

uPortal 3 Theme & Skin: Advanced/Technical

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Goal

- Discover how uPortal produces the uPortal 3 user interface and how you can create and modify skins with an in-depth review of the theme code and page markup as well as the skin CSS. We'll also discuss how to configure the theme to customize the interface and think through best practices for keeping your customizations intact in future uPortal upgrades.

1. Definitions
2. uPortal UI generation
3. Theme
4. Skin
5. Theme Customization
6. Questions

Definitions

Definitions

Theme

- Templates that generate page markup and user interface; everything down to and including the wrapper and controls around the channels and portlets - but excluding their contents.
- The theme **does not** affect channel and portlet content.

Definitions

[Home](#) | [Customize](#) | [Site Map](#) | [Help](#) |

Welcome Student User. [Sign out](#)

[Welcome](#) | [News](#) | [Entertainment](#) | [Main Student Tab](#)

Web Search

Google

Quicklinks

- [Bookmarks](#)

Customize My Portal
Main Student Tab

[Add Content](#) | [Page Layout](#) | [Select Skin](#) | [Add tab](#)

Student Welcome Maximize Remove	Who's Online Maximize Remove
My Notifications Maximize Remove	My Courses Maximize Remove

[JA-SIG Home](#) | [uPortal Home](#) | [Download](#) | [Community](#)

Definitions

Skin

- A package of CSS and images that specify the visual presentation: color, style, type, and imagery.
- The skin **does** affect channel and portlet content.

Definitions

Home | Customize | Site Map | Help

Welcome Student User. Sign out


uportal

Welcome | News | Entertainment | Main Student Tab

Customize My Portal | Add Content | Page Layout | Select Skin | Add tab

Main Student Tab

Student Welcome



Curabitur nonummy velit non mi.
Quisque eu purus. Morbi luctus magna vitae orci. Mauris hendrerit.
consectatuar dolor. Suspendisse ac justo quis metus volutpat eleifend.

Who's Online

- Joe Smith (34 Minutes)
- Alex Baker (106 Minutes)
- Linda Johnson (5 Minutes)
- Rebecca Mills (1 Minutes)
- Kelly Green (65 Minutes)
- Tom Lexington (1 Minutes)
- Jerry Wilson (35 Minutes)
- Kim Yung (93 Minutes)
- Cliff Ulman (160 Minutes)

86 Users Online Now
[Click to View All](#)

Mock of Who's Online. This is a sample screen for demonstration purposes only.

My Notifications

Notifications / INBOX

INBOX | OUTBOX | SAVE

Compose | Save | Delete

	From	Subject	Received Date
<input type="checkbox"/>	Registrar	Course registration	4/25/08 1:59 PM
<input type="checkbox"/>	Administration	Parking Lot 4 closed	4/24/08 10:23 AM
<input type="checkbox"/>	John Instructor	New assignment	4/24/08 8:36 AM
<input type="checkbox"/>	Jane Counselor	Prerequisite changes	4/23/08 4:16 PM

Display 10 Per Page

Mock of the [Toro Notifications Portlet](#) by [Unicon](#). This is a sample screen for demonstration purposes only.

My Courses

Favorites | Courses | Projects | Search

Courses

- CHEM 181 [Introduction to Organic Chemistry](#)
- MAT 241 [Linear Algebra](#)

Projects

- [U.S. Internet Ethnographic Survey Project](#)

Mock of the [My Courses Portlet](#) by [Unicon](#). This is a sample screen for demonstration purposes only.

