

David Rowbory

Software Development – Web Design – IT Systems

Select Web Design Portfolio



St George's-Tron Church

<http://www.thetron.org>

2004-date

Custom CMS (PHP + MySQL on Apache/Linux), online audio, video, substantial extranet supporting organisation administration as well as web content.



The NEGST Letter

<http://negstletter.rowbory.co.uk>

2008-9

WordPress-based monthly email newsletter for Graduate University with web archive. Administered from Kenya.



Casa Margarida - Algarve Villa

<http://www.casamargarida.org>

2005-6

Custom minimal CMS for photo/video-rich family business showcase. Sophisticated Google Maps / Earth KML integration; affiliate scheme.



Karibuni Place - Nairobi B&B

<http://www.karibuniplace.com>

2008

WordPress-based small property business showcase. Consulted and recommended options, templates etc but left content to the client.



Cornhill Scotland

<http://www.cornhillscotland.org.uk>

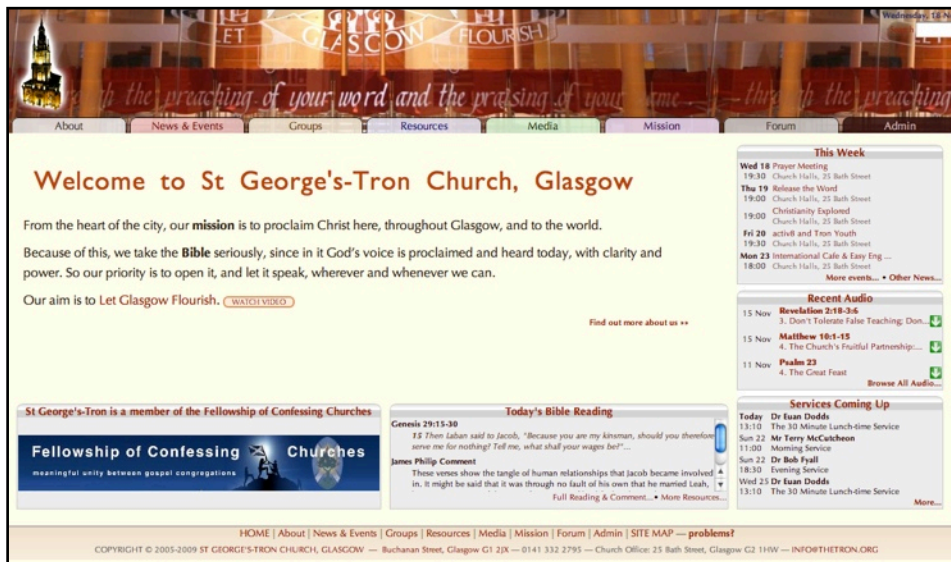
2005-7

Custom PHP + MySQL extranet; Custom HTML/CSS front end complying with wider branding. (Front-end subsequently replaced by a Joomla! installation.)

St George's-Tron Church

<http://www.thetron.org>

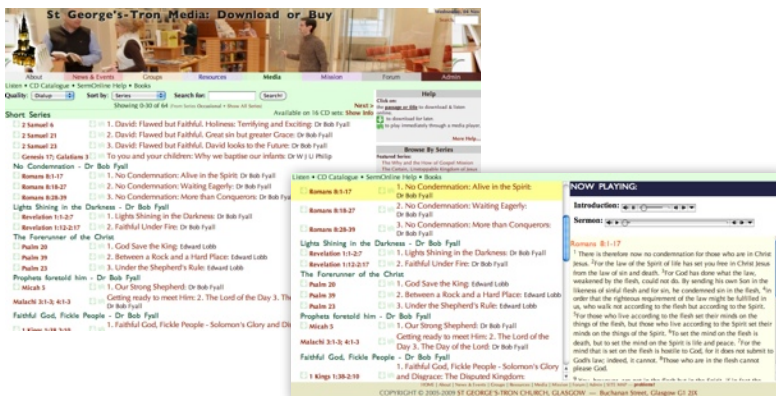
2004-date



- **Customer:**
 - Non-profit, city centre church with growing media / internet requirements.
- **Initial Part-Time Involvement**
 - Helped improve appearance, navigation, W3C compliance etc.
 - Added more dynamic content.
- **Then Employed Full Time (web / other IT):**
 - Consulted interested parties, researched solutions and introduced completely new database-driven site with rich media features and podcasting.
 - Custom CMS in *PHP/MySQL*.
 - Integrated various Open Source solutions.
 - *RSS* feeds; *iCalendar* support; *iTunes* integration (podcasting).
 - Automated audio processing and upload.
- **Impact**
 - Page views and unique visitors grew over 10x from 2006–9.
 - Audio site serving 24,000 downloads / month.

