WebFOCUS 8 - Standard BI Development Guidelines
Updated by the LUC BI Team as of: April 11, 2014

Purpose

The “WebFOCUS 8 - Standard BI Development Guidelines” document is intended to enable developers to create business intelligence products that are:

- Created quickly and efficiently.
- Easy to maintain via a well-documented process.
- Easy to use via a clear and intuitive user interface.
- Modular and can be integrated with other BI products officially supported by the LUC BI team.

Scope

- The scope of this document is limited to standards around the new WebFOCUS 8 suite of tools deployed at Loyola University Chicago, as of the update date of this document.
- Standards around tools other than the WebFOCUS 8 Suite are not covered in this document.

WebFOCUS BI Products Supported by the LUC BI Team

- WebFOCUS 8 Portals
- WebFOCUS 8 - HTML Composer-generated pages
- WebFOCUS 8 - FEX Procedures

WebFOCUS 8 Style Guidelines

WebFOCUS 8 Portals

- When creating a new portal, the developer must always select the "Silver" theme in the theme selection menu. This theme is the only one that has been customized to present all GUI elements with the university colors, and provide a standard look and feel across all portals and report screens.
- By default, a generic Loyola University Chicago logo is displayed in all portals. If a less generic logo is required, such as a Loyola school or department one, this logo must be provided via the Portal properties in the portal edit screen.
- Special care must be taken to use the Loyola University official logos, and ensure that the color scheme is consistent with the university's style guide.
WebFOCUS 8-Generated HTML Pages

- HTML pages must be created using WebFOCUS 8 HTML Composer; this is a requirement to ensure code:
  - Will have continued support in future versions of the WebFOCUS product suite.
  - Can be maintained by the LUC BI Team.
- Once within the HTML Composer editor, use all the available standard controls such as buttons, forms, and fields, to construct a webpage.
- When adding controls to a webpage, leave the default “classes” as specified in the control properties window, so that the background color matches the one specified by the portal theme. (Once within the a portal, an HTML Composer document will “inherit” the theme selected at the portal level)
- Along with the Loyola colors, the “Silver” theme also makes use of other gray/silver colors when painting buttons and text separators. In some instances, it may make sense to modify the colors of these GUI components to provide emphasis or for other purposes. When doing these kinds of modifications please:
  - Limit these modifications to a minimum.
  - Keep the university standard colors as a base reference: http://luc.edu/umc/guidelines/universitycolors/

Using other tools or techniques

- Developers should try to avoid the use of tools or programming techniques outside the ones specified in this document.
- A developer may proceed with the use of a new tool or technique only if all of the following conditions are met:
  - The new tool or technique has been analyzed and deemed acceptable by the LUC BI Team.
  - The tool or technique is well documented and its documentation has been received and approved by the LUC BI Team.
  - A proper knowledge transfer effort has taken place to ensure the LUC BI Team will be able to maintain code created under the new approach.
- When a new tool or technique has been accepted for use in future WebFOCUS 8 development efforts, this document should be updated as soon as possible to provide an up-to-date and complete guide for subsequent projects.

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