

# JBoss Reference Series: Tutorials



E N T E R P R I S E P O R T A L  
P L A T F O R M 5  
H A N D S - O N L A B

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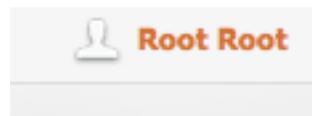
# Creating a Portal Instance, Page and Adding Portlets / Gadgets

## Logging In

In EPP 5, in order for a new administrator to test portal functionality easily, the portal provided several ids that you can log in as. For the purposed of this lab, we are going to log in as root, but there are several other “Quick Login Links” available that you should take the time to review. Notice at the bottom of the page there is a set of buttons:



Click on the “Administrator” Button and you will notice that it will automatically log you in as root. You can tell this by looking in the upper right hand corner to see you login id.



## Administrative Navigation

At the top of the portal, you will now see a new navigation bar. This bar is customized by the user who has logged in and is based on the permissions associated with that user.

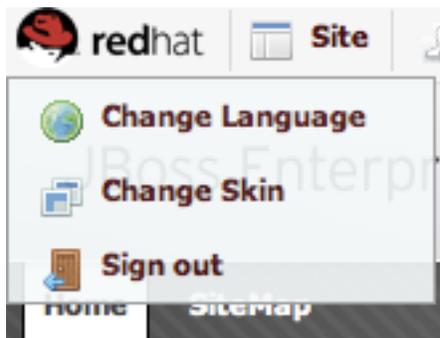


Let's take a look at each one.

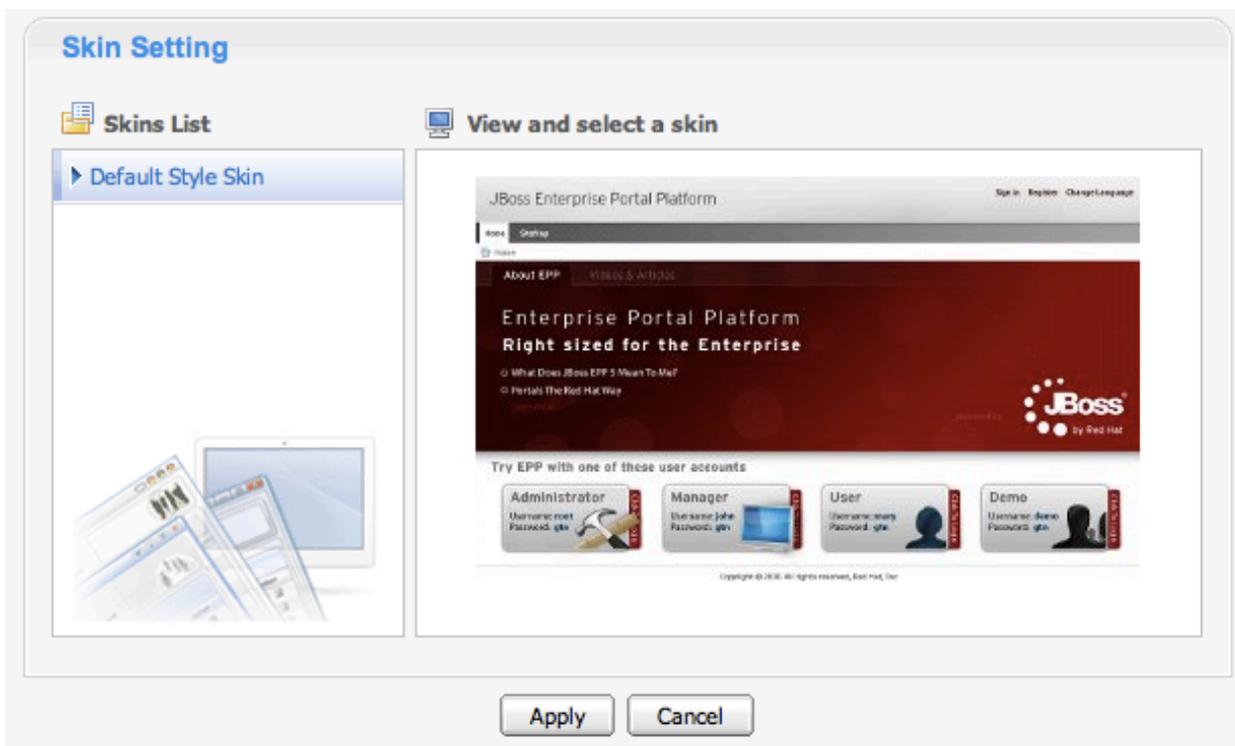
The Red Hat Logo provides a drop-down menu upon hovering (do not click), that displays several options. The first is the internationalization support. There are multiple

languages supported for the portal, out-of-the-box. Feel free to change the language and switch it back to see how this functionality works. The language will only change for EPP provided resources. For your own content you will need to add the appropriate resources bundles to the portal.

[http://www.redhat.com/docs/en-US/JBoss\\_Enterprise\\_Portal\\_Platform/5.0.0/html/Reference\\_Guide/chap-Reference\\_Guide-Internationalization\\_Configuration.html](http://www.redhat.com/docs/en-US/JBoss_Enterprise_Portal_Platform/5.0.0/html/Reference_Guide/chap-Reference_Guide-Internationalization_Configuration.html)

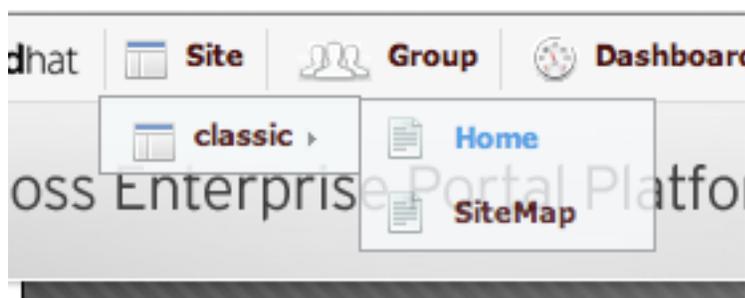


Changing the Skin will allow you to switch between skins that you have installed for the portal.

