The State of California

Web Template

Early Adopters Workshop

January 16, 2007

Presented by the Office of eServices and the Department of Technology Services

Workshop Agenda

- *The design of the CA web template*
- *The coding technology used*
- *How to use the web template*
- *Build a sample site*
- *Tips*
- *How to get help or provide feedback*
- *Questions/Comments*

# The Design of the CA Web Template

Design Criteria

- *Maximize content access*
- *Keep pages light for fast loading*
- *Maximize available content area*
- *Meet latest accessibility requirements*
- *Encourage simplified navigation*
- *Improve flexibility with multiple color schemes*
- *Make it easier to use and maintain*
- *Apply statewide branding*

Coding Technology Used

The state web template uses:

- *XHTML (strict) as the primary coding standard*
- *CSS-defined layers*
- *Semantic coding for navigation and content*
- *JavaScript to detect the active page*

Coding Technology Used
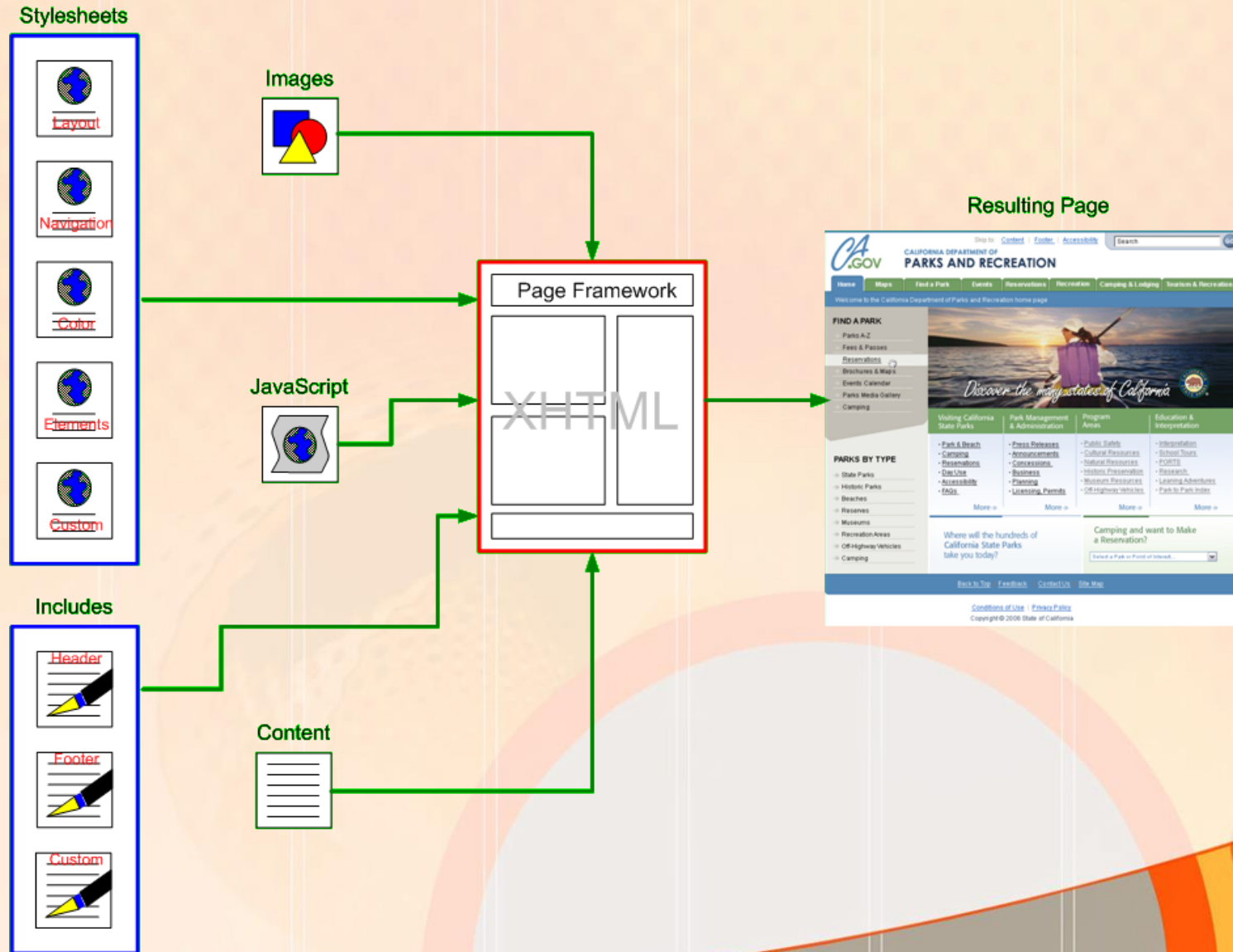
How to Use the Web Template

