



OmniUpdate Training Tuesday

All About Includes



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WebEx Event # **801 406 725**

Audio will be heard on your computer speakers.

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Webcast will start at the top of the hour.





AGENDA

- What are includes?
- How do they get used?
- Assets vs. includes
- Includes in Action



INCLUDES – THE BASICS

- Includes are a way to make sure universal content isn't repeated in the source code of every file
 - Separate this content into universal files that are "called" by multiple page

The screenshot displays the Gallena University website interface. At the top, there is a search bar and navigation links for Calendar, Directory, and A-Z. The main header features the Gallena University logo and contact information. Below the header is a navigation menu with categories like ABOUT, ACADEMICS, ADMISSIONS, ATHLETICS, CAMPUS LIFE, and NEWS. The main content area is titled "Gallena Gophers" and includes a sidebar with "Athletics" and "Gallena Gophers" sections. The main text describes the university's athletic history and facilities. The footer contains the Gallena University logo and a list of links including About, Academics, Admissions, Athletics, Campus Life, News, Blog, Catalog, Faculty Directory, Mobile, and Social Media Mashup.



INCLUDES – THE BASICS

- Include files can contain anything you want
 - Treated as text by webserver
- Includes are added on the **server-side** (production server brings content onto page, not staging)
 - SSI: Server-Side Include
- SHTML: Server-side HTML
 - Files with this extension can parse server-side includes by default
 - Don't want to end everything with .shtml? Modify .htaccess or Web.Config to allow other extensions

```
AddType text/html .shtml
```

```
AddHandler server-parsed .html
```

```
AddHandler server-parsed .shtml
```

```
Options Indexes FollowSymLinks Includes
```



No server-side scripting?

- Apache

```
<!--#include virtual="/path/to/include.inc" -->
```

- IIS

```
<!--#include file="D://full/path/from/drive/to/include.inc" -->
```

Server-side scripting languages can also perform SSI's

- PHP

```
<?php include('include.inc'); ?>
```

- For root-relative paths:

```
<?php include($_SERVER['DOCUMENT_ROOT'].'path/to/include.inc'); ?>
```

- .NET languages (C#, ASP.NET, etc)

- Either of the "comment style" methods above depending on server architecture

- Server-side script methods still require a modification of .htaccess or Web.Config (depending on environment)



ASSETS VS. INCLUDES

- Assets in OU Campus are very similar to includes
 - Content reuse
 - Pages get updated content “automatically” when “included” file is updated
- Main difference is *when* the inclusion happens
 - Assets: Staging server, before XSL transformation and publish
 - Includes: Production server, after XSL transformation and publish
- Slight difference when “included” file updates too
 - Update and publish Asset: Triggers republish of page in OU Campus
 - Uses “Last Published Version”
 - Update and publish include: No need for republish – webserver is doing the inclusion post-publish



WHEN TO USE ASSETS VS. INCLUDES

- Assets are better for ad-hoc, “on demand” inclusion
 - Not every page in your site/section needs this reusable content
 - “I want to put this content in an existing editable region”
 - “I need XSL to transform this included content (e.g. a Form Asset)”
- Include files are better for truly universal content, “Source Code” uses
 - “Every page in my site uses this header”
 - “I need to bring in content into my <head> tag”
 - “I want to guarantee this content always appears in the same place on every page and can’t be used elsewhere”
 - “I don’t want updates to this content to trigger a republish in OU Campus”



Let's Take a Look!



NEXT TRAINING TUESDAY

Next month's Training Tuesday will be held on **September 26**.

We'll be covering the topic of **Site Clone**.

Be sure to visit the OCN or Support Site
for further details!

<http://ocn.omniupdate.com>

<http://support.omniupdate.com>



Thank you!