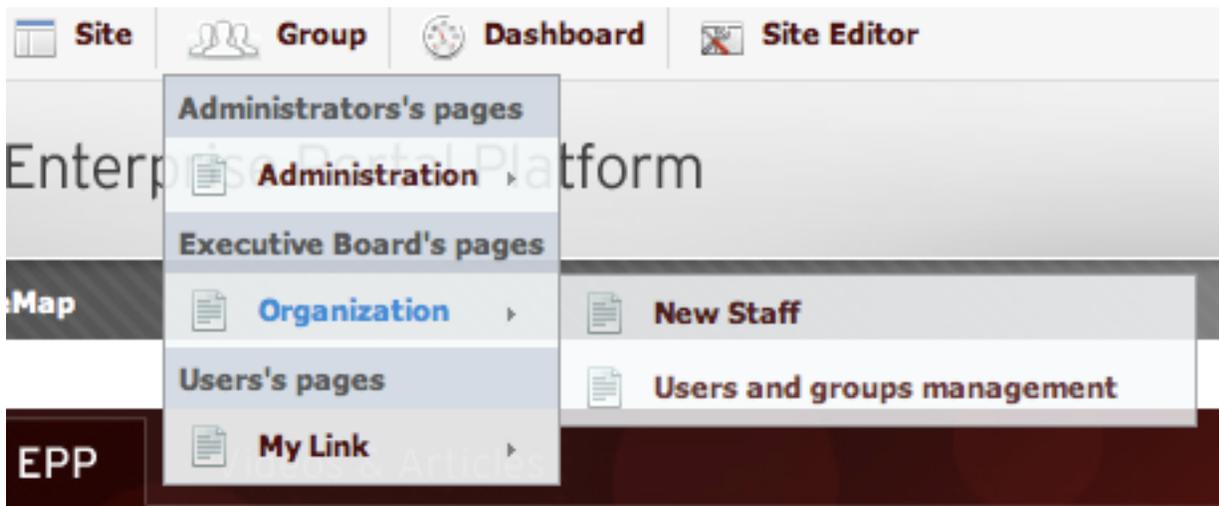
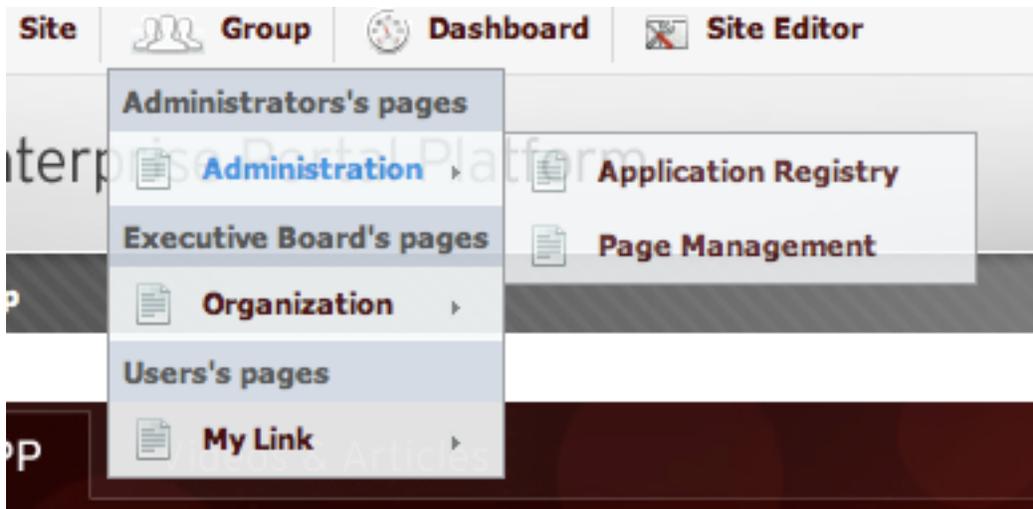


Sign Out will allow you to end your session with the portal.

Next we have Site Management. This is where you can create new virtual instances of the portal and edit the navigation and hierarchies of each portal instance.



The next menu item is Group Management, which contains many of the Administrative Tools for the portal such as the Application Registry, user and group management and page management.

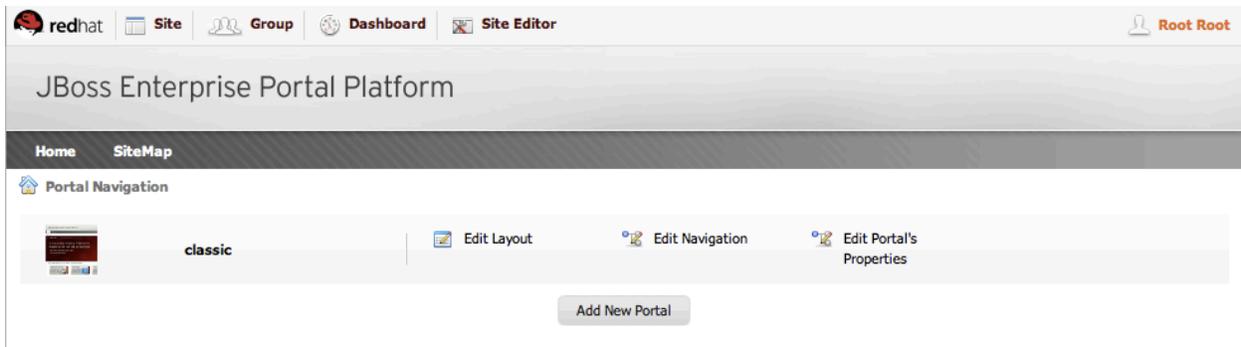


## Creating a New Portal Instance

Lets create a new portal instance. Select site from the navigation menu. Actually click on the word "Site"



This will bring you to the site management page.