Process Overview:

1) Download the template package
2) Create test web site
3) Configure web server to process SSI
4) Unpack template package to a directory
5) Copy and rename the master template or one of the samples to create your department master template

How to Use the Web Template

6) *Build primary navigation in header include in the SSI folder*

7) *Substitute your title graphic in the header include*

8) *Add any additional footer information you need in the footer include in the SSI folder*

9) *Configure department master template to suit your needs*

10) *Test your master template*
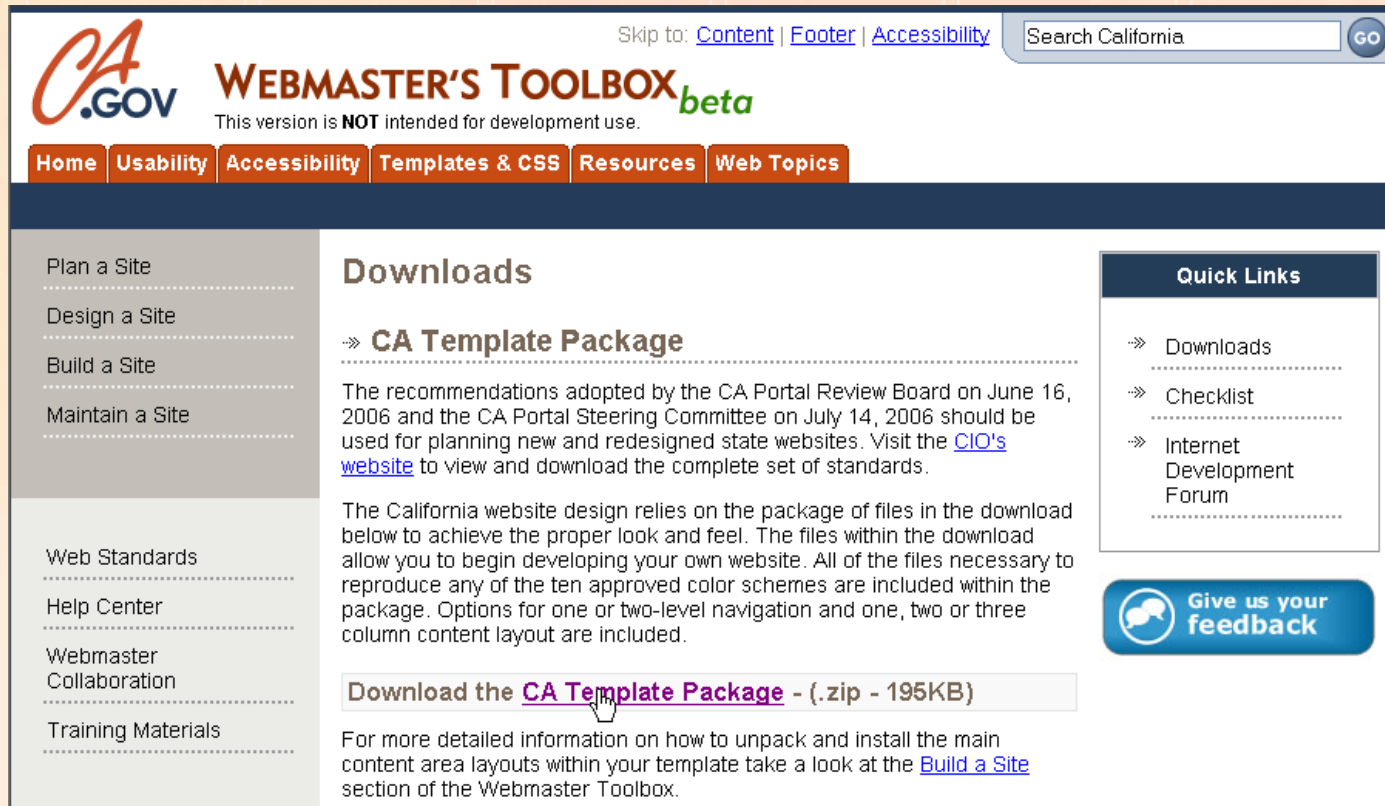
How to Use the Web Template

