

Honey Badgers Inc CMS Project



FantomCMS

(Content Management System)

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The project: Create a web content management system that

- Uses the Fantom programming language
- Supports single page application design

Things we learned

- The Fantom language
- The scrum process

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Things that worked well for us

- Working in the group room (Tree House)
- Team building activities

Stuff that we had trouble with

- Time management (or lack thereof)

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Tasks we completed

- Full backend infrastructure for the system
- A state model that allows for easy navigation using the single page application paradigm
- A working database
- A Themes app that controls how the entire site is laid out and what colors and patterns are shown
- A users app that controls who has access to which apps
- A pages app that displays pages that have been statically stored in the database

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Tasks we completed (continued)

- A homepage that displays the available apps
- A gallery app that displays images
- An Audio app that can play music from the database

And now, we present the UI of the CMS!

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Fantom CMS

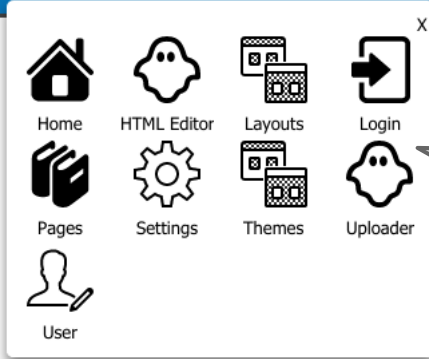
Home page where all the apps are displayed



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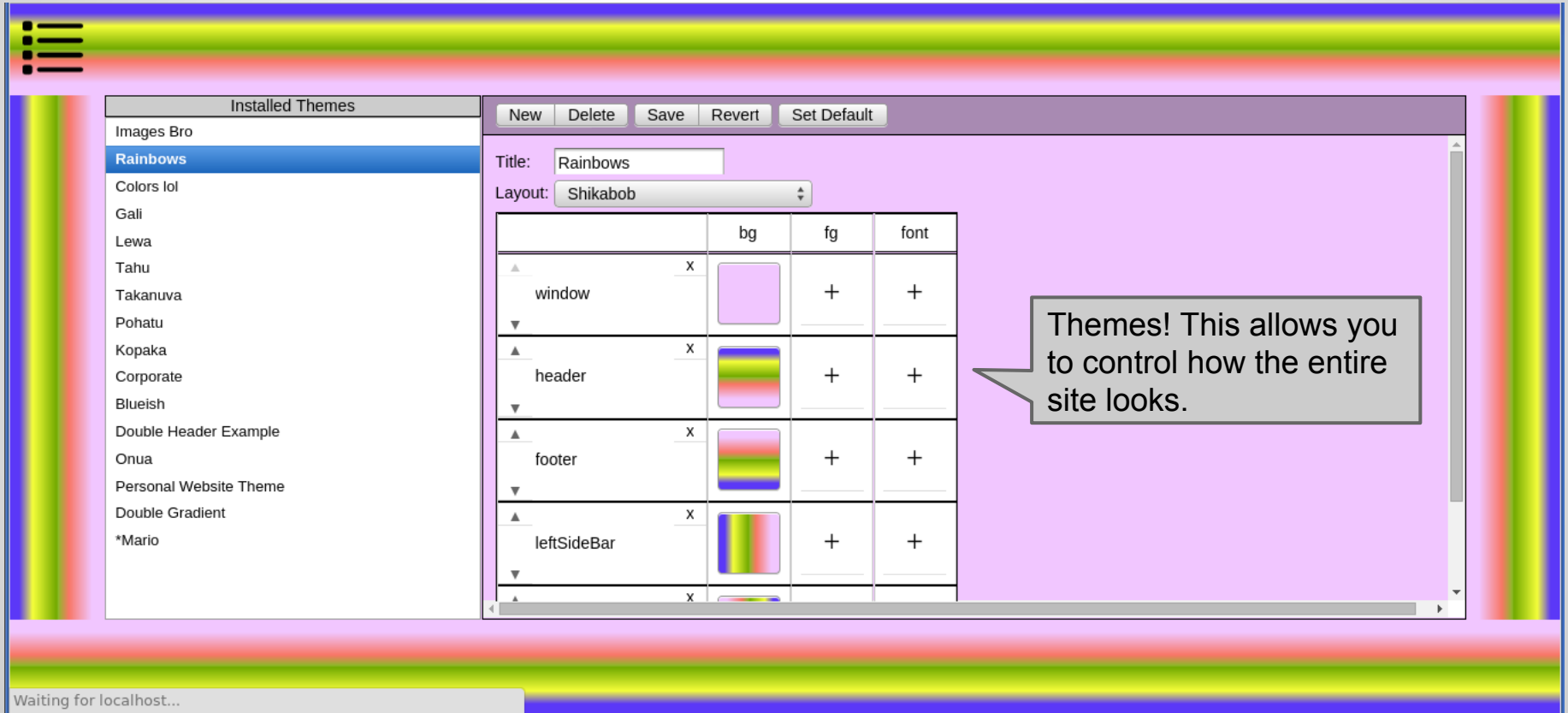
Fantom CMS



Menu which is visible on every page.



