

Emerald

CSS and Themes
Version 1.1



Emerald Management Suite
IEA Software, Inc.

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Introduction

Emerald V5 uses Cascading Style Sheets (CSS) to allow customization of the look and feel of the web interface. By using CSS with themes, you can modify the look and feel of Emerald easily and in a way that software upgrades will not be affected.

Creating a Theme

There are two parts to a theme. The first is the name of the theme. In the Emerald Admin, Web Interfaces, Themes, click Add Theme and name your theme. It is recommended that you use a single word for the theme and remember that the theme name **MUST** be an allowed directory name in your operator system.

Once your theme is created, you must also define matches, in one of two ways. The first is by explicitly assigned an operator to a theme. This is typically only useful for the signup server process and not generally recommended. The most widely used matching is match filters and specifically host headers or virtual web hosting. By setting the type to "Host Header/Domain", you can specify a host header match in the data field. Anytime a user goes to that website (assuming proper DNS is setup and pointing to your Emerald server) the user will assigned the corresponding theme. This allows you to virtualize Emerald in a wholesale or reseller environment, so that each theme can be integrated into an existing web presence.



The second part of themes is the directory itself. All themes will in the Web\Themes folder where you installed Emerald to. Therefore, if you called your theme "test", make a folder web\themes\test. When Emerald looks for a file (ie, CSS, graphic, ews script) it will first look in your theme folder. If the file does not exist in your theme folder, it will then look in the default theme folder.

When you upgrade Emerald, the themes/default folder contents will ***ALWAYS*** be updated. For this reason, do not copy all of the contents of the default folder to your new theme, but rather only copy files that you actually modify to your theme folder. Additionally, never modify or update files in the default theme folder, as you will loose those changes when you update Emerald.

Modifying a CSS file

There are four CSS files per theme:

css_main.css	Main CSS file for operators
css_main_custom.css	Custom Main CSS file for operators
css_cust.css	Main CSS file for Customer care and Signup
css_cust_custom.css	Customer CSS file for Customer Care and Signup

In most cases you would **ONLY** create a custom CSS file in your theme and include updated sections in the custom file. Emerald will always load **BOTH** CSS files, with the custom CSS last. When multiple CSS files are used by a web browser (in this case css_main.css and css_main_custom.css) the last setting or definitions is used.

Changing the Background Image

If you copy the following four lines to your web\themes\themename\css_main_custom.css file it will remove the default marble image:

```
BODY
{
    background: #fff;
}
```

Remember, by adding any section in the _custom.css file, it will override the same section from the non-custom file. IEA Software regularly updates the css_main.css file in updates, and this will allow those updates to your system while maintaining your customizations.

Custom Files

There are many files in the default theme folder you can copy into your theme folder and customize. Please remember that you should NOT copy all files from the default theme folder, but rather just the ones that you want to customize.

The Custom files are broken down into four groups, Generic, User, Customer Care and Signup.

Generic Files

The Generic files control the login screen and custom headers for the operator and admin parts of Emerald.

- ? _login.ews
- ? custom_admin_header.ews
- ? custom_main_header.ews

The user files allow customization of user management, including the Master Billing Record, Package, and Service. The header file is displayed in the header section while editing that specific section of a user. The aftermenu file is displayed after the mbr/pkg/sa set of button menus and typically allow you to add additional buttons or functionality while managing that specific section of a user. The edit and save files are used to add additional form fields during the add/edit actions and then save or process those additional fields.

- ? custom_mbr_aftermenu.ews
- ? custom_mbr_edit.ews
- ? custom_mbr_header.ews
- ? custom_mbr_save.ews

- ? custom_pkg_aftermenu.ews
- ? custom_pkg_edit.ews
- ? custom_pkg_header.ews
- ? custom_pkg_save.ews

- ? custom_sa_aftermenu.ews
- ? custom_sa_edit.ews
- ? custom_sa_header.ews
- ? custom_sa_save.ews

The Customer Care files allow you to customize the basic look and feel of the account center. The header and footer are displayed on all pages. The status is displayed on the status page, and the cc is displayed when the user is updating their credit card information.

- ? custom_cust_footer.ews
- ? custom_cust_header.ews
- ? custom_cust_status.ews
- ? custom_cust_cc.ews

The signup files are used to customize the signup process. The header and footer files are displayed at the top and bottom of each page, respectively. The contact, pay and cc are used to customize those steps of the signup process.

- ? custom_signup_header.ews
- ? custom_signup_footer.ews
- ? custom_signup_contact.ews
- ? custom_signup_pay.ews
- ? custom_signup_cc.ews