The Primo New UI Development Approach and Concepts

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Agenda

- UI Major Principles
- Choosing a commonly used development framework
- Angular at a glimpse
- New UI Customization Approach
- Primo New UI
Applying Core UX Principles

- One experience across devices
- Designed for performance
- Clear and intuitive design
- Easy to configure and maintain UI
- Action-driven: Expose relevant functionality
- Analysis for continuous optimization
The New Primo UI – Major Principles

• New modern intuitive and innovative UI
• Responsive UI - Discovery via mobile, tablet, desktop
• Flexible and easy configuration
• Gradual switch
Choosing a development framework

- Modular, readable, clean code
- Accessibility (ngAria - Accessible Rich Internet Applications)
- Responsiveness
- Performance
- Security
- Data-Binding
- Templating
- Code reuse
Angular as a framework

• MVC architecture
• Structured code:
  • **View** (html)
    • Augmented view functionality belongs in *Directives*
    • Routing/Injecting (single page app)
  • Logic (like ajax calls) in *Services*
  • **Controller** – connects services and logic to view
Angular as a Framework – cont.

• Model – Data modeling
  • Two-Way Data-Binding

• Unit-testing ready

• Performance
  • Aggressive cache
  • Minimal page size
Angular – 2 Way Data Binding

Source: https://docs.angularjs.org
Angular – 2 Way Data Binding

Source: https://docs.angularjs.org
New UI Customization principles

• Manageability Challenge
  • Enable Max customization with Min limitations
  • Enable customization & keep smooth upgrades
  • Prevent environmental breaches / Saas limitations

• Improved client-side functionality capabilities
  • Angular vs. JSP

• How to ?
New UI Customization principles – cont.

• Provide customization/configuration capabilities
  • Wizard for common configurations
    Example: GUI elements properties (Show/Hide, Coloring, element location etc. )

• Element/Directive configuration
  • Change View/ Controller elements
  • Provide a map of directives and placeholders

• Customization Package
  • Customers’ code directories - partial exposure
  • Local development done by customer
  • Package Loader script/API
The new User Interface

Sugar plantations

21,040 results

1. A Sour Taste on the Sugar plantations
   Cohen, Jon
   2 versions Available View all

2. Bioaccessible arsenic in soils of former Sugar cane plantations, Island of Hawaii
   Cutler, William G.; Brewer, Roger C.; El-Kadi, Aly; Hue, Nguyen V.; Niemeyer, Patrick G.; Peard, John; Ray, Chittaranjan
   Available full text online
   Other versions exist. View all

3. Sugar plantations Masters: Planters and Slaves in Louisiana's Cane World, 1820-1860
   Rolf Knight
   Toronto, Ont., Canada : Dept. of Anthropology, University of Toronto 1972
   Available at Mugar Memorial Library offsite storage: (Z5931.U5.F65)
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THANK YOU

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