11) *Copy and rename department master template to begin creating site pages*

12) *Change the active tab value on each page to reflect the appropriate navigation tab value*

13) *Populate new pages with content*

14) *Test the site*

How to Use the Web Template

1) *Download the template package*

- *http://www.webtools.ca.gov/downloads/*

How to Use the Web Template

2) Create test web site
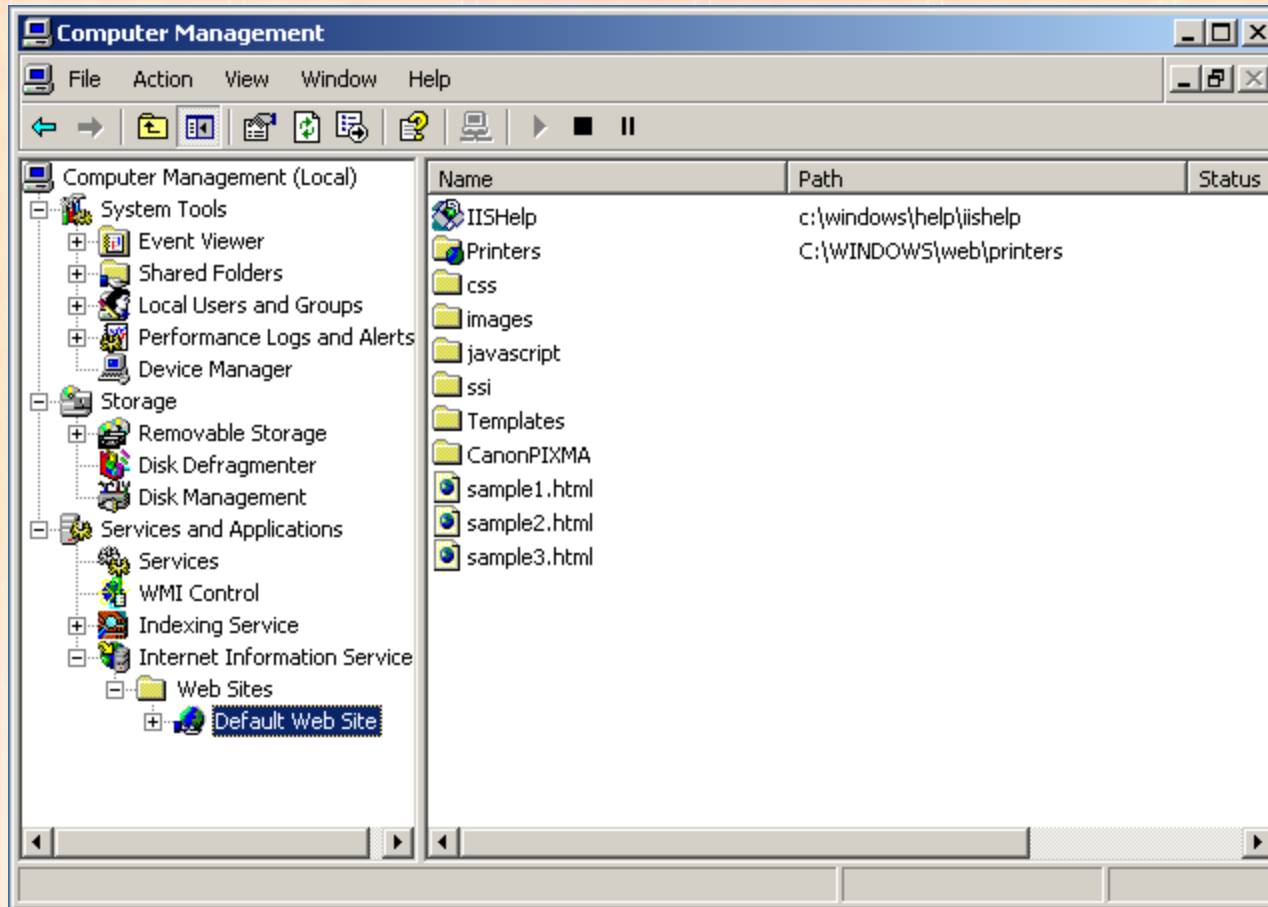
How to Use the Web Template