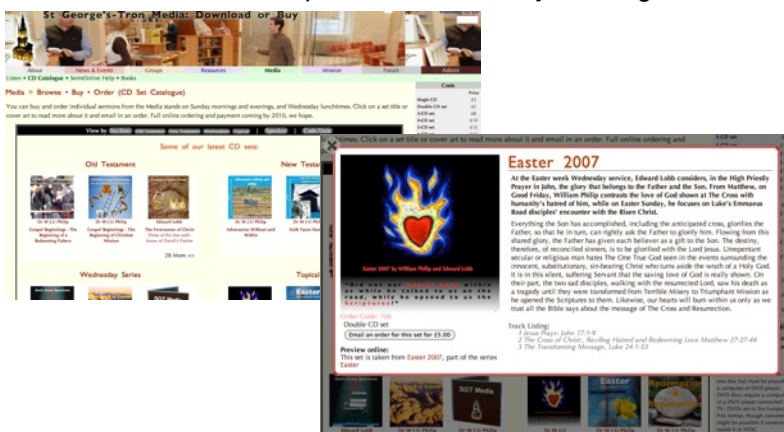
Media Player

- Enforces Fair Use / rationing policy to ensure site performance and allow good SEO.
- *MySQL/PHP* query caching to conserve resources



Ajax-style CD catalogue

- Flexible sorting and ordering options
- *Jquery* and *Ext* integration
- E-commerce in development for sales; *PayPal* integration



Custom CMS simplifies administration

- Easy to keep content current & relevant.
- Varying user privileges enable segmentation and delegation of content management.
- Very successful address/contact database with email, google maps, label printing, grouping and export functions.



The NEGST Letter

<http://negstletter.rowbory.co.uk> (currently hosted by me)

2008-9

The screenshot shows the homepage of 'The NEGST Letter'. The header features the logo and title. A navigation menu on the left lists 'Recent Issues' (October 2009 to April 2008) and 'Regular Columns' (Articles, Campus Events, Faculty Focus, etc.). The main content area includes a 'Headline' section with a photo of a man and the text 'The Vice Chancellor speaks: hopeful signs'. Below this is a 'Lesson Learned' section with a photo of a woman and text about Dr. John Jusu's Curriculum Studies course. A 'NEW!!' section mentions the end of the year-long 25th anniversary celebration. The footer includes contact information for Kenya, Africa, and the U.K.

- **Customer:**
 - A growing International Graduate University in Nairobi, Kenya
- **Primary focus: emailed newsletter**
 - So optimised for display in most common browsers and email clients (massive challenge!)
 - Web-based archive
- **CMS: Wordpress**
 - Simple, robust, open-source
 - Easy for non-technical contributors
 - Works well with poor internet connection
 - Custom theme developed:
 - uses tables for cross-browser consistency,
 - minimises page size,
 - degrades well,
 - simple CSS made inline for emailing.
- **Integrated with PHPlist**
 - open source email list solution
- **Documentation & training:**
 - simple written & video documentation and users trained

Mailing in Mac OS X Mail

The screenshot shows the Mac OS X Mail application interface. It displays an email from 'The NEGST Letter' dated 1 October 2009. The email content is a preview of the newsletter, showing the header, navigation menu, and main content area, including the headline 'Record Intake of new students; demographics changing'.

Mailing in Google Mail

The screenshot shows the Google Mail interface. It displays an email from 'The NEGST Letter' dated 1 October 2009. The email content is a preview of the newsletter, showing the header, navigation menu, and main content area, including the headline 'Record Intake of new students; demographics changing'.