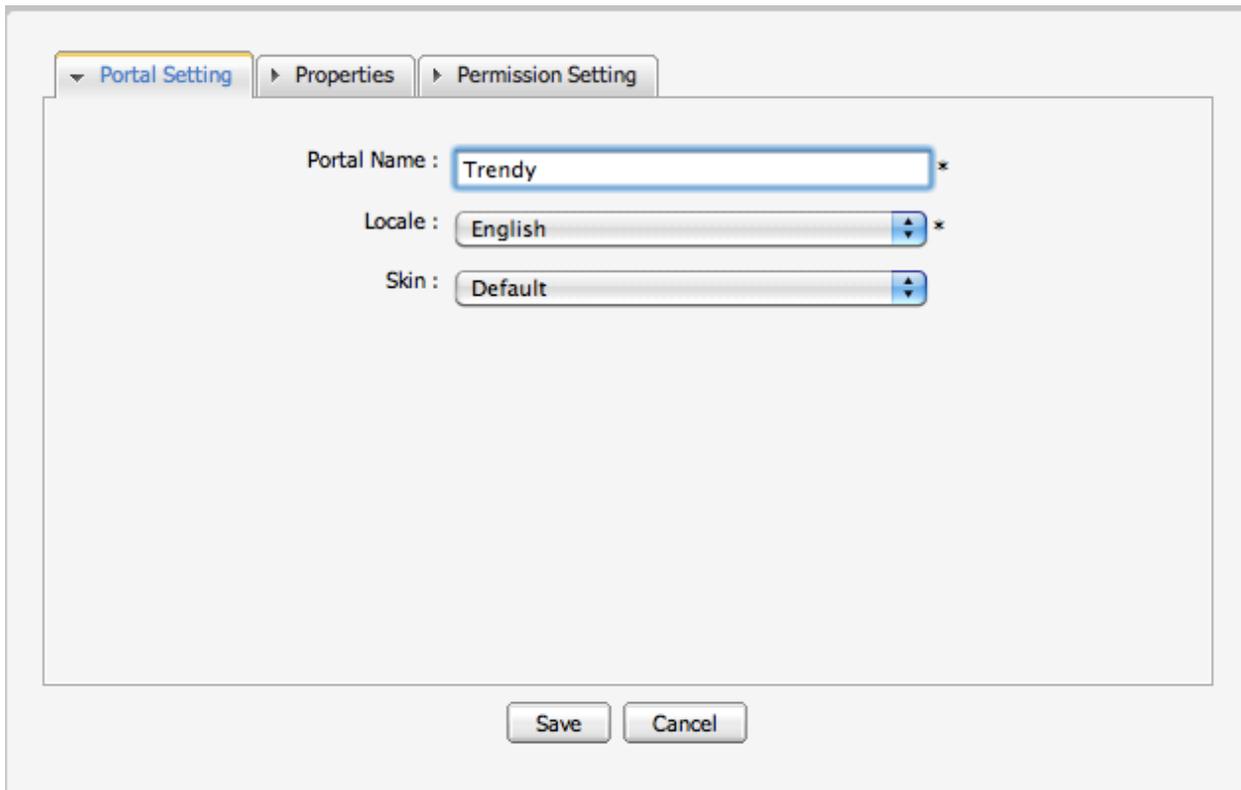


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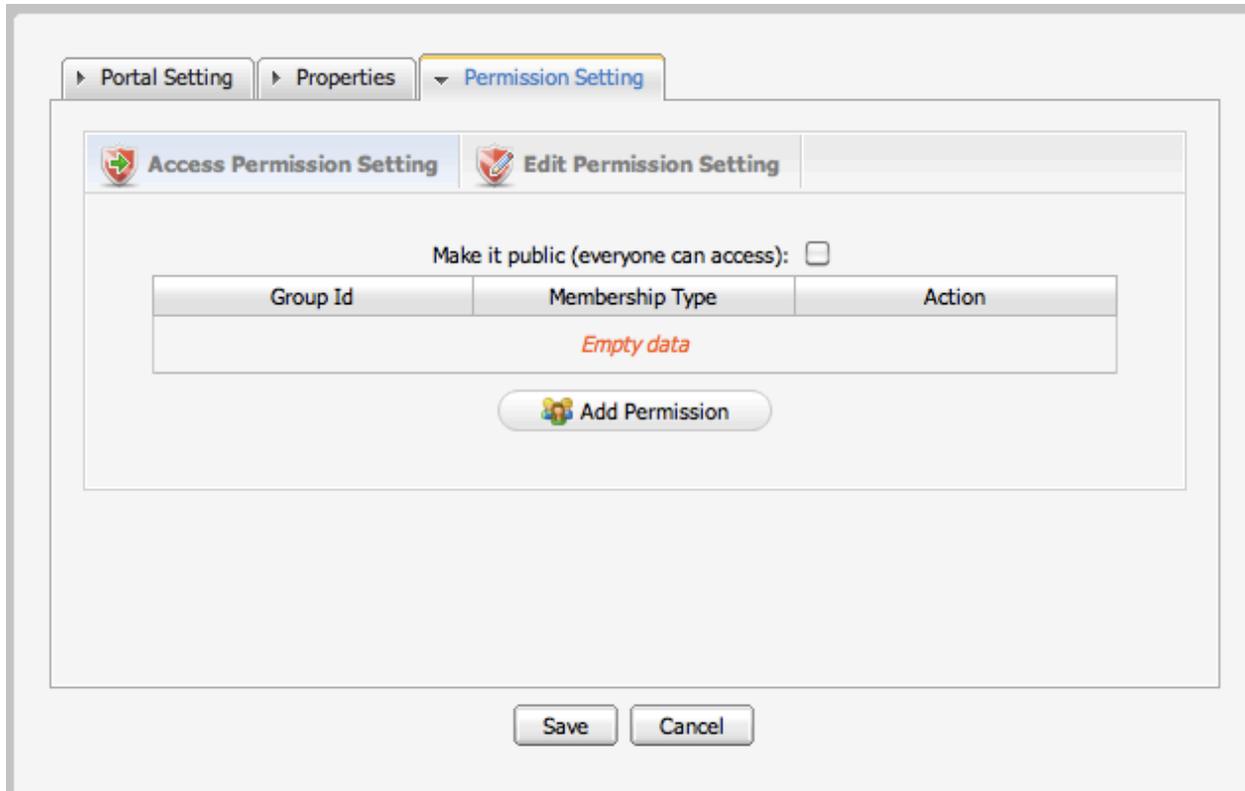
Select the button to add a new portal.



This brings you to a wizard that will walk you through creating a new virtual portal instance. In the Portal Name field, type in a portal name of your choice. For Example Trendy.

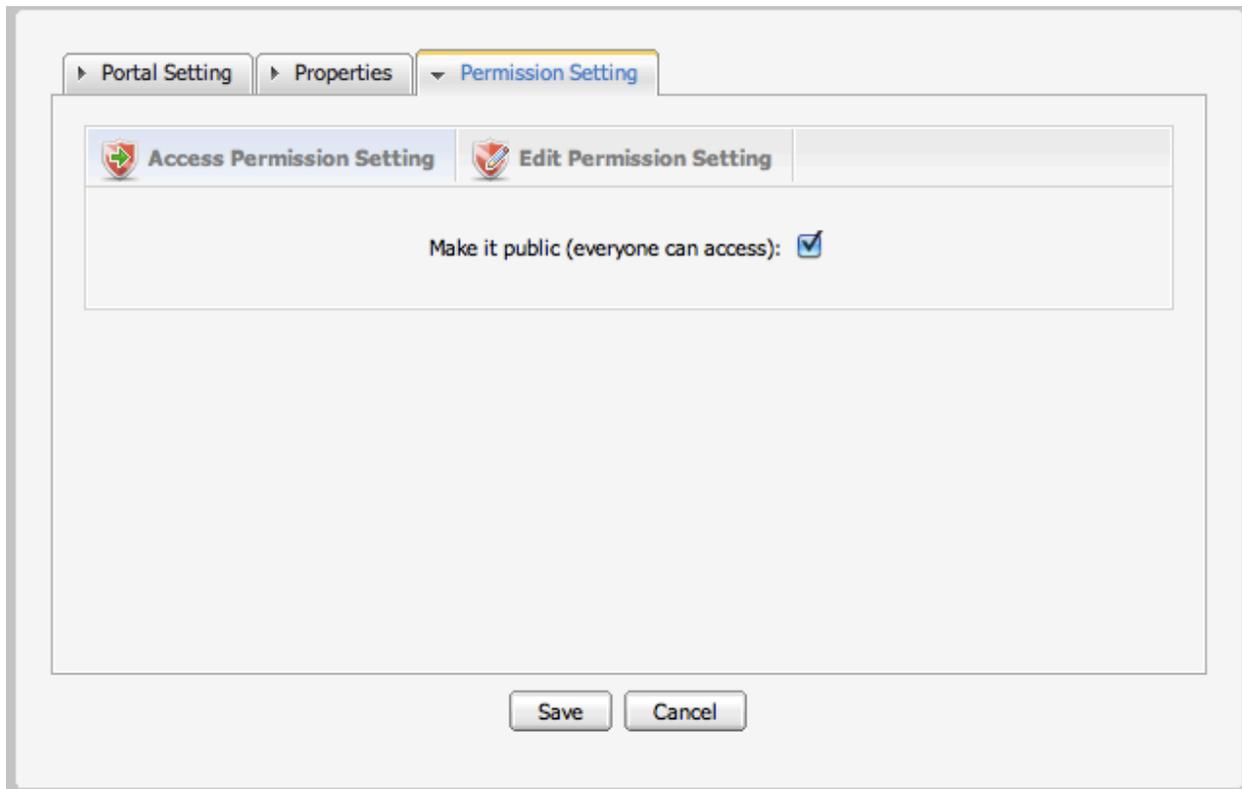


Lets decide who can access this portal and who can edit it. Select the Permissions Settings Tab.

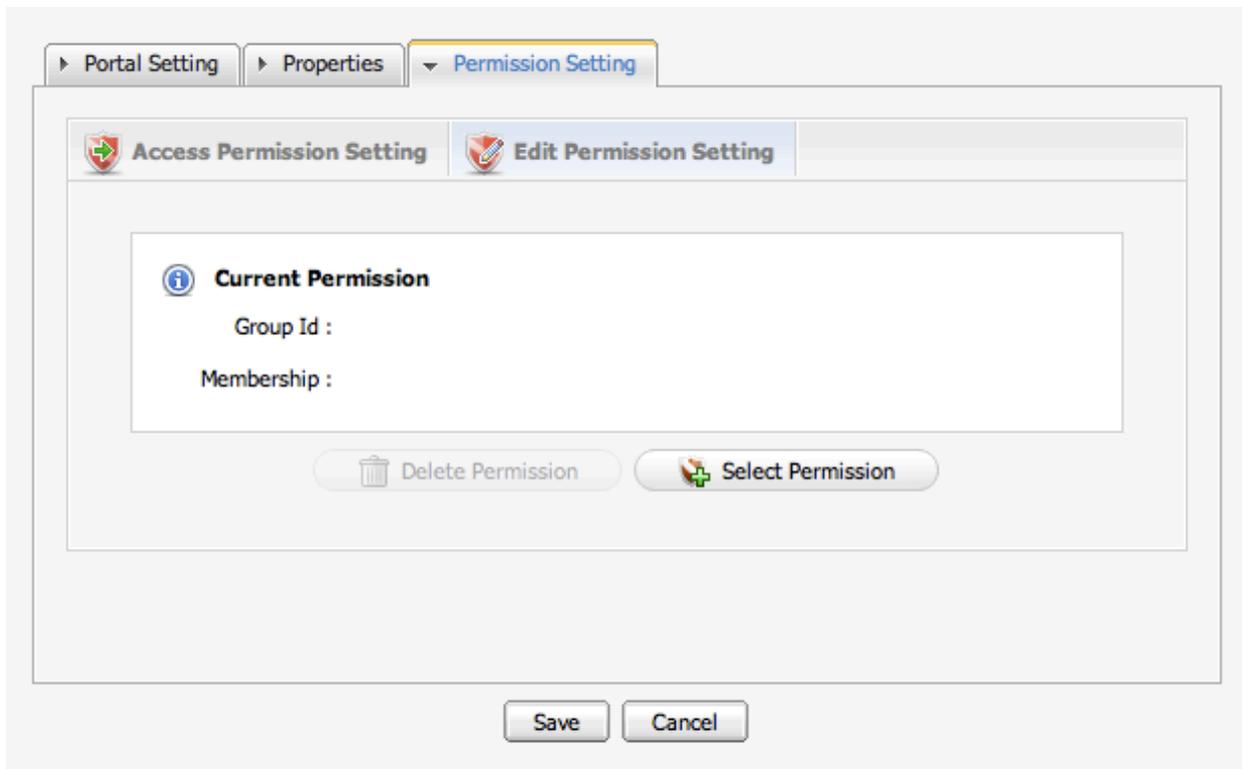


You will notice that the “Access Permission Setting” is highlighted, indicating the tab you are on. This setting controls who will have the ability to see the portal and navigate

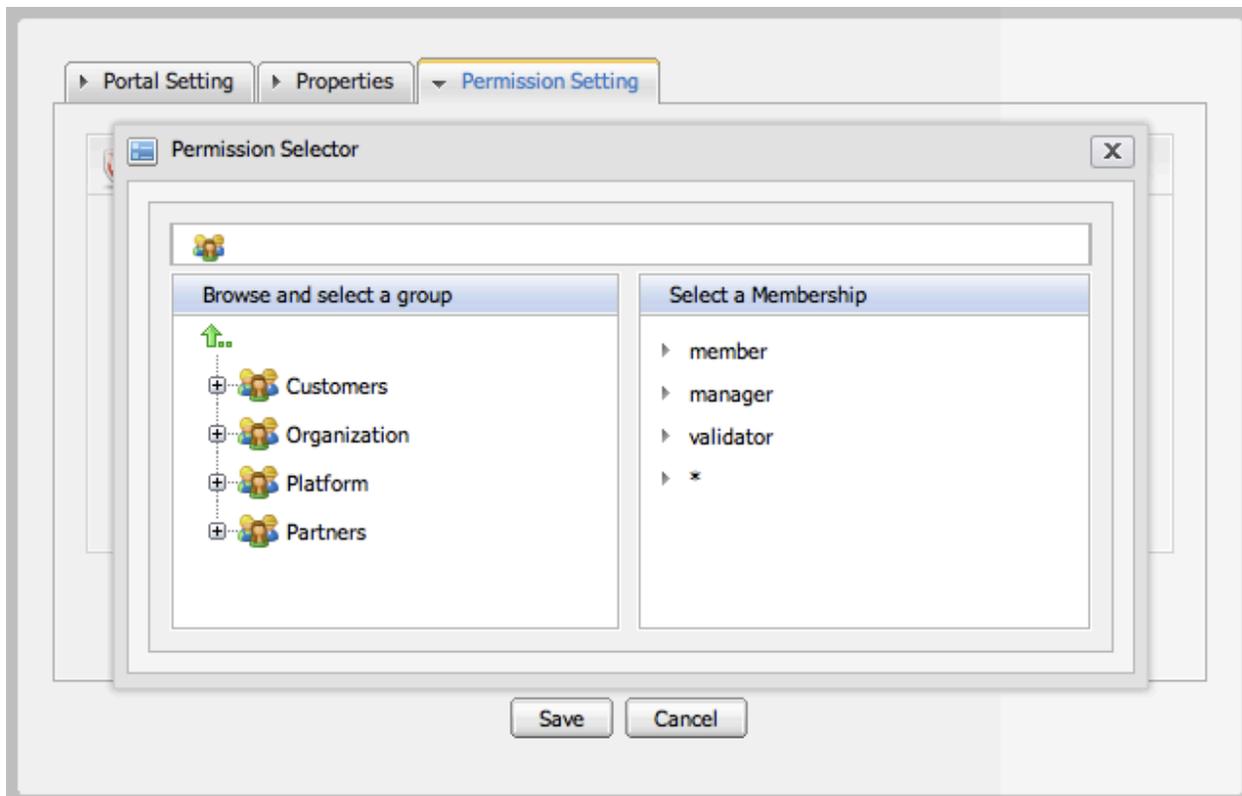
to the portal home page. Select the checkbox next to “Make it public (everyone can access):”



Next select the “Edit Permission Setting” to select who can edit the new portal instance.

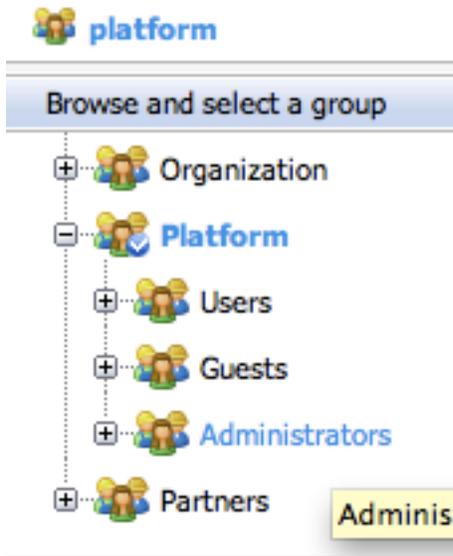


On this tab we will select the specific users or group of users that we want to be able to changes and edits to the portal that we are creating. Click on “Select Permission. You will see the following dialog appear:

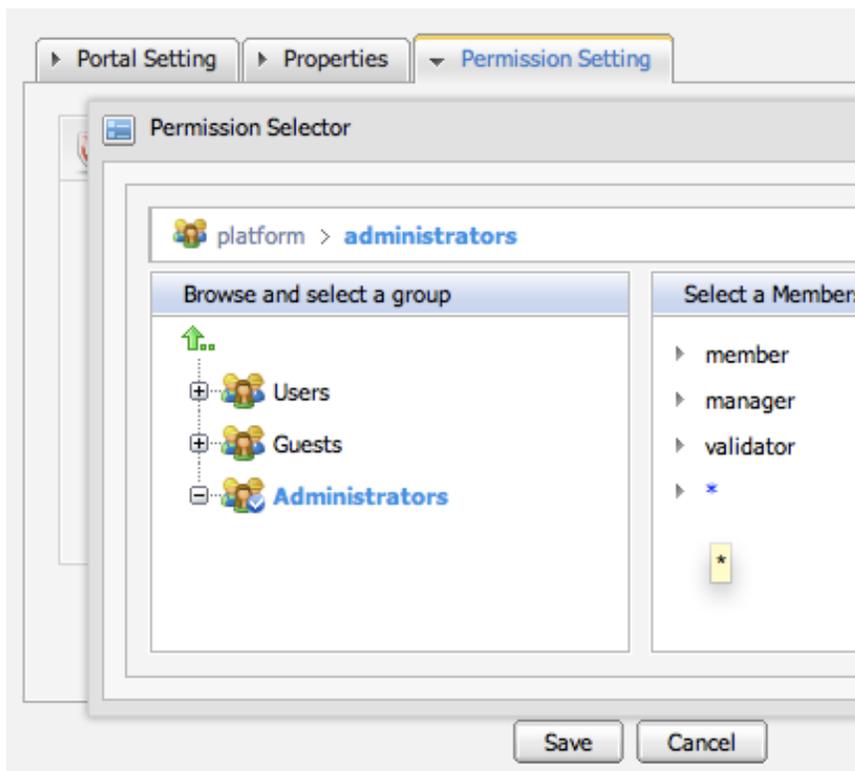


For the purposes of this lab we are going to select to have Platform Administrators be the editors of this portal, but realize that this list would be coming from the IDM (Identity Management) registry that you will have configured. This would typically be an LDAP or ActiveDirectory server. So this list could be very long and have all the users and groups within your organization.

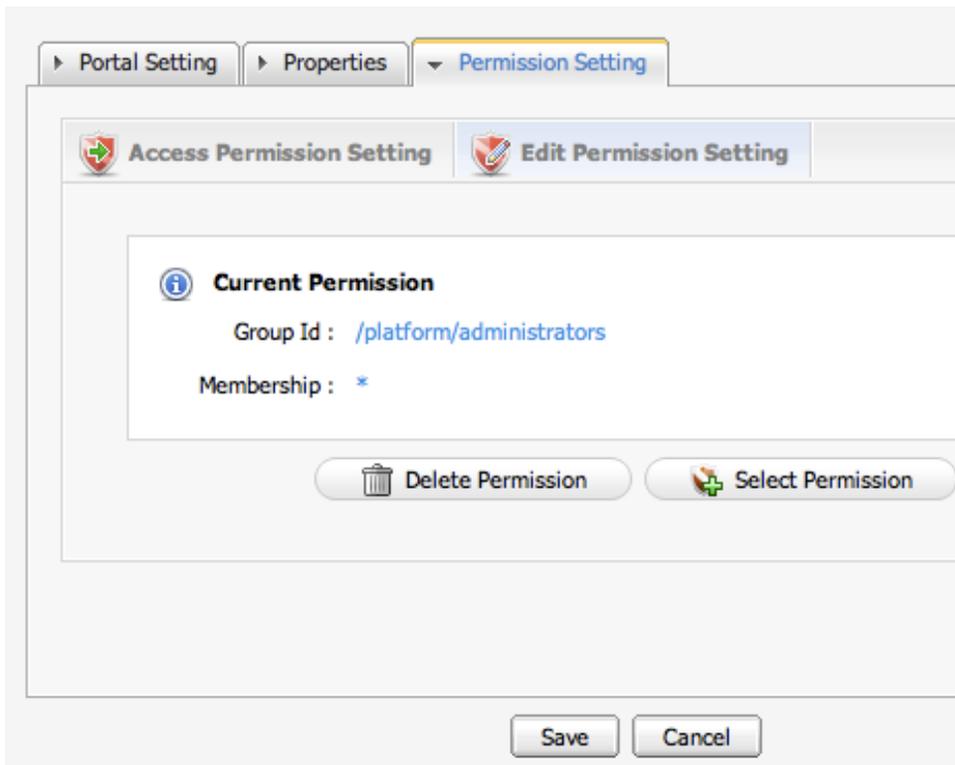
Select Platform from the “Browse and Select a Group” section, then select Administrators.



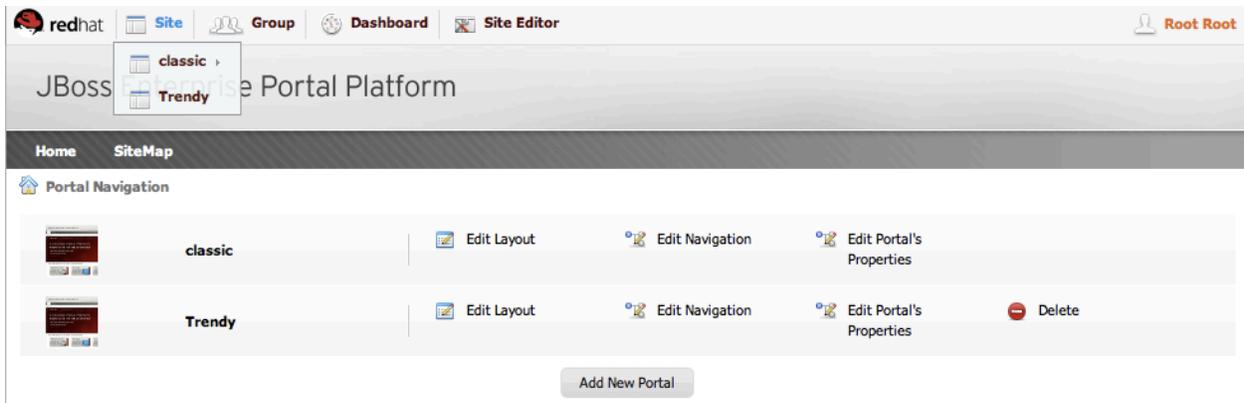
Finally, select “\*” to select all members of this group regardless of membership level.



As soon as you select the "\*" it will save that setting and show you the follow screen:



Select "Save" to create your new virtual portal instance. You should now see your portal in the Site list, both on the page and in the navigation bar.



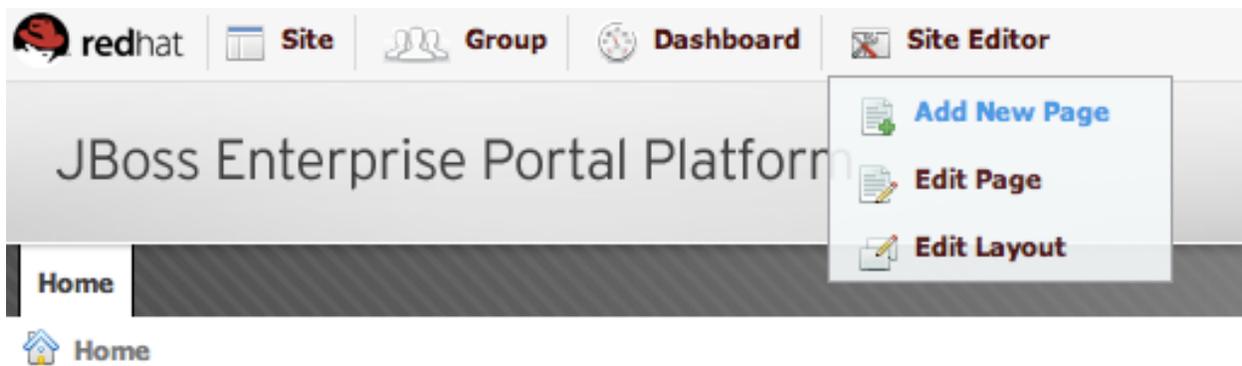
## Adding a Page to the New Instance

Now that we have created a portal instance, lets add a new page using the Site Editor. Go to the navigation bar at the top, hover over site until a dropdown list of sites appear. Then select our new portal from the list. For example “Trendy”.

You will be able to tell what portal you are connected to by examining the URL. You will notice your new portal name in the URL.

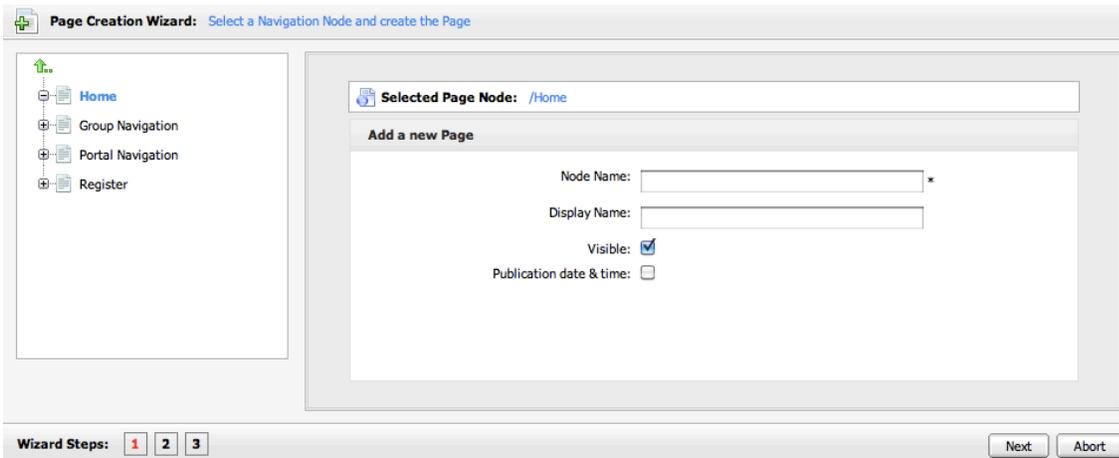
<http://localhost:8080/portal/private/Trendy/>

To create a new page, hover over site editor and select “Create a New Page”

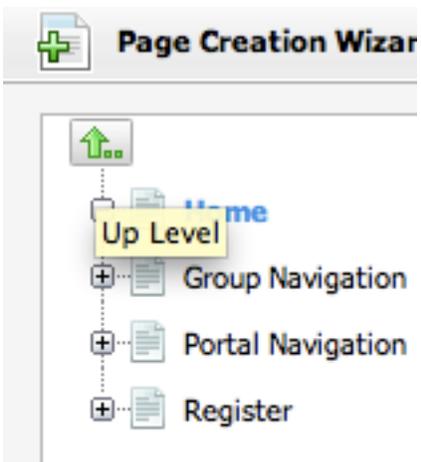


This will take you to the “Add New Page Wizard” which is a 3 step wizard that will allow you to create a page, choose where in the navigation it goes, choose a layout and add content to the page.

Let's take a look at the first 2 steps. First select where you want the new page to go. By default, because I was on the Home page when I chose the Site Editor, it will place this new page as a sub-page to the home page. We do not want this. We want this page to be at the same navigational level as the home page.

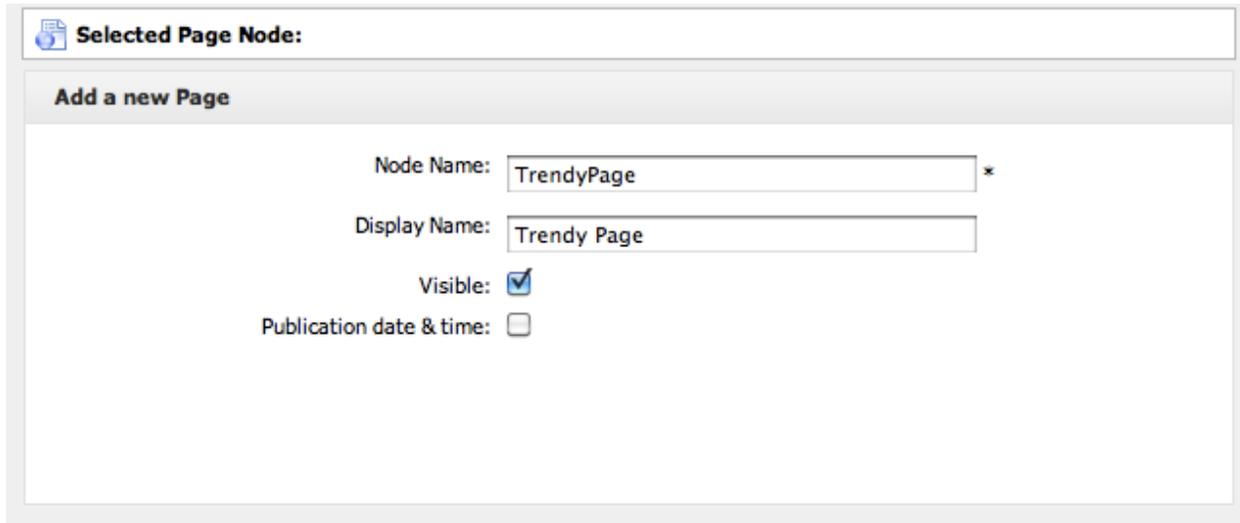


Select the green arrow just above the Home element to shift the navigation of this new node to be at the same level as Home.



Give your new page a name. the Node name is the name that will uniquely identify this resource in the JCR or Java Content Repository. The Display Name will be what is dis-

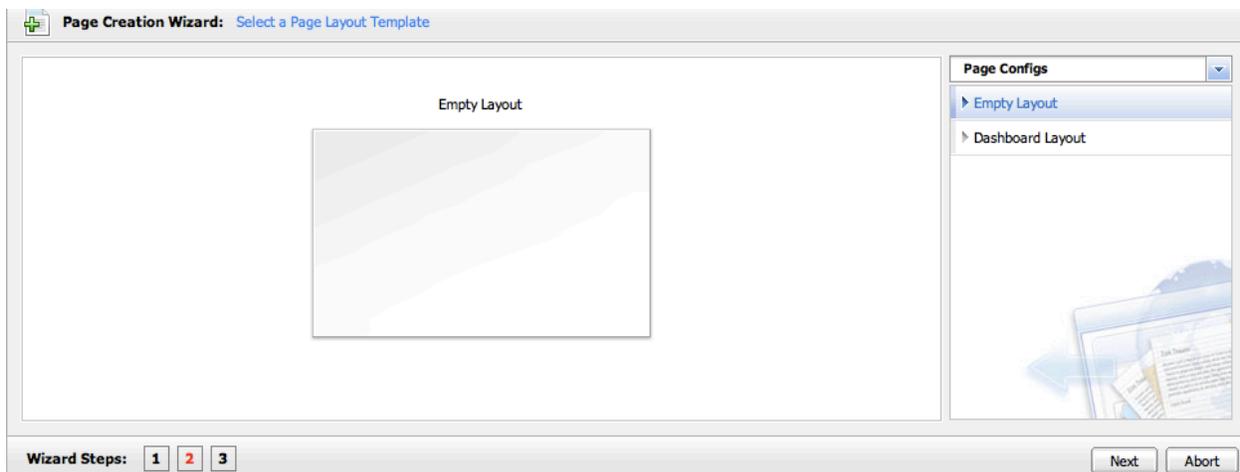
played to a user viewing the page.



The screenshot shows a dialog box titled "Selected Page Node:" with a sub-header "Add a new Page". It contains the following fields and options:

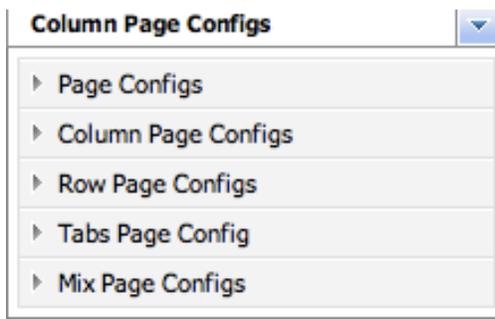
- Node Name: TrendyPage \*
- Display Name: Trendy Page
- Visible:
- Publication date & time:

Select Next to select the container layout that you would like to use for this page.



The screenshot shows the "Page Creation Wizard" dialog box with the title "Page Creation Wizard: Select a Page Layout Template". The main area displays a preview of an "Empty Layout". On the right, there is a "Page Configs" panel with a dropdown menu showing "Empty Layout" and "Dashboard Layout". At the bottom, there are "Wizard Steps" (1, 2, 3) and "Next" and "Abort" buttons.

You will notice that there are several page configurations to choose from.

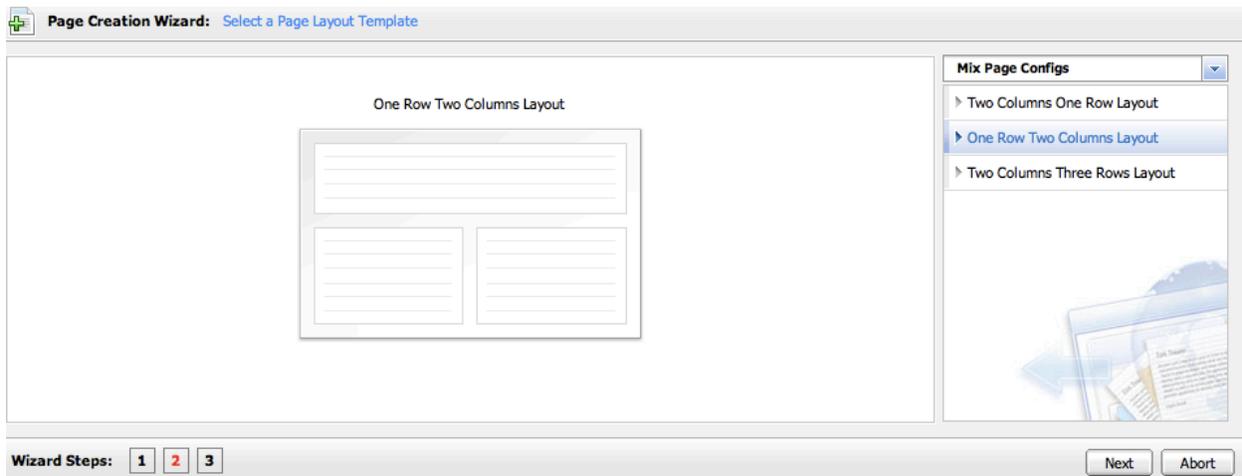


The screenshot shows a dropdown menu titled "Column Page Configs" with the following options:

- Page Configs
- Column Page Configs
- Row Page Configs
- Tabs Page Config
- Mix Page Configs

Take some time to look through each template.

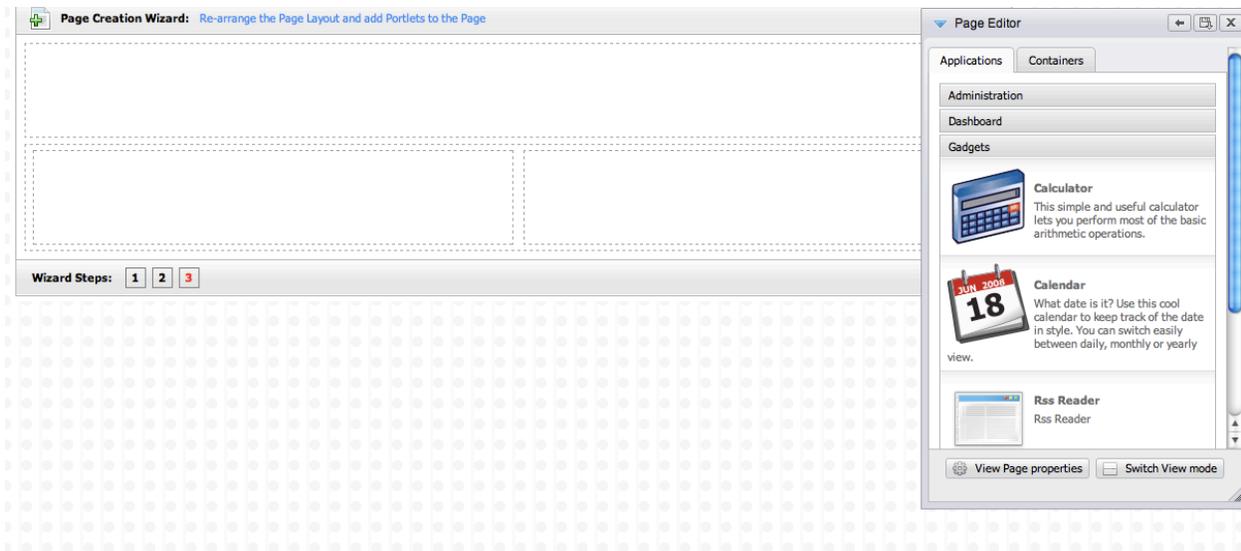
Select “Page Configs” and Choose “Mix Page Configs”. Select the One Row, Two Columns layout.



The last step of the wizard will walk you through adding content to your page. Select “next” to begin.

### **Adding Existing Portlets and Gadgets to the Page**

The last step of the wizard will allow you add content to your page. You will see the layout based on your choice in the previous step. You will also see a “Page Editor” on the right. This is a movable editor so feel free to move it as you begin to add content, if needed.



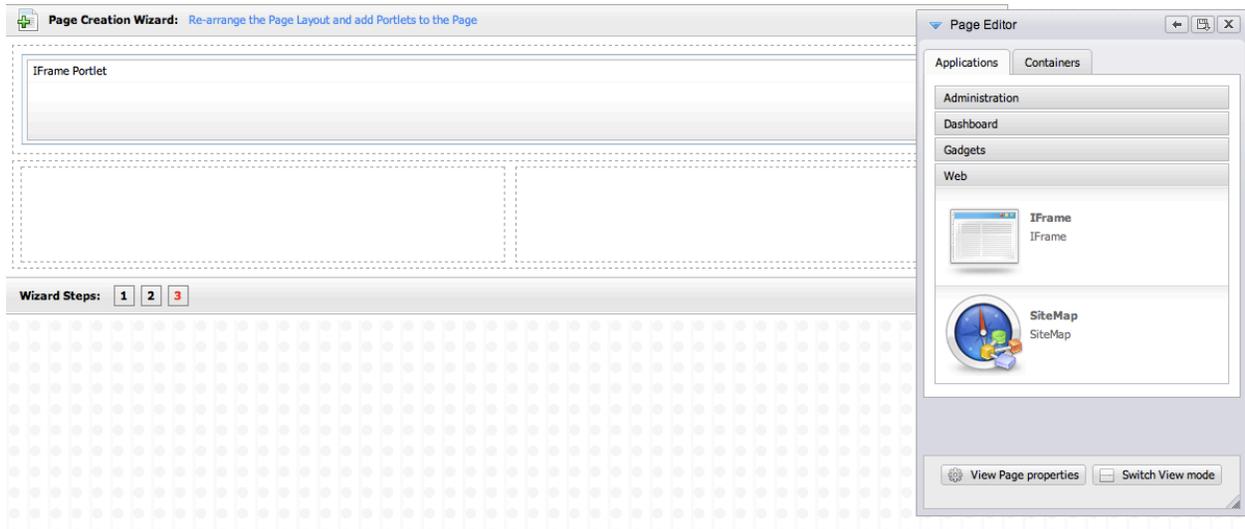
In the Page Editor, you will see a list of Portlets and Gadgets that are provided by the Application Registry. This list is not editable from this editor, but you can go to the Application Registry to add new portlets and gadgets.

Let's add one portlet and 2 gadgets to this page.

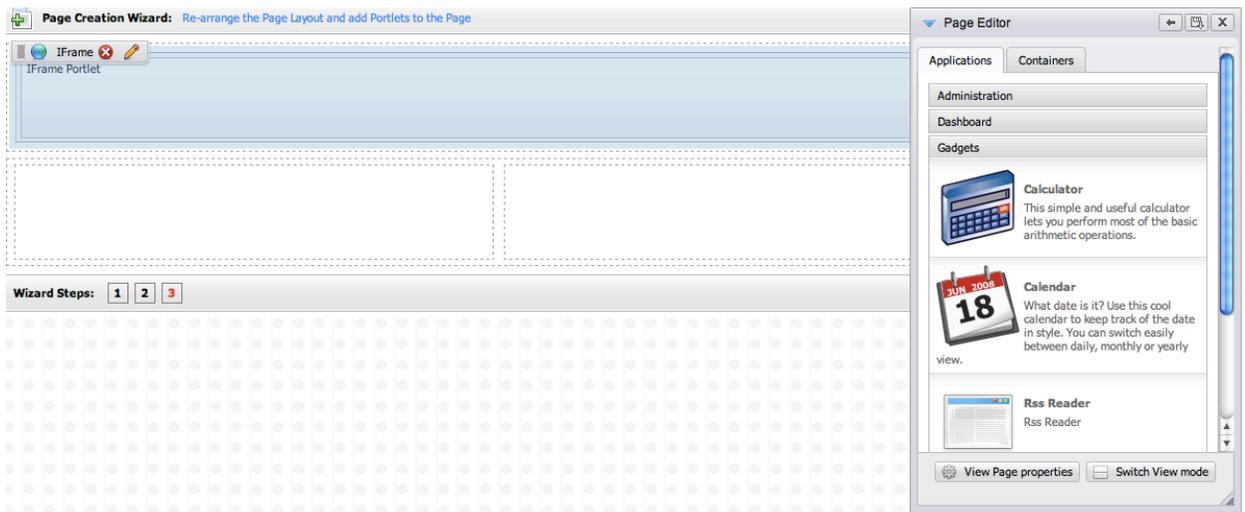
Scroll down in the page editor until you see a section called " Web".



Expand Web section and click and drag the IFrame Portlet to the top container on your page.

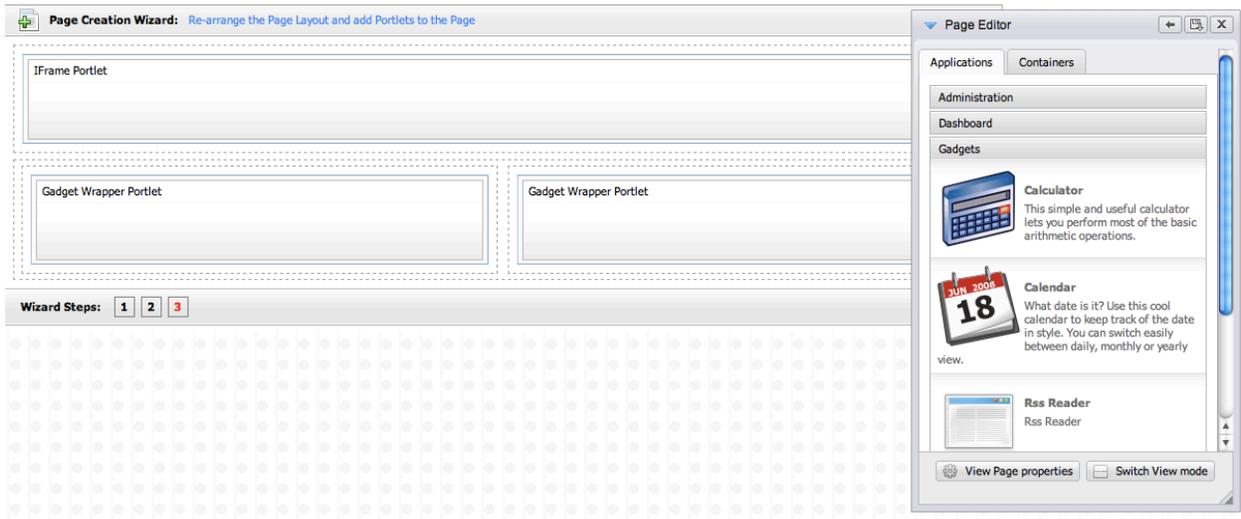


Now select the “Gadgets” section:

