Kinetic Solutions

KxRegistration

2017.0 Release Notes

Contents

Outline

Document Content

Content outline

This document contains the primary changes and installation notes for release 2017.0 of KxRegistration.

This document is intended for reference against existing installations of KxRegistration (2015). Earlier changes can be found in previous release notes documents.

Confidentiality

This document strictly confidential and is intended solely for the use by the client organisation. No distribution or reproduction of this document is permitted without the written permission of Kinetic Solutions Limited.

Important information for migrating from KxRegistration 2015 to KxRegistration 2017

KxRegistration 2017 has been developed to utilise .NET 4.6.1. Prior to deployment, please ensure .NET 4.6.1 is installed on the webserver. This can be downloaded from the following URL: https://www.microsoft.com/en-gb/download/details.aspx?id=49981

*Please refer to the deployment notes at the end of this document, and note that the **App_Themes** folder should also be deleted.*

Changes / improvements / fixes in 2017.0

2017.0

- Mobile responsive default themes
- Additional themes with redesigned layout
- Web accessibility changes
- Ability to change the text on the 'Register for' button of an event
- Relocation of the 'Resources' section within the event admin
- Additional mandatory fields on 'Attendee Detail' options
- Ability to order attendee types, welcome page links and attendee packages
- Fix issue with not being able to delete event templates.

New features introduced in 2017.0

Mobile Responsive default themes

Outline

Although responsive web design sounds as if it should only interest 'techies', it is important for anyone planning an event to understand the importance and impact of mobile responsiveness.

Responsive websites are designed so that content shifts to accommodate the different screen sizes of the devices on which they are viewed. A website is responsive if visitors can read, interact, and navigate through the site as well on a smartphone as they can on a desktop PC. Nevertheless, this does not mean creating several versions of the same website just to accommodate the ever-growing number of different gadgets.

A website is also responsive if Google says it is. On April 21st 2015, Google changed its search algorithm to reward sites that are responsive. Event planners who rely on an event websites to attract attendees and registrations should care about the factors that allow their websites to be found within a Google search.

Analytics and research proves that more and more people access websites using mobile devices. If a website is not responsive, visitors will leave, leads will not materialise and registrations will be lost.

What do statistics show?

When making any purchase online, the 'buyer' no longer uses a single device before they decide if they will complete a purchase.
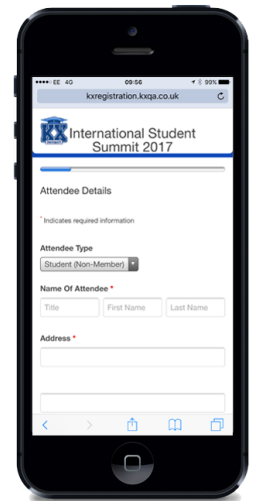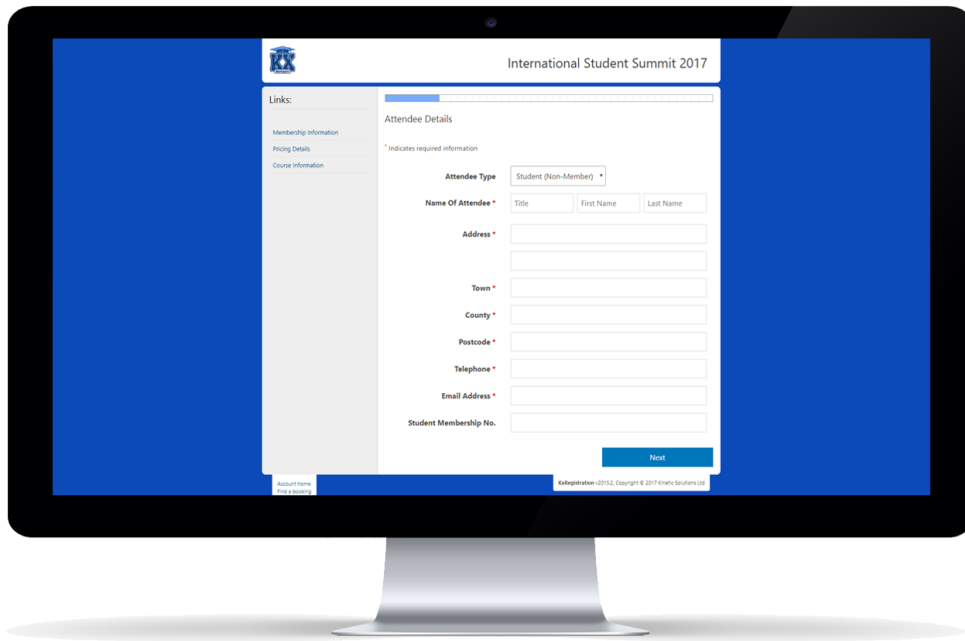
31% of all online transactions now involve two or more devices which means if your website is not responsive, you could be making the booking process harder for nearly a third of your target market.