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Installed Themes

- Images Bro
- Rainbows**
- Colors lol
- Gali
- Lewa
- Tahu
- Takanuva
- Pohatu
- Kopaka
- Corporate
- Blueish
- Double Header Example
- Onua
- Personal Website Theme
- Double Gradient
- *Mario

New Delete Save Revert Set Default

Title: Rainbows

Layout: Shikabob

| | bg | fg | font |
|-----------------|-----------------------------------------------------------------------------------|----|------|
| ▲ window X |  | + | + |
| ▼ | | | |
| ▲ header X |  | + | + |
| ▼ | | | |
| ▲ footer X |  | + | + |
| ▼ | | | |
| ▲ leftSideBar X |  | + | + |
| ▼ | | | |
| ▲ X |  | | |
| ▼ | | | |

Themes! This allows you to control how the entire site looks.

Waiting for localhost...

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Login bar. Without logging in you have access to a limited number of apps



Welcome, admin! (logout)

Home

Pages

Gallery

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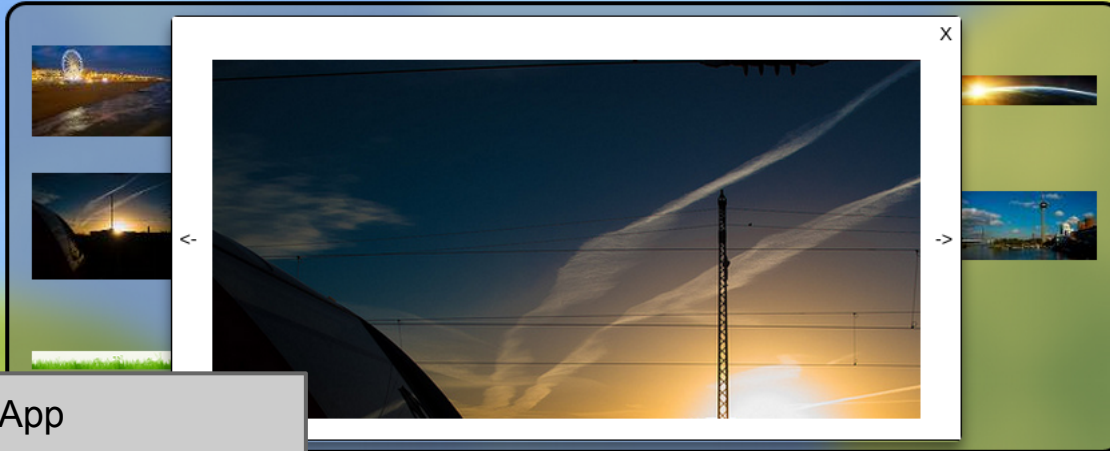


Welcome, admin! (logout)

Home

Pages

Gallery



Gallery App

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Welcome to Pages!

We got a lot in store for you so stay tuned!

Groooooovy colors maaaaaan

Jono's Page

Jono's Other Page

Cole's Page

Isaac's Page

Josh's Page

Audio Test Page

Pages. Here sample pages are loaded from the database

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Fantom CMS

Database

Server

| | |
|-------------|----------------------------------------------------------------------------|
| Host | <input type="text" value="162.243.155.57"/> |
| Port Number | <input type="text" value="27017"/> |
| User Name | <input type="text"/> |
| Password | <input type="password" value="....."/> |
| Database | <input type="text" value="fantomcms"/> |
| | <input type="button" value="Cancel"/> <input type="button" value="Apply"/> |

Database settings

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Fantom CMS

Database

Server

Port Number

Web Server Title

Server settings

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Onua
Double Gradient
*Mario

Title:


Layout:

Select a theme or create a new one!

Layouts

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Fantom CMS

Manage Users

Manage User Groups

Manage Users

guest
admin

User management page


Add User

Remove User

Edit User

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Fantom CMS

Manage Users

Manage User Groups

Manage User Groups

admin

guest

User groups page

Add Group

Remove Group

Edit Group

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Questions?