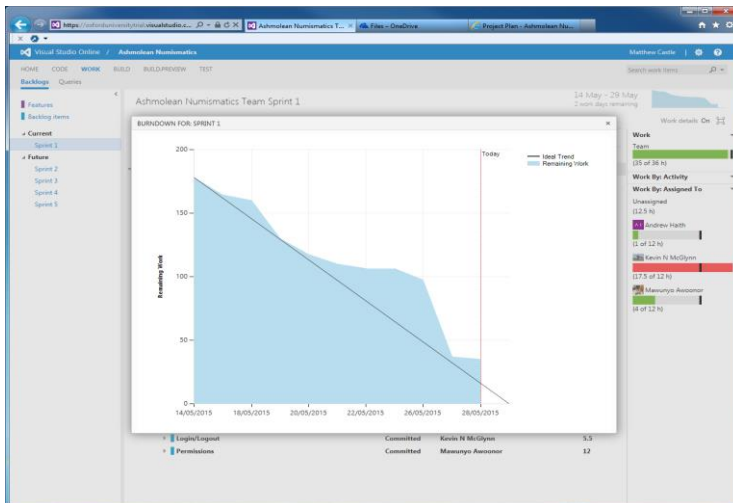
- ❁ **Panelizer** module to enable multiple page layouts
- ❁ **Paragraph** module allows us to widgetise page layout
- ❁ We can provide multiple layouts for widgets using **Panelizer** too



DEVELOPMENT PROCESS

Scrum

- ❁ Prioritised Product Backlog of features
- ❁ 2 week sprints producing potentially shippable product increments
- ❁ Project progress tracked at **sprint** and **release** levels





AUTOMATION

Continuous Integration

- ❁ New build is automatically deployed and tested on each check-in
- ❁ Code **changes** are linked to **Product Backlog** items for traceability

Release Management

- ❁ Each build creates a release in the deployment pipeline
- ❁ Releases are **promoted** up through environments to **production**

CI	Acquia Dev	Acquia Dev Accept	Acquia Demo
✓ 2.1.1.488 3 hours ago	✓ 2.1.1.488 3 hours ago	✓ 2.1.1.486 7 hours ago	✓ 2.1.1.414 3/7/2016



TIMELINE

- ✿ Currently in **Private Preview**
- ✿ **Public Preview** with limited sites in the next few months
- ✿ General Availability of the **Service** very early 2017

service.web.ox.ac.uk



QUESTIONS