The old wisdom "browse on your smartphone, purchase on your desktop" is no longer applicable to consumers, as they now reach for their smartphone for both browsing and purchasing - 35% of cross-device smartphone transactions started on a desktop device.

Updates made in KxRegistration

All default themes that are supplied with KxRegistration have been updated so they are responsive to the device that is being used to view the website with (as shown in the screenshots below).
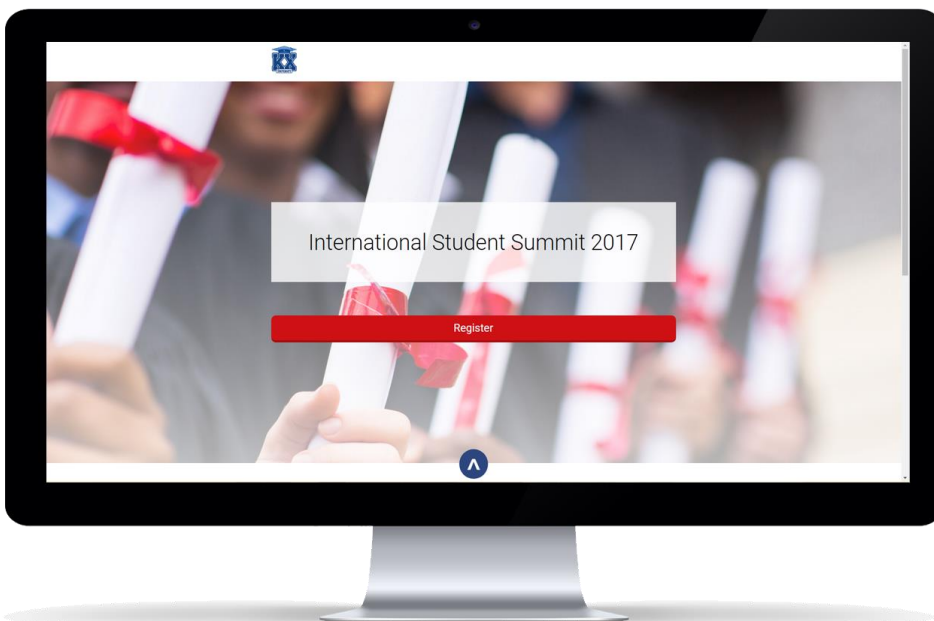
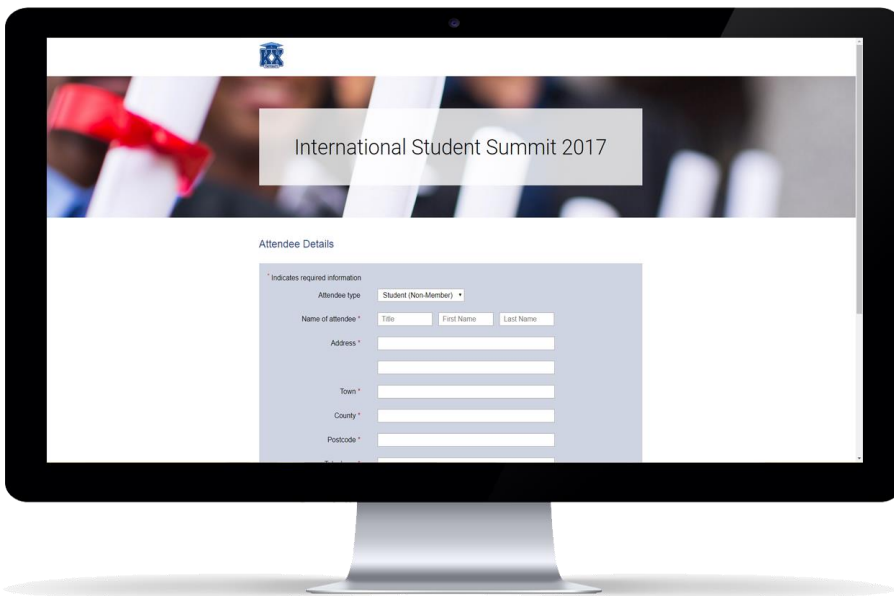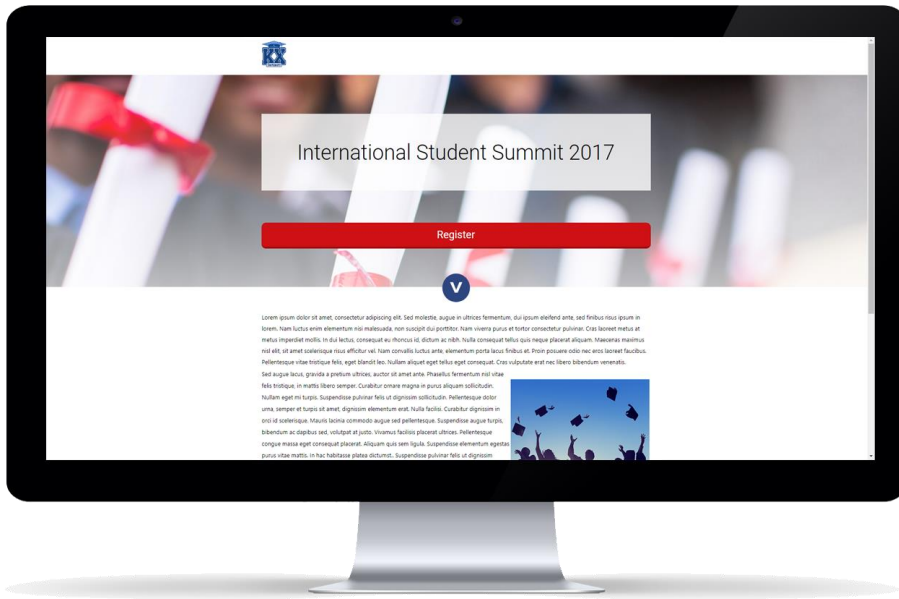# *New additional default themes*

