Master Pages

**Master Pages**

* Visual Inheritance
* Could be used to include PHP
* Is a template used by other files in the application.
* Referenced by content page.

**Adding a Master Page**

* Same as adding other pages
* Top line is directive
  + Has a language attribute
* Use Page\_Init to add a master page dynamically
* You can nest master pages
* You can specify which master page to use depending on the browser being used.
  + <%@Page Language=”CS” MasterPageFile=”~my.master” Mozzila:MasterPageFile=”~/myMozzila.master”/>

**Coding Content**

* ContentPlaceHolder is the asp tag used which is similar to the editable area in DWT

**Automatic Inheritance**

* Pages inheriting from the master page do not have a form and html tag and no end file functions either

**Mix and Match**

* You can mix different languages with master pages such as C# and VB

**Specifying Master Page**

* In the content pages, you can specify which master page to use
* You can go in web.config
  + <pages masterPageFile=”~/mySite.master”/>

**Changing Page Title**

* Since the master page has the title element and other pages inherit from it, it will have the same title
* If you want a different one, add the Title attribute to content pages.

**Event Ordering**

1. Master page controls initialize
2. Content page controls initialize
3. Master page initialize
4. Content page initialize
5. **Content page load (see how it reverses the order)**
6. **Master page load**
7. Master page child controls load
8. Content page controls load

**Themes and Skins**

* **Themes**
  + Similar to CSS
  + Larger than CSS
  + Not a replacement for CSS
  + Do not download themes online use your own copy
* **Skins**
  + Definition of styles applied to server controls
  + Use skins to format asp controls

**Programmatically Using Themes**

* You can change themes programattically using Page.Theme = Request.QueryString(“ThemeName”)
* Specify ThemeName in web config
* Page\_PreInit is used to change theme.