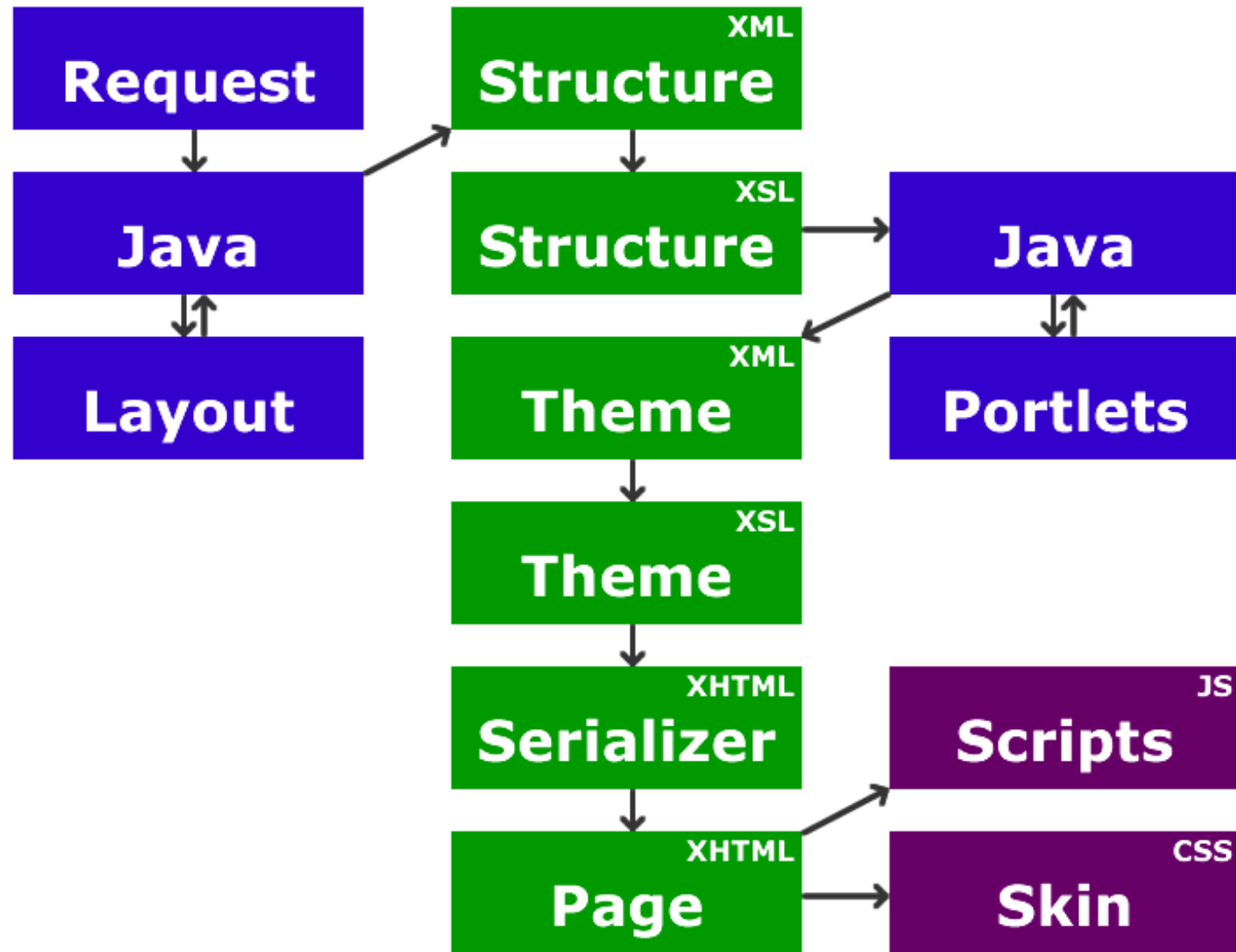
Web Search

Quicklinks

Bookmarks

uPortal UI Generation

uPortal UI Generation



Theme



Theme

- XSL Templates
- Page markup
- JavaScript

Skin



Skin

- Cascading Style Sheets (CSS)
- Images

Theme Customization



Theme Customization

- Single file (universality.xsl)
- Template calls
- Ordering
- Custom xhtml
- Localization (messages.xml)



Theme Customization

- Keep your customizations intact!
- Allows theme “code” to improve underneath
- Simple to upgrade

How do I get involved?



How do I get involved?

- Ask questions
- Make suggestions
- Give feedback
- Log bugs
- Make improvements

Questions?



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