Outline

Nothing seems to stand still for very long in the world of modern technology, and the same can certainly be said for modern web design technologies. Standards and trends within design have changed year on year since KxRegistration was first released so we have introduced some new default themes within the 2017 version which will encapsulate modern design

Details

From the admin section of a registration event, navigate to 'Web Options'.

The drop-down of themes now includes 'Responsive', 'Responsive – Conferencing' and 'Responsive – Sports' which are based on the same framework but provide different header images (the image can be changed using a CSS modification).

Web Accessibility Changes

Outline

An increasing number of clients wish to ensure the software they use is accessible to employees and customers with a range of disabilities. Indeed in many jurisdictions it is now a legal requirement for companies to provide accessible websites.

KxRegistration 2017 has been assessed in terms of accessibility against the standards set out in the Web Content Accessibility Guidelines 2.0.

What are the guidelines?

The Web Content Accessibility Guidelines (or WCAG) are a set of technology-neutral criteria proposed by the World Wide Web Consortium (W3C) that should be met in order to make sites more accessible for users with a variety of needs, for example visual impairment, deafness, photosensitivity or limited movement. So far two editions of the guidelines have been released, the most recent (2.0) being the one we chose to be assessed against.

Each criteria is assigned a level of priority, from A to AAA. A site *must* conform to Level A otherwise it will be impossible for some users to access the site, it *should* conform to Level AA or some users may find it difficult to use the site and it *may* conform to Level AAA in order to make it easier for disabled users to access it.

Methodology

The assessment of KxRegistration began using two automated checking tools recommended by the Gov.uk "Making your Service Accessible" guidelines - the WAVE Evaluation tool and HTML_CodeSniffer. These are both available as browser extensions that check page HTML against the WCAG guidelines making it far easier to check the accessibility of interactive web applications.

In order to further investigate compliance we then reviewed the sites against the simplified checklist provided by [Wuhcag](#).

Lastly, our final assessibilty testing involved seeing how users with disabilities might actually use our sites. For this purpose we used NVDA, a popular screen reader developed by two blind men and now used widely by large companies for accessibility testing.

Results

KxRegistration 2017 conforms to all elements of Level AA of the Web Content Accessibility Guidelines. Further information on this can be provided on request.

Ability to change the text on the 'Register for' button of an event

In previous versions, the text that displayed on the 'Register' button could only be changed by using CSS. We have now made it easier to change by adding a new configuration setting in the 'Web Options' section of the event administration. The text is limited to 25 characters to fit correctly onto the button.

Relocation of the 'Resources' section within the event admin

After speaking with our customers and our teams in both the UK and North America, it was clear that many users would find it more logical to set-up their resources as the second step when configuring an event.

With this in mind, we have moved the 'Resources' page to step 2 as shown on the screenshot.

Additional mandatory fields on 'Attendee Detail' options

When gathering attendee details, the attendee's Title and Telephone number can now be made mandatory to ensure all the relevant information is captured. These can be configured from the 'Attendee Detail options' section from with the event configuration (see screenshot below).

Ability to order welcome page links, attendee types and attendee packages

A number of the configurable options in KxRegistration have now been updated so the user can order the contents through the administration section of the event rather than the options appearing in the order they were entered into the system. A user can now order the contents of the welcome page links, attendee types and attendee and optional packages.

Fix issue with not being able to delete event templates

In previous versions of KxRegistration, you were provided the option to delete an event template. Unfortunately, when you clicked on the delete button, nothing happened. This has now been fixed so it is now possible to delete templates as required.

Deployment of the upgrade

Database

The following steps should be carried out when upgrading the database:
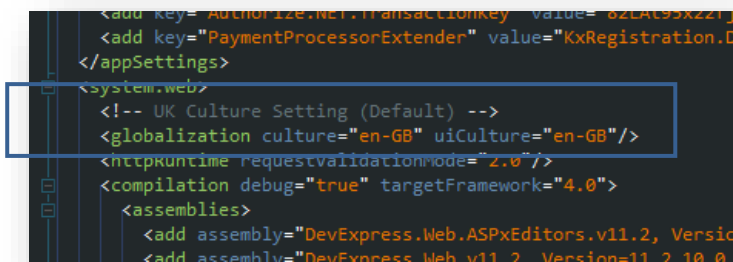
1. Backup the existing database
2. Open and the KxRegistration DB Installation 2017.0 script
3. Perform a Find and Replace on this file replacing DBNAME with the name of the linked Kx database, e.g. Kx_Live, GERM etc.

Website

The following steps should be carried out when upgrading the website:

1. Backup the existing website
2. Delete the \bin\ folder
3. **Delete the \app_themes\ folder**
4. Deploy the Website folder from the deployment package.
5. Retrieve the existing Connection String/globalization settings from the backup of the web.config file into the clipboard
6. Open the new Web.config and paste the connection string, replacing the current one in the file.
7. Ensure that any existing settings are copied back in place:
    a. PaymentProcessorExtender
    b. Authorize.NET.TransactionKey
    c. HMACSHA256.Key
    d. ICalGenerator
    e. IConvertHtmlToPDFFile
    f. IAuditExtraInfoProvider
    g. Auditor
    h. StopCachingUser
    i. CacheSeconds

For US sites, the web.config should also be edited to use the en-US culture settings to ensure that the US date and currency formats are used: