

**Oracle® Transportation Management**

Branding Guide

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Oracle Transportation Management Branding Guide, Release 5.5

Part No. B28769-06

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## Preface

The *Oracle Transportation Management Branding Guide* provides information about the process of branding the Oracle Transportation Management Web interface. The term “branding” refers to the practice of customizing images and Web interface themes to more closely reflect a company’s brand.

This document is intended to provide detailed information about the process of branding the Oracle Transportation Management Web interface. It is intended specifically to assist Web developers at client sites. However, this guide may also prove useful for internal (Oracle) audiences who wish to gain a greater understanding of the Oracle Transportation Management branding process.

### Change History

Date	Document Revision	Summary of Changes
4/21/08	-06	Added Change History table.



# 1. Branding Overview

As it relates to Oracle Transportation Management, the term “branding” refers to the process of changing the look and feel of the application to reflect the client’s brand. Oracle Transportation Management is shipped with customizable images and Web interface themes, which gives you the ability to easily change colors and logos viewed on Oracle Transportation Management Web pages. For example, clients can use their own logos to replace the default Oracle and Oracle Transportation Management logos throughout the application.

Branding helps you to develop a strong awareness for your trade name, product, or services. The ability to brand Oracle Transportation Management is also beneficial for those businesses that plan to distribute the Oracle Transportation Management product.

## Oracle Transportation Management Web Page Technology

Oracle Transportation Management Web interface themes are separate from the structure and function of Oracle Transportation Management, independent of the business logic of the Oracle Transportation Management user interface. Extensible markup language (XML) defines the structure of Oracle Transportation Management. Java describes the behavior of the Oracle Transportation Management application. CSS combined with extensible style sheet language (XSL) defines the coherent look and feel of Oracle Transportation Management.

By changing the CSS or XSL files, or pointing to a different set of files, you can change the look of Oracle Transportation Management without affecting the underlying structure or functionality.

## Brandable vs. Non-brandable Application Features

Specifically, you have the ability to change button images, logos, color schemes, font sizes and colors viewed throughout the Oracle Transportation Management Web application. To a lesser extent, you may also change the layout of some Oracle Transportation Management screens, though this aspect of branding is handled through the Menu Manager feature within Oracle Transportation Management.

Branding **does not** include the ability to add, rename, or delete fields in Oracle Transportation Management. Nor does it include the ability to move, rename, or rearrange sections of Oracle Transportation Management pages.



## 2. Branding Technology

Oracle Transportation Management Web pages are constructed using XML to provide structure, and XSL and CSS files to define the look.

### Extensible Markup Language (XML)

XML is an open standard for describing data, as defined by the World Wide Web Consortium (W3C). XML is used for defining data elements on a web page and business-to-business documents. It uses a similar tag structure as HTML; however, where HTML defines how elements are displayed, XML defines what those elements contain.

HTML uses predefined tags, but XML allows page developers to define the tags. Therefore, virtually any data items (for example, product and amount due) can be identified, allowing Web pages to function much like database records.

### Extensible Stylesheet Language (XSL)

XSL is a style sheet format for XML documents. XSL is the XML counterpart to the CSS language in HTML, although XML supports CSS1 and CSS2. XSL Transformations (XSLT) are extensions to XSL for converting XML documents into XML or other document types and may be used independently of XSL.

Unlike HTML, element names in XML have no intrinsic presentation semantics. Without a style sheet, a processor could not know how to render the content of an XML document, other than as an undifferentiated string of characters. XSL provides a comprehensive model and a vocabulary for writing such style sheets using XML syntax.

### Cascading Style Sheets (CSS)

CSS is the style sheet format that provides layout settings that can be applied to Web pages. Any structured document format can use CSS; XML is just one example of where CSS can be applied.

CSS2 (Version 2.0) is the style sheet format supported for XML; Oracle Transportation Management uses this style sheet format.



## 3. Requirements

### Required Software

In addition to the required software and documents listed in this chapter, you should have an Oracle Transportation Management test environment available in order to test your customizations.

You must have access to the following items prior to beginning the Oracle Transportation Management branding process:

- Adobe PhotoShop, Version 7.0 (or above)
- A text editor (HomeSite is recommended)
- It is recommended that you have a file compare utility.

### Recommended Branding Skill Set

It is recommended that the branding developer have thorough knowledge of DHTML/HTML/CSS and Javascript, as well as experience with XML/XSL.

The branding developer should have experience/understanding of graphical user interfaces, as well as experience developing graphical content.

An understanding of the following applications is recommended:

- Internet Explorer or Firefox
- WebLogic
- Oracle RDBMS
- Apache
- Tomcat

### Required Documents

The required documents are available on your Oracle Transportation Management Web Server under `<otm_install_dir>/apache/htdocs/`.

The following documents are needed in order to create a theme:

- `/xsl/themes/themes.xml` - This document calls the theme to be presented. By importing a specified theme, the user is presented with a new look and feel.
- `/xsl/themes/themesswanblue.xml` - This document contains links to all of the CSS (Cascading Style Sheets) used throughout the theme. It also contains references to every image used throughout the Web interface.  
(Previous versions used `/xsl/themes/themestechblue.xml`)
- `/css/themes/themesswanblue.css` - This document defines the theme's color and font usage. For certain elements it also defines positioning, spacing, padding, margins, alignment, background image, and border definitions.  
(Previous versions used `/css/themes/themestechblue.css`)
- `/images/themes/themesswanblue` - This directory contains all of the images used throughout the theme (themesswanblue contains images for the Oracle Transportation Management Theme, and so on).  
(Previous versions used `/images/themes/themestechblue`)

## Brandable Screens

Changes to **ProblemCount.xml**, **usermenu.xml**, **footer.xml** and **body.xml** should be saved in a client specific directory location. See User Preference – Stylesheet location (on page 4-3). This allows client maintained files not to be overwritten with each service release.



Changes to **login.xml** and **logout.xml** must be saved and reapplied after each service release. The login.xml and logout.xml do not use the User Preference – Stylesheet location value as there is no valid user logged in at this point.

## 4. Themes

AN Oracle Transportation Management “theme” is a specific color scheme for the application. This section explains how you create and customize themes, along with the XSL and CSS **for each theme shipped with Oracle Transportation Management**. Depending on your needs, you can brand across all accounts, limit to certain roles, domains or users.

The required documents are available on your Oracle Transportation Management Web Server under `<otm_install_dir>/apache/htdocs/`.

**Note:** During the development process to enable the XSL interpreter to load changed XSL files without stopping and restarting the webserver, set the property `glog.webserver.xsl.debug=true` in your `glog.properties` file.

### Update to Supported Themes

A major overhaul of the Oracle Transportation Management screens was initiated in the 5.5 CU2 release. Due to the complexity of the changes, none of the previous themes are supported. These unsupported themes include:

- red
- silver
- gc3
- metalred
- metalgreen
- metalpurple
- metalred
- technoblue
- technogreen
- technorange

In their place, three (3) new themes were created:

- themesswanblue (default)
- themesswanorange
- themesswangreen

Screens that are unconverted will use old themes depending on which theme is the current theme.

- themesswanblue -> Unconverted screens will use themestechnoblue
- themesswangreen -> Unconverted screens will use themestechnogreen
- themesswanorange -> Unconverted screens will use themestechnorange

If a branding has already been performed, it is recommended to go back and look at which previous themes were being referenced. The references should be changed to one of the three currently supported themes.

### Sample Themes

Theme Name	Example
------------	---------

Theme Name	Example
Themesswanblue	 <p>The diagram shows the Oracle Transportation Management logo with a blue central circle. It is surrounded by 12 icons representing various logistics functions: Analysis &amp; Design, Equipment &amp; Distribution, Platform Tools, and Transportation Management. The text 'Integrated Logistics Management' is at the bottom.</p>
themesswangreen	 <p>The diagram shows the Oracle Transportation Management logo with a green central circle. It is surrounded by 12 icons representing various logistics functions: Analysis &amp; Design, Equipment &amp; Distribution, Platform Tools, and Transportation Management. The text 'Integrated Logistics Management' is at the bottom.</p>
themesswanorange	 <p>The diagram shows the Oracle Transportation Management logo with an orange central circle. It is surrounded by 12 icons representing various logistics functions: Analysis &amp; Design, Equipment &amp; Distribution, Platform Tools, and Transportation Management. The text 'Integrated Logistics Management' is at the bottom.</p>

## Creating Themes for an Oracle Transportation Management Web Server

Oracle Transportation Management ships with a standard theme that is imported in the XSL file /xsl/themes/themes.xsl. To facilitate the ability to override the standard Oracle Transportation Management theme, a user preference "Stylesheet Location" has been added. See Oracle Transportation Management help for more information on how to assign User Preferences to users.

## User Preference – Stylesheet Location

User Preferences 1 of 1

* User Preference ID	Domain Name
EXAMPLE	GUEST
Preference	
* Name	* Value
Stylesheet Location	client199

The value entered for the **“Stylesheet Location”** is used to resolve the XSL files location. The XSL file location is resolved by the following search:

- If the user does not have a “Stylesheet Location” defined, the default Oracle Transportation Management version is used.
- If the user has a “Stylesheet Location” defined:
- Look for the XSL file `<otm_install_dir>/apache/htdocs/xsl/{Stylesheet Location value}/{XSL file requested}`
- If not found, try the parent directory of the Stylesheet Location value until either the XSL file is found or use the default Oracle Transportation Management version. Note: The Stylesheet Location value can contain a directory hierarchy to support multiple themes for different user preferences.

For example: Stylesheet Location value is `client199/vendor` this location contains the XSL file `<otm_install_dir>/apache/htdocs/xsl/client199/vendor/themes/themes.xml` only.

- XSL file to resolve `themes/themes.xml`

This file is found at the first search location

`<otm_install_dir>/apache/htdocs/xsl/client199/vendor/themes/themes.xml`

This file has been modified to import `themes/themesswanblue.xml`. The following is the search that is done:

- `<otm_install_dir>/apache/htdocs/xsl/client199/vendor/themes/themesswanblue.xml ... not found.`
- `<otm_install_dir>/apache/htdocs/xsl/client199/themes/themesswanblue.xml ... not found.`
- `<otm_install_dir>/apache/htdocs/xsl/themes/themesswanblue.xml ... found in the default Oracle Transportation Management location.`

The User Preference - Stylesheet Location value should have the first directory value set to the client ID that is assigned. This will guarantee any custom work provided by Oracle for a client will be found correctly along with any client changes.

**Note:** The client ID will be needed to install any service releases. For the initial release (v4.0) contact Technical Support for your client ID if you are implementing your own branding changes before the first service release.

A new XSL variable (`clientDirectory`) is provided in `comm/otm/StdWidgets.xml` that will return the base directory (client ID). This `.xml` file is used for pages that have been converted to the Swan style. Unconverted pages use `comm/otm/StdWidgets.xml`.

Examples:

When defining a XSL variable for new images:

- `<xsl:variable name="butleft_img"><xsl:value-of select="$glogUriPrefix"/>/images/<xsl:value-of select="$clientDirectory"/>themes/themesmycompany/arrowright.gif</xsl:variable>`

If you need to define a HREF for a client implemented JavaScript file:

- `<script language="javascript" type="text/javascript" src="{ $glogUriPrefix }/js/{ $clientDirectory }problemcount/additional.js"/>`

## Create a Theme

To create a theme:

1. Copy `/xsl/themes/themes.xml`. For example, `/xsl/{client ID or clientID/subdirectory}/themes/themes.xml`.
2. Copy and rename `/xsl/themes/themesswanblue.xml` (for example, `/xsl/{client ID or clientID/subdirectory}/themes/themesmycompany.xml`).
3. Copy and rename `/css/themes/themesswanblue.css` (for example, `/css/{client ID or clientID/subdirectory}/themes/themesmycompany.css`).
4. Create a new image subdirectory `/images/{client ID or clientID/subdirectory}/themes/themesmycompany`.
5. Add the new theme by importing it into `/xsl/{client ID or clientID/subdirectory}/themes/themes.xml` `<xsl:import href="file:themes/themesmycompany.xml"/>`.
6. In `/xsl/{client ID or clientID/subdirectory}/themes/themesmycompany.xml`, change the reference to your CSS file to match the one you created above. For example, after your change, the file could read:

```
<xsl:template name="css">
  <link rel="stylesheet" type="text/css">
    <xsl:attribute name="href">
      <xsl:value-of
        select="$glogUriPrefix"/>/css/<xsl:value-of
        select="$clientDirectory"/>/themes<xsl:value-of
        select="translator:get-translated-
        value('css.root_dir')"/>themesmycompany.css
    </xsl:attribute>
  </link>
</xsl:template>
```

## Creating Themes for a Locale

Oracle Transportation Management allows for branding of certain attributes based on locale (language and country). CSS files can be created for each locale, adjusting for font styles and sizes, as well as color preferences. For example, you might want to brand by locale to add more space for double-byte languages like Chinese.

### *Double-byte Character Sets*

Because double-byte character sets (ideographs like in Chinese) consists of much more details than normal ASCII characters, you need to adapt your stylesheets. Oracle Transportation Management ships with a `gc3themes.css` file adapted to Chinese. It is located in: `/css/zh/themes/`. The CSS has been altered to include:

- Background images URL changed to point to the correct directory.
- Finder Result grid header row height changed to 21px.
- Finder Result grid header columns vertically-aligned to the middle.

- Finder Result grid header partition height changed to 21px.

If you create your own customized stylesheets and plan to use them with double-byte character sets, you need to make the same kind of changes to your Chinese style sheet.

## **Apply Branding Based On Locale**

To implement internationalized branding:

1. Log in to Oracle Transportation Management as DBA.ADMIN.
2. Go to the translation manager and search for the Translation ID "css.root\_dir". Learn more about the translation manager in the online help.
3. Edit the css.root\_dir record you found.
4. Add a **language**, **country**, and **domain name** as required for what you want to brand. For example, if you want to create a webserver wide CSS stylesheet for Chinese, add Chinese as language, China as Country, and \* as domain name. The country code is optional, since many countries have a national language.  
**Note:** If your language is not listed, contact Oracle Support for help.
5. As **text** enter /DIR/ where DIR will be the directory in which you will place the localized CSS files. A good naming convention would be to use the LANGUAGE\_COUNTRY of the file you are editing. Examples: fr\_CA is French Canadian, zh is Chinese.
6. Click **save**.
7. Click finished.
8. In <otm\_install\_dir>/apache/htdocs/css/{client ID or client ID/subdirectory}/themes/, create a directory with the same name you entered in css.root.dir.
9. Copy your default themes directory, including all CSS file to <otm\_install\_dir>/apache/htdocs/css/{client ID or client ID/subdirectory}/themes/<DIR>/.
10. Edit the file to create the new, branded look.
11. Test your locale specific theme by logging into Oracle Transportation Management and setting your user preferences to the country and language you have branded for. See the online help for more information on how to do this. Your new look and feel should be visible after pressing the reload button in your browser.

## **Translations**

You may wish to change some translations in the Oracle Transportation Management System. For example, you can update "OTM" to "My Company Name".

If you only want to make a few changes, you can use the Label Manager in Oracle Transportation Management (**Configuration and Administration>User Configuration>Label Manager**).

**Note:** This feature is only available to users who are logged in as administrators.

If you need to change large amounts of phrases in Oracle Transportation Management, consider using CSV files to upload your changes to the TRANSLATION\_D table in the database.

## **Customizing Themes**

Colors and fonts used throughout Oracle Transportation Management are defined through the use of cascading style sheets (CSS).

To customize a theme:

1. Open new theme CSS document `/xsl/{client ID or client ID/subdirectory}/themes/themesmycompany.css`
2. Make adjustments as required and save.

## Applying Themes

Oracle Transportation Management ships with these configurable themes. You can review the XSL for each theme in XSL for Themes:

- Themesswanblue
- Themesswangreen
- Themesswanorange

To apply a theme:

3. Copy `/xsl/themes/themes.xml` to `/xsl/{client ID or client ID/subdirectory}/themes/themes.xml`.
4. Replace this line `<xsl:import href="file:themes/themeswanblue.xml"/>` with one of the following lines:

```
<xsl:import href="file:themes/themeswangreen.xml"/>
```

```
<xsl:import href="file:themes/themeswanorange.xml"/>
```

Or, add your custom theme name.

```
<xsl:import href="file:themes/themesmycompany.xml"/>
```

## CSS Descriptions

The following are descriptions of the classes defined in the `themesswan*.css` files.

Notes:

- Classes prefaced by `html>body` are Firefox-specific.
- `<anchor>`s (a) have 4 types:
  - link: standard
  - visited: already been visited
  - hover: mouse is over
  - active: time between user click and release

Class Name / Tag Name	Description	Notes
HTML tag styles (These are styles applied directly to the definition of an HTML element)		
body	This contains the default values of the <code>&lt;body&gt;</code> tag.	
a	This contains the default values of the <code>&lt;a&gt;</code> tag	

Class Name / Tag Name	Description	Notes
input	This contains the default values of the <input> tag. The [type=radio] and [type=submit] classes are Firefox-specific and are for radio buttons and submit buttons, respectively.	
num	Used specifically for <input> tags. Defined on number fields.	
select	Default for <select> tag.	
textarea	Default for <textarea> tag.	
option	Default for <option> tag.	
form	Default for <form> tag.	
hr	Default for <hr> tag	New in CU3
Generic Classes (These are generic classes that are often used in conjunction with other classes)		
.bold	Generic class used for bold text.	
.required	Generic class used for required text.	
.w100	Generic class used to define an element to have a width of 100%.	
.wa	Generic class used to define an element to have a width of auto.	
.error	Generic class used for error text	
.success	Generic class used for success text	New in CU4
.nw	Generic class used to define an element to remove text wrapping.	
.cl	Generic class used to remove any float definitions.	
.it	Generic class used for italic text.	New in CU3
.curDefault	Generic class for the default cursor (used mainly on trees)	New in CU4
Body Classes (These are classes used on the <body> tag)		
.body1	Used on almost all screens.	
.body2	Used on screens without a header section.	

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
.sbody	Stands for "s"tandard body. This is used on the finder buttons and result header screens. The original intention was for it to be used when the spacing of body1 and body2 did not fit.	
Header Classes (The header section of the page)		
.bodyHeaderCont	Container of the header section.	
.hdTitle	Header text.	
.hdLine	The line under the header title	
Body Data Classes (The data section of the page)		
bodyOutDataCont	Outer container of the data section. This wraps around the succeeding data containers.	
bodyTabDataCont	Container of the data section of tabular pages. Tabular pages are used for new and edit pages (including single tab pages and second page data even though they may not/do not have any tabs associated with them)	
bodyDataCont	Container of the data section of non-tabular pages. These include view pages, action/ask otm input pages and action/ask otm result page.	
popinBodyDataCont	Container of pop-in body data sections. Uses include the action menu, mass update screen, and configure results screen.	
Header Fields (The line right under the tabs on edit/new pages)		
headerFieldsCont	Container of the header fields section for tabs.	
subHeaderFieldsCont	Container of the header fields section for subtabs	
headerField	Header field (contains a label and data)	
hfLabel	Header field label	
hfData	Header field data value	
Body Footer (The footer section of the page)		
bodyDataFooterCont	Container of the footer section	
popinBodyDataFooterCont	Container of the footer section of pop-ins.	
Section Definitions (The data inside the body data section is split into individual sections)		

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
.bodySubTabSectCont	Container for a subtab section	
.bodySubDataCont	Container for the data within a subtab section	Changed in CU3
.bodySectsCont	Container for sections that appear side-by-side	
.bodySectsInCont	Inner container for sections that appear side-by-side	
.bodySectHorizSpacer	Used to space out sections that appear side-by-side	
.bodySectFFCont	Free-form section container. Current uses include the confirmation page, error page, and results page.	
.bodySectCont	Section container	
.bodySectBG	Defines the background color of a section (when used).	
.bodySectInCont .bodyInputAlign	Aligns buttons with an input HTML tag within a section.	
.bodySectInCont	The inner container of a body section. This is used for field sections	
.noTbSp	No table spacing. Used on table elements where we don't want table spacing defined.	
Section Label Classes (The labels for a data section)		
.sectLabel	Section label	Changed in CU3
.sectLabel input	Input elements within a section label.	Changed in CU3
Grid Classes		
.grid	Grid container	
.gridColGroupRow	Grid column group row	Changed in CU3
.gridColGroupRow .gridColGroupLabelCell	Grid column group row label cell	

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
.gridColGroupRow .gridColGroupLabel	Grid column group row label	
.gridColGroupRow .gridColGroupDataCell	Grid column group row data cell	
.gridColGroupRow .gridColGroupData	Grid column group row data	
.grid .gridHeadCell	Grid header column	
.grid .gridHeadBtnsCell	Grid header column for buttons (used with .gridHeadCell)	
.grid .gridHeadImgCell	Grid header column for images (used with .gridHeadCell)	
.grid .gridHeadCheckCell	Grid header column for checkboxes (used with .gridHeadCell)	
.grid .gridHeadLabel	Grid header column for labels (used with .gridHeadCell)	Changed in CU3
.grid .gridHeadRequired	Used on the * (required) symbol on a grid header column	
.grid .rowHead	Grid body header row	New in CU3
.grid .rowOdd	Grid body row (odd)	
.grid .rowEvent	Grid body row (even)	
.grid .rowSelected	Selected grid body row	
.grid .rowHighlighted	Highlighted grid body row	
.grid .rowTotal	Grid total row	
.grid .gridBodyCell	Grid body column (all subsequent body columns are used with this class)	
.grid .gridBodyCell pre	Grid body preformatted text column	New in CU3
.grid .gridBodyDetCell	Grid body detail column. Used for row detail sections.	New in CU4
.grid .gridBodyDurCell	Grid body duration column	Changed in CU3
.grid .gridBodyNumCell	Grid body number	

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
.grid .gridBodyUomCell	Grid body unit of measure column (excluding duration)	
.grid .gridBodyDateCell	Grid body date column	
.grid .gridBodyImgCell	Grid body image column	
.grid .gridBodyRadioCell	Grid body radio button column	Changed in CU3
.grid .gridBodyCheckCell	Grid body checkbox column	
.grid .gridBodyBtnsCell	Grid body buttons column	
.grid .gridBodyLabelCell	Grid body label column	
.grid .gridBodyErrorCell	Grid body error column	
.grid .gridBodyEmptyCell	Grid body empty column	
.grid .gridBodyFocusCell	Grid body focus column	
.grid .gridBodyBlackedCell	Grid body blackened column	
.grid .gridBodyFixedCell	Grid body fixed column	
.grid .gridBodyEditedCell	Grid body edited column	
.grid .gridBodyDisabledCell	Grid body disabled column	
.grid .gridBodyInfeasibleCell	Grid body infeasible column	
.grid .gridBodyCurrentCell	Grid body current column	
.grid .gridFooterCont	Container for the grid footer	Changed in CU3
.grid .gridButtonsCont	Container for buttons within a grid	
.grid .gridBodyMediumAlertCell	Grid body medium alert column. Exclusive to the Yard Manager.	New in CU4
.grid .gridBodyHighAlertCell	Grid body high alert column. Exclusive to the Yard Manager.	New in CU4
<b>Field Data Classes</b>		
.utilization	The utilization field	Changed in CU3

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
.utilizationFill	The filled-in portion of the utilization field.	Changed in CU3
.fieldsCont	Multiple field container	New in CU3
.fieldCont	Data field container.	
.fieldLabel	Label for a top-bottom data field	
.fieldLRLabel	Label for a left-right read-only data field.	
.fieldLRLabel2	Label for a left-right input data field	New in CU3
.fieldData	Data value for a data field	Changed in CU3
.fieldData pre	Preformatted data value for a data field	Changed in CU3
.fieldLRData	Data value for a left-right data field.	
.fieldRadioContOut	Outer container for a group of radio buttons	
.fieldRadioCont	Container for a group of radio buttons	Removed in CU3
.fieldCbsContOut	Outer container for a group of checkboxes	New in CU3
.fieldCbsCont	Container for a group of checkboxes	New in CU3
.queryCtlCont	Container around the query controls on the finder page.	
Auto Complete Classes		
.popupFrame	Container for the auto complete control	
.popupItem	Row item	
.pItemSel	Selected row item	
Text (free-form text)		
.text	Normal text	Changed in CU3
.errorText	Error text	

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
.exceptionText	Exception text	
Message Box		
.msgSectCont	Message section container	
.msgCont	Message container	
.msgMain	Horizontally, the message is made up of 3 pieces: Left, Main (this is where the message text resides), and Right	Changed in CU3
.msgMain .bodySectInCont	Redefine of the bodySectInCont for within .msgMain	
.msgMain a	Redefine of anchors within .msgMain	
.msgTopBg	Background of the message top	
.msgBtmBg	Background of the message bottom	
.msgMainL	Left piece of the message main	
.msgMainR	Right piece of the message main	
.msgHead	Message header	New in CU3
.msgHeadErr	Message header error text	New in CU3
.msgHeadWarn	Message header warning text	New in CU3
.msgHeadInfo	Message header information text	New in CU3
.msgHeadConfirm	Message header confirmation text	New in CU3
<del>.msgSubCont</del>	<del>Container of the message subject</del>	Removed in CU3
.msgSub	Message subject	Changed in CU3
<del>.msgSubErr</del>	<del>Message error subject</del>	Removed in CU3
<del>.msgSubWarn</del>	<del>Message warning subject</del>	Removed in CU3

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
.msgBodyCont	Message body container	Changed in CU3
.msgLine	Message body line of text	Changed in CU3
Miscellaneous		
#userMenuBody	ID of the user menu frame	New in CU4
#sidelogo	The logo on the user menu	
#bodyimage	Container for the navigation wheel on the start page.	
#tooltip	Not used	
.box	A generic box. Uses include the saved query section on the finder and finder results screens and legends.	
.popMask	Used on the finder results. This disables the screen on certain operations.	
#processingDiv	Used on the finder results. Container for the message displayed during screen disabling.	
.popmenu	Not used	
Power Data Classes		
.pdCont	Container for the entire power data menu	
.pdSubMenu	Power Data submenu (menu on the right)	
.pdSubMenuTitle	The title of a submenu	
Tab Classes		
.tabLabelCont	Container for a tab label	
.subTabLabelCont	Container for a subtab label	
.tabCur	Current tab	
.subTabCur	Current subtab	
.tabDim	Non-current tab	

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
.subTabDim	Non-current subtab	
.tabDim a	Anchor of the non-current tab (the text)	
.subTabDim a	Anchor of the non-current subtab (the text)	
Global Area (Where the info button, business monitor button, logout button, help button, and message center resides)		
.globalArea	The global area	Modified in CU4
.globalArea .msgCntChanged	Style for when the message count dynamically changes	New in CU4
.globalArea #version	ID of the Version	New in CU4
.globalArea #welcome	ID of the Welcome	New in CU4
.globalArea #role	ID of the Role text	New in CU4
.globalArea #msgCenter	ID of the Message Center	New in CU4
.globalArea #info	ID of the Information link	New in CU4
.globalArea #bm	ID of Business Monitor link	New in CU4
.globalArea #logout	ID of the Logout link	New in CU4
.globalArea #help	ID of the Help link	New in CU4
.globalArea #askOTM	ID of the Ask OTM link	New in CU4
<del>#toplogo</del>	<del>The logo</del>	Removed in CU4
<del>#welcome</del>	<del>Welcome text</del>	Removed in CU4
<del>#gc3infoicon</del>	<del>Information icon</del>	Removed in CU4
<del>#gc3bmicon</del>	<del>Business Monitor icon</del>	Removed in CU4

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
#gc3logouticon	Logout icon	Removed in CU4
#gc3helpicon	Help icon	Removed in CU4
#launchaskglogicon	Ask-OTM icon	Removed in CU4
#gc3info	Not used	Removed in CU4
#gc3bm	Not used	Removed in CU4
#gc3logout	Not used	Removed in CU4
#gc3help	Not used	Removed in CU4
#launchaskglog	Not used	Removed in CU4
#total	Total text	Removed in CU4
#view	Not used	Removed in CU4
#version	Version text	Removed in CU4
#header_user_role	User role text	Removed in CU4
.version	Not used	Removed in CU4
.message	Not used	Removed in CU4
.welcome	Not used	Removed in CU4
.header_user_role	Not used	Removed in CU4
.topbar	Used for View Messages and Refresh Messages	Removed in CU4
.topbar1	Used for Message Center, Unread, and Total.	Removed in CU4

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
#toplogo2	Logo on the global area within a window when 'opened in a new window'	
#closewindowicon	Close icon on the global area within a window when 'opened in a new window'	
#gc3helpicon2	Help icon on the global area within a window when 'opened in a new window'	
Ask OTM Classes		
#askarrow	Ask arrow	
#askglog	Ask OTM text	
#navwheelsm	Navigation Wheel	
#co	Container Optimization text	
#containerbox	Container image	
#airschedules	Air Schedule text	
#airschedulesbox	Air Schedule image	
#vesselsch	Vessel Schedule text	
#vesselbox	Vessel Schedule image	
#groundsch	Ground Schedule text	
#groundbox	Ground Schedule image	
#glogriq	Rates text	
#glogriqbox	Rates image	
#iriq	International Rates text	
#iriqbox	International Rates image	
#airport	Airport text	
#airportbox	Airport image	
#port	Port text	
#portbox	Port image	
#time	Time text	
#timebox	Time image	

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
#currency	Currency text	
#currencybox	Currency image	
#distance	Distance text	
#distancebox	Distance image	
#logisticsguide	Logistics Guide text	
#logisticsguidebox	Logistics Guide image	
#routingrule	Routing Rule text	
#routingrulebox	Routing Rule image	
.footer1	Used on Container Optimization text	
.footer2	Used on all other text	
Calendar Classes		
.calCont	Container for the calendar	
.calMain	Encompasses the DOW row and the calendar body	
.calLine	Separator between day of week row and the calendar body	
.calTitle	Title row (Where you can choose the month, year, time, etc)	
.calDOWRow	Day of week row	
.calDOWTitle	Text for each day of week	
.calBody	Calendar body (days)	Changed in CU3
.calDay	Day	
.calDayCur	Current day	
.calDayDis	Days from the previous months	
Volume Classes		
. volCont	Container for the volume	Changed in CU3
Login Classes (Login page)		

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
.loginframe	Container for the login form	
.loginbutton	Login button	
.copyright	Copyright text	
Scroll Grid Classes (Finder Results Grid)		
.sgContainer	Grid container	
.sgContainerRow	Grid container row (used for captions)	
.sgSection	Grid section	
.sgSecBordLeft	Grid section left border	
.sgSubSection	Grid subsection	
.sgBodyRow	Grid body row	Modified in CU4
.sgTotalRow	Grid total row	
.sgTreeRow	Grid tree row	
.sgBodyRowHighlighted	Highlighted grid body row	
.sgBodyRowOdd	Grid body row (odd)	
.sgBodyRowEven	Grid body row (even)	
.sgBodyRowSelected	Selected grid body row	
.sgBodyRowHighlightedAndSelected	Highlighted and selected grid body row	
.sgBodyCol	Grid body column	Modified in CU4
.sgBodyCol2 a	Added onto sgBodyCol (changes the anchor style)	
.sgTreeCol	Tree column	
.sgBodyColFocus (and sgBodyCol:focus)	Grid body column that has focus. The former is for IE, the latter for Firefox	
.sgBodyColEdited	Grid body column that has been changed (not saved)	
.sgBodyColError	Grid body column that has an error	
.sgBodyCheckCol	Grid body checkbox column	

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
.sgBodyDurCol	Grid body duration column	New in CU4
.sgBodyNumCol	Grid body number column	New in CU4
.sgBodyUOMCol	Grid body uom column	New in CU4
.sgBodyImgCol	Gid body image column	New in CU4
.sgBodyCheck	Grid body checkbox (applied to the <input> tag)	
.sgSortAsc	Grid header ascending sort image	
.sgSortDes	Grid header descending sort image	
.sgCaptionCol	Grid caption column	
.sgCaptionColImg	Grid caption column image	Modified in CU4
.sgCaptionColImg2	Grid caption column image	
.sgFiller	Filler for empty space of grid.	
.sgFillerBotLeft	Bottom left filler for empty space of grid	
.sgFillerBotLeftTop	Bottom left top filler for empty space of grid	
.sgFillerBotRight	Bottom right filler for empty space of grid	
.sgVertScrollSpace	Grid vertical scroll	
.sgHeadRow	Grid header row	Modified in CU4
.sgHeadCol0	Grid header column for the first column in a section	
.sgHeadCol1	Grid header column for each subsequent columns	
.sgHeadColPart	Grid header column partition	
.sgHeadColVal	Grid header column value	
.sgHeadColVal2 a	Added onto sgHeadColVal (changes the anchor style)	
.sgHeadColValS	Grid header column sortable value	Changed in CU3

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
sgHeadColValHighlighted	Currently unused	
.sgHeadCheck	Grid header checkbox	
.sgImageButtonOn	Not used	
.sgDivider	Not used	
.sgEditCD	Grid editable control	
div.sgMsg	Grid message box	
Tree Control Classes		
.treeCont	Tree Container	New in CU4
.tree	Tree	Changed in CU4
.tree .wrap	Used for wrappable nodes	New in CU4
.tree .nodeInactiveL	Inactive node (text section)	New in CU4
.tree .nodeInactiveR	Inactive node (button section)	New in CU4
.tree .nodeSelectedL	Selected node (text section)	New in CU4
.tree .nodeSelectedR	Selected node (button section)	New in CU4
.tree .nodeFocused	Focused node (text only)	New in CU4
.tree .nodeFocusedL	Focused node (text section)	New in CU4
.tree .nodeFocusedR	Focused node (button section)	New in CU4
.tree .nodeDisabled	Disabled node	New in CU4
.tree .nodeCancelled	Cancelled node	New in CU4
.tree .node	Node	New in CU4

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
.tree .node pre	Preformatted node text	New in CU4
.tree .node .oc	Open / Close image container	New in CU4
.tree .node .e	Empty image container (used when no open/close image)	New in CU4
.tree .node .i	Icon container	New in CU4
.tree .node .l	Label (text) container	New in CU4
.tree .node .b	Buttons container	New in CU4
.tree .child	Child container	New in CU4
<del>.tree .treeNode</del>	<del>Node</del>	
<del>.tree .treeNodeIC</del>	<del>Node inner container</del>	New in CU3
<del>.tree .treeNodeSelected</del>	<del>Selected node</del>	Changed in CU3
<del>.tree .nodeCl</del>	<del>Closed node</del>	
<del>.tree .treeNodeIC .e</del>	<del>Empty (used when no open/close image)</del>	Removed in CU4
<del>.tree .treeNodeIC .oc</del>	<del>Open / Close</del>	Removed in CU4
<del>.tree .treeNodeIC .dataCont</del>	<del>Data container</del>	Removed in CU4
<del>.tree .treeNodeIC .buttonsCont</del>	<del>Buttons container</del>	Removed in CU4
<del>.tree .treeNodeIC .buttonsCont img</del>	<del>Buttons container image</del>	Removed in CU4
<del>.tree .treeNodeIC .dataCont .exceptionText</del>	<del>Data container exception text</del>	Removed in CU4
<del>.tree .treeNodeIC .ie</del>	<del>Image container</del>	Removed in CU4

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
.tree .st	Subtree container	Removed in CU4
.tree .opClCont		Removed in CU3
.tree .opClCont div		Removed in CU3
.tree .opClCont div.open		Removed in CU3
.tree .opClCont div.closed		Removed in CU3
.tree .dataCont		Removed in CU3
.tree .dataCont a		Removed in CU3
.tree .dataCont .buttonsCont		Removed in CU3
.tree .dataCont pre		Removed in CU3
.tree .imgCont		Removed in CU3
Simple Tree 2 Control Classes (used for trees without any other decorations)		
.simTreeCont	Tree container	New in CU4
.simTree	Tree	Modified in CU4
.simTree ul	Tree / Subtree node container	New in CU3
.simTree li	Node	Modified in CU4
.simTree .nodeSelected	Selected node	New in CU4
.simTree .nodeFocused	Focused node	New in CU4
.simTree li pre	Preformatted node text	New in CU4

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
.simTree .nodeCl	Closed node	New in CU3
Simple Tree 2 Control Classes (used for trees without any decorations other than list styles)		
.simTree2Cont	Tree container	New in CU4
.simTree2	Tree	Modified in CU4
.simTree2 ul	Tree / Subtree container	New in CU3
.simTree2 li	Node	Modified in CU4
.simTree2.nodeSelected	Selected node	New in CU4
.simTree2.nodeFocused	Focused node	New in CU4
.simTree2 li pre	Preformatted node text	New in CU4
.simTree2 .nodeCl	Closed node	New in CU3
.draggable	Drag container	New in CU4
<del>.dragCont</del>	<del>Drag container</del>	Removed in CU4
Legacy Tree Control Classes		
#divFoldCont	Tree container	
.clFold	Container for the links	
.clFoldSub	Container for sublinks	
.clFoldSub2	Container for end links	
.clFoldLinks	Top level links	
.clFoldLinks .disabled	Disabled top level links	New in CU4
.clSubLinks	Second level links	

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
. clSubLinks .disabled	Disabled second level links	New in CU4
.clSubLinks2	End links	
. clSubLinks2 .disabled	Disabled end level links	New in CU4
.clSubLinks3	Not used	
.clsExpNode	UIC reference number/remarks. (not sure exactly what this does)	
<b>Button Classes</b>		
.buttonsCont	Container for a group of buttons	
.buttonCont	Container for a button	
.submitButtonBoxEnable	Enabled submit button	
.submitButtonEnable	Combined with submitButtonBoxEnable	
.buttonCont .enButton	Enabled button	
.buttonCont .enButton a	Enabled button anchor (the text)	
.buttonCont .disButton	Disabled button	
.buttonCont .disButton a	Disabled button anchor (the text)	
<b>Pop-in Classes (includes features such as Mass Update, Configure Results, Action Menu, <del>Smart Links</del>)</b>		
<del>.popinFrame</del>	<del>Frame Container</del>	Removed in CU4
<del>.popinBody</del>	<del>Frame Body</del>	Removed in CU4
<del>.popinTitleBar</del>	<del>Title bar</del>	Removed in CU4
<del>.popinTitle</del>	<del>Title</del>	Removed in CU4
<del>.popinContent</del>	<del>Content</del>	Removed in CU4
<del>#popinHelp</del>	<del>Help button</del>	Removed in CU4

<b>Class Name / Tag Name</b>	<b>Description</b>	<b>Notes</b>
<del>#popinClose</del>	<del>Close button</del>	Removed in CU4
Context Menu Classes (includes Smart Links and other context menus)		
.contextMenu	Menu Container	Modified in CU4
<del>.contextMenuTitleBar</del>	<del>Title Bar</del>	Removed in CU4
<del>.contextMenuTitle</del>	<del>Title</del>	Removed in CU4
.contextMenuContent	Content	Modified in CU4
.contextMenuContent ,menuTree	Tree within the context menu	New in CU4
IWindow classes (replaces the pop-in classes. Used for internal windows such as Mass Update, Configure Results, Action Menu, Smart Links, etc)		
.iWin	Window container	New in CU4
.iWinFrame	Window container (for use of <iframe>'s)	New in CU4
.iWinFrameBody	Window body (for use of <iframe>'s)	New in CU4
.iWinHeader	Window header container	New in CU4
.iWinTitle	Window title container	New in CU4
.iWinContent	Window content	New in CU4
.iWinContentFit	Window content (window resizes to fit the content)	New in CU4
.iWinFooter	Window footer container	New in CU4
.iWinHelp	Window help	New in CU4
.iWinClose	Window close	New in CU4

Class Name / Tag Name	Description	Notes

## XSL for Themes and Image Examples

### themesgc3.xsl

You can find an image name and location the following ways:

1. Get the image source
  - In Internet Explorer, right-click on the image and choose Properties. In the resultant dialog box, the image location is in the Address field.
  - In Firefox, right-click on the image and choose Properties. In the resultant dialog box, the image location in the Location field.
2. To get the xsl variable name, get the image name from the source and search for it in the /xsl/themes/<theme name>/<image name>. E.g., if the image source is [http://www.oracle.com/images/themes/themesswanblue/sm\\_l.gif](http://www.oracle.com/images/themes/themesswanblue/sm_l.gif), then the <theme name> is themesswanblue and the image name is sm\_l.gif.

Some of the images may be defined in the .css file. The easiest way to find these images is to go into the images directory using Windows Explorer, change the view type to Thumbnails, and search for the image. If you are not using Windows, then the easiest way is to determine which .css class is being used and look for it within the .css file.



## 5. Branding Other Parts of Oracle Transportation Management

### Reports

Oracle Transportation Management comes with a set of pre-defined reports. They all contain an Oracle Transportation Management logo. To exchange the logo that appears on all reports that ship with Oracle Transportation Management, follow these steps:

1. Log on to your report server.
2. CD to the directory holding your reports.
3. Exchange `report_logo.gif` with your own file.

**Note:** The file name must remain the same.

If you need to customize reports that appear in Oracle Transportation Management, look for Create User-Defined Reports in Oracle Transportation Management online help.

### Emails

All emails contain an Oracle Transportation Management logo. If all you want to do is change the logo that appears in all these emails, follow these steps:

1. Copy your new logo to your Oracle Transportation Management Web Server under `<otm_install_dir>/apache/htdocs/images/mail`.
2. Open your `glog.appserver.properties` file for editing.
3. Add the property `glog.mail.logo.filename=<logoFileName.gif>`.
4. Add the property `glog.mail.logo.height=<height of image in pixels>`. Oracle Transportation Management stretches you image to this height.
5. Add the property `glog.mail.logo.width=<width of image in pixels>`. Oracle Transportation Management stretches you image to this width.

**Note:** You might want to keep your new logo at the same or similar size as the original Oracle Transportation Management logo of 96 pixels wide x 62 pixels high.

Your changes take effect the next time you restart Oracle Transportation Management.



## 6. Images

You may choose to add your own images, or use the **Adobe Photoshop** image templates to create images that fit accurately into the size and shape of the application. Adobe Photoshop files are located in the following directory on your Oracle Transportation Management Web Server:

`<otm_install_dir>/install/branding/psd/.`

### Updating Images within Themes

To update images within themes:

1. Save the image to the theme's image subdirectory (for example, `/images/{clientID or clientID/subdirectory}/themes/themesmycompany/`).

Update the path to the images directory within the `themesmycompany.xml` document (for example, `<xsl:variable name="butleft_img"><xsl:value-of select="$glogUrlPrefix"/>/images/<xsl:value-of select="$clientDirectory"/>themes/themesmycompany/arrowright.gif</xsl:variable>`)



## 7. Re-branding

When Oracle releases a software patch, you must download the patch and apply it to the appropriate site.

**Note:** This process updates Oracle Transportation Management, but replaces client-branded files (that are not controlled by User Preference – Stylesheet Location) with the standard Oracle Transportation Management files. Therefore, you must upload your branded/re-branded files to the site after the patch is applied. This applies to the login.xsl, logout.xsl and report\_logo.gif.

You may want to create a sub-directory to copy your branded files to before the patch application. Once the patch is applied, you can quickly re-apply the branded files to the newly patched application.

### FTP Instructions

1. FTP to your URL (for example, gc3-XX.oracle.com – where XX is your company's ID) using any FTP client.
2. Log onto Oracle Transportation Management as glogXX. (Replace XX with your company's ID.)
3. Enter your password. This places you in the Web server directory.
4. Type "cd htdocs", then press Enter to change directories and access the webroot directory where the Web files exist.
5. Replace/update the files necessary for your branding.

Once a file is uploaded to the Web server, the changes will take effect immediately.



## 8. Branding Fusion Transportation Intelligence

Fusion Transportation Intelligence (FTI) uses the add-on component of Oracle Business Intelligence Enterprise Edition (OBI EE). Additional branding is needed on the OBI EE side to get a similar look and feel as that of branded Oracle Transportation Management.

For branding OBI EE, users must consult the OBI EE manual.

**Note:** Oracle Transportation Management's Swan branding is also OBI EE's default. If you stay with Oracle Transportation Management Swan, no additional changes are needed on OBI EE.



## 9. Appendix A - Additional Resources

### XML Resources

- WC3 XML Page (<http://www.w3.org/XML/>)
- XML.com (<http://www.xml.com>)
- The XML FAQ (<http://www.ucc.ie/xml/>)

### XSL Resources

- W3C XSL Page (<http://www.w3.org/Style/XSL/>)
- XSL (from XML 101) (<http://www.xml101.com/xsl/>)

### CSS Resources

- Cascading Style Sheets, Level 2 (<http://www.w3.org/TR/REC-CSS2>)
- Introduction to CSS2 (<http://www.w3.org/TR/REC-CSS2/intro.html>)
- CSS2 Reference ([http://www.w3schools.com/css/css\\_reference.asp](http://www.w3schools.com/css/css_reference.asp))

