KftUiTransform

"… to boldly go where no man has gone before"

Captain James T. Kirk / Starship Enterprise

at least, as far as we know …

Agenda

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- BCEE – an overview

- Web Development
        - The Problems and Solutions

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- Demo
- The Technical Tricks

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Presenting BCEE : The Bank

- Founded 1856
- 1800 employees (~150 in IT)
- 90 branches in Luxembourg
- Offices in New York and Singapore
- European Bank of the Year 2001

Presenting BCEE : VAG

- 1988: CSP 2.x and DB2
- 1990: CSP 3.2
- 1993: CSP 3.3
  - 9 developers, only MVS CICS
- 1998: VisualAge Generator V2.2 FP10
  - 20 licenses, MVS CICS and BATCH
- 2001: VisualAge Generator V4.5 FP2
  - 60 licenses, MVS CICS and BATCH

BCEE's goals for 2002

- Extend the use of VAG for all new projects
  - Upgrade FP3 + 105 VAG licenses

- Build Web applications with VAG

- Use VAG Templates
  ? Use IBM standard Templates
  ? Use IBM Templates Customizer
  ? Use KftTemplates solution

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Choice of Templates

- Base VAG Templates
  - Do not match our standards and are not "easily" customizable

- VAG Templates Customizer
  - Building complete set of templates from scratch is difficult
  - Need knowledge of VAG, JAVA and Templates

- KftTemplates
  - Brings an existing set of easily customizable Templates for Web and 3270 applications
  - Simplifies the use of VAG Templates

Web Applications: The Problem

The Java Server Pages produced by VAG do not look good and are not user friendly.

What to do?

1. Work with IBM's JSP
   - Modify the JSP after VAG generation with web design tool (WStudio, GoLive …)
   - Maintain both the JSP and the program

2. Build new JSP from scratch
   - Create the JSP during development
   - Maintain both the JSP and the program

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What do we need?

A <u>dedicated</u> Web designer team that knows the web "technologies" (Java Server Pages, Java, HTML, CSS, JavaScript …) and that is able to <u>keep up</u> with the development teams.

But we don't have these people

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What do we want?

A tool that produces user friendly and "beautiful" Java Server Pages based on design standards that we define.

This should al_____rienced VAG 3270 developers to build fully functional Web applications.

How can we achieve this?

1. Work with the generated JSP
   – No existing solution available
   – Very difficult to develop
2. Work with the VAG UIRecord directly
   – Add special information to the UIRecord
   – Build a special generation process to produce the new JSP of the UIRecord

The Solution

KftUiTransform

- Customized KftTemplates to add information to the UIRecord

- KftUiTransform uses this information to build an enhanced JSP

KftUiTransform

- Section headers and styles
- Build-in JavaScript support
- Field-level attributes
- Even/odd row coloring for lists
- Mouse-over highlighting for lists
- User friendly detail and list information layout
- Automatic consistent sizing of buttons
- Extended help support
- Multilingual web pages
- Popup screen support
- Multiple CSS support
- … and more to come

… and the best of all

It is fully customizable