3) *Configure web server to process SSI*

- *By default, IIS cannot process the include statements for a .html file*

- *Change the default by application settings configuration*

- *Alternative: rename files and matching references to .shtml or .asp*

- *Other web servers may vary*

How to Use the Web Template

Configuring IIS to run include statements on .html files
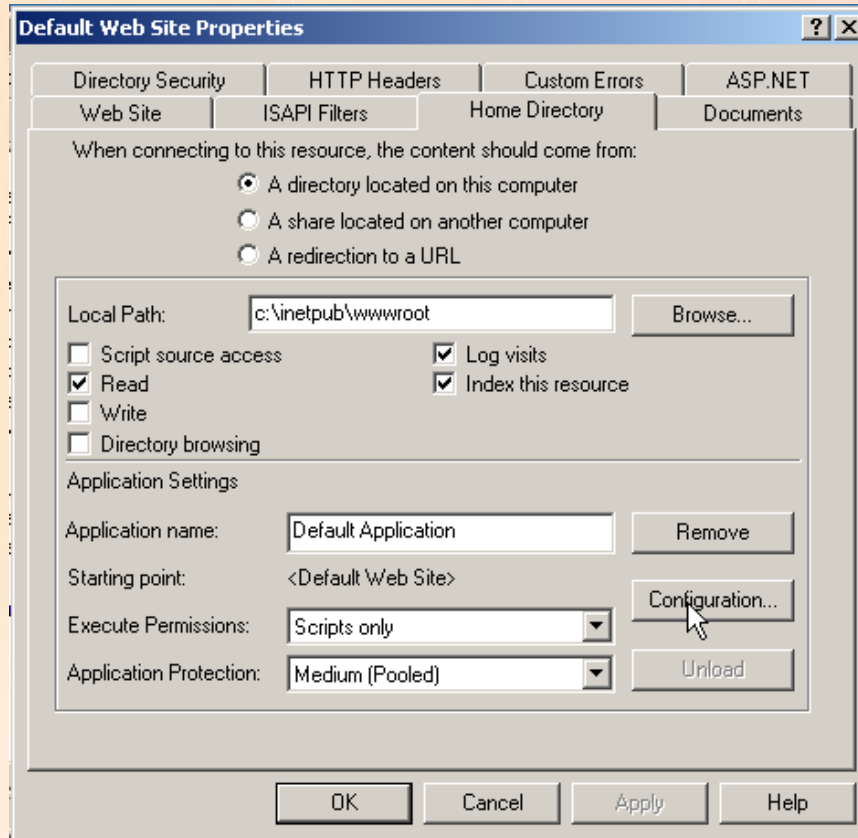
How to Use the Web Template

4) *Unpack template package to a directory*

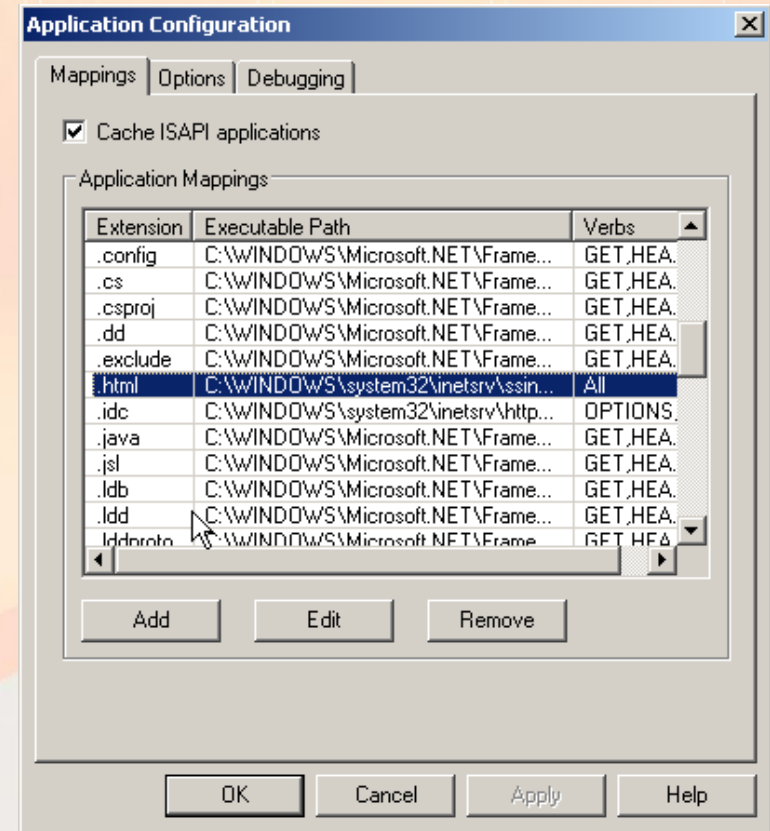- *If testing locally, you can develop directly from your web server directory location or develop in a separate directory and copy to IIS directory for testing*

- *If testing remotely, unpack to a local directory and ftp to remote server for testing (or set up development application to use remote server functionality to test locally)*

How to Use the Web Template

5) *Copy and rename the master template or one of the samples to create your department master template*

- *CAtemplate.html – master template CA portal color scheme, two column content layout plus Governor's link, Flex Your Power and Amber Alert blocks*

- *sample1.html – master template, one column content area*

- *sample2.html – master template, two column content area*

- *sample3.html – master template, three column content area*

How to Use the Web Template

6) Build primary navigation in header include

- *Include files are located in the SSI folder*

- *Navigation is built using an HTML unordered list*

```
ul id="nav_list">
  <li><a href="/">Home<span></span></a></li>
  <li><a href="#">Link 1<span></span></a>
    <ul>
      <li><a href="#">Link 1 A</a></li>
      <li><a href="#">Link 1 B</a></li>
      <li><a href="#">Link 1 C</a></li>
    </ul>
  </li>
  <li><a href="#">Link 2<span></span></a>
    <ul>
      <li><a href="#">Link 2 A</a></li>
      <li><a href="#">Link 2 B</a></li>
      <li><a href="#">Link 2 C</a></li>
      <li><a href="#">Link 2 D</a></li>
    </ul>
  </li>
</ul>
```

Primary list item populates tabs

Home | **Business** | Education | Employment

Business Portal | Laws & Regulations | US Sma

List items in nested list populates the second row of navigation

How to Use the Web Template

7) *Substitute your title graphic in the heading include*

```
<a id="agency_branding" href="/">

<img src="images/CDA_New_Logo_home.jpg" alt="California Department of Aging Logo" /></a>
```

California Department of AGING

8) *Add any additional footer information you need in the footer include*

How to Use the Web Template

9) Configure department master template to suit your needs

- *Modify the document title and meta information*

```
<!-- Begin Document Title - Customize to fit your needs -->
  <title>State of California</title>
<!-- End Document Title -->


<!-- Begin Meta Information - Customize to fit your needs -->
  <meta name="Author" content="State of California" />
  <meta name="Description" content="" />
  <meta name="Keywords" content="" />
<!-- End Meta Information -->
```

Document Title

Meta Information
(author, description and keywords)

How to Use the Web Template

9) Configure department master template to suit your needs (continued)

- *Select one or two level navigation*

```
/* @import url("css/navigation_1_level.css"); */
/* @import url("css/navigation_2_level.css"); */


@import url("css/navigation_2_level.css");
```

Navigation options available
(commented out)

Navigation option selected

- *Select one, two or three column content layout*

```
/* @import url("css/content_1_column.css"); */
/* @import url("css/content_2_column.css"); */
/* @import url("css/content_3_column.css"); */


@import url("css/content_2_column.css");
```

Column options available
(commented out)

Column option selected

How to Use the Web Template

9) Configure department master template to suit your needs (continued)

- *Select color scheme*

```
/* @import url("css/color_scheme_01_sf.css"); */

/* @import url("css/color_scheme_02_ca.css"); */

/* @import url("css/color_scheme_03_eureka.css"); */

/* @import url("css/color_scheme_04_napa.css"); */

/* @import url("css/color_scheme_05_monterey.css"); */

/* @import url("css/color_scheme_06_sac.css"); */

/* @import url("css/color_scheme_07_la.css"); */

/* @import url("css/color_scheme_08_sc.css"); */

/* @import url("css/color_scheme_09_sd.css"); */

/* @import url("css/color_scheme_10_oakland.css"); */


@import url("css/color_scheme_02_ca.css");
```

← Color options available
(commented out)

← Color option selected

How to Use the Web Template

9) Configure department master template to suit your needs (continued)

- *Set the active tab value*

var defaultMainList = "Home";

Change this value to match the name of the page as listed in your navigation

Home | Business | Education | Employment
Business Portal | Laws & Regulations | US Sma

•*Make any department-specific CSS modifications or additions in the ca_department.css file located in the css folder*

How to Use the Web Template

10)Test your master template

How to Use the Web Template

11) *Copy and rename department master template to begin creating site pages*

12) *Change the active tab value on each page to reflect the appropriate navigation tab value*

var defaultMainList = "Business";

var defaultMainList = "Education";

Home | Business | Education | Employment
Business Portal | Laws & Regulations | US Sma

How to Use the Web Template

13) Populate new pages with content

```html
<h3>Aging Related Links</h3>
  <ul>
     <li><a href="http://www.pware.com/index.cfm?clientid=2261">Register for CDA Conferences </a></li>
     <li><a href="aaa_business/aaa_partners_index.html">AAA Partners</a></li>
  </ul>
<h3>Aging Related Links</h3>
  <ul>
     <li><a href="http://www.aoa.gov">Administration on Aging </a></li>
     <li><a href="links/related_links.html">Related Links</a></li>
  </ul>

  <p>
   <a href="html/programs/medicare_consumers/medicare_consumers.html">
   <img height="68" alt="Link to Medicare for Consumers" src="images/medicare4consumers.jpg" width="113"></a>
  </p>
  <p>
   <a href="html/programs/medicare_partners/medicare_partners.html">
   <img height="68" alt="Link to Medicare for Partners" src="images/redder_red_medicare4consumers.jpg" width="113"></a>
  </p>
  <p>
   <a href="html/programs/ombudsman.html">
   <img height="68" alt="Link to Long-Term Care Ombudsman" src="Images/Ombi_btn_copy.jpg" width="113"></a>
  </p>
```

How to Use the Web Template

14) Test the site

Build a Sample Site

Tips

- *Understand and use semantic coding for content*

- *Don't forget the double <span> tags in the navigation*

- *It's probably easier to insert your content then tweak the CSS to improve presentation for the first few pages rather than tweak the CSS first*

- *Once you understand your site structure you can optimize your code by making additional includes*

Tips

- *Once you've selected a color scheme, you can delete the other color scheme CSS and image files to optimize your file structure and size*

- *Stick with the authorized colors*

- *Notify eServices before your site goes live*

Tips

- *Troubleshooting*
  - *Are you viewing the site via a web server?*
  - *Did you alter the directory structure?*
  - *Did you modify any CSS or include file names?*
  - *Are all the files the same version number?*
  - *Did you change or remove the doctype of the template?*

How to Get Help or Provide Feedback

- *For technical issues, contact the DTS Service Desk at 464-4311 and open a ticket*

- *To provide feedback*
  - *Send an email to: info@eservices.ca.gov*

Questions/Comments

- *Lesson feedback can be sent to: info@eservices.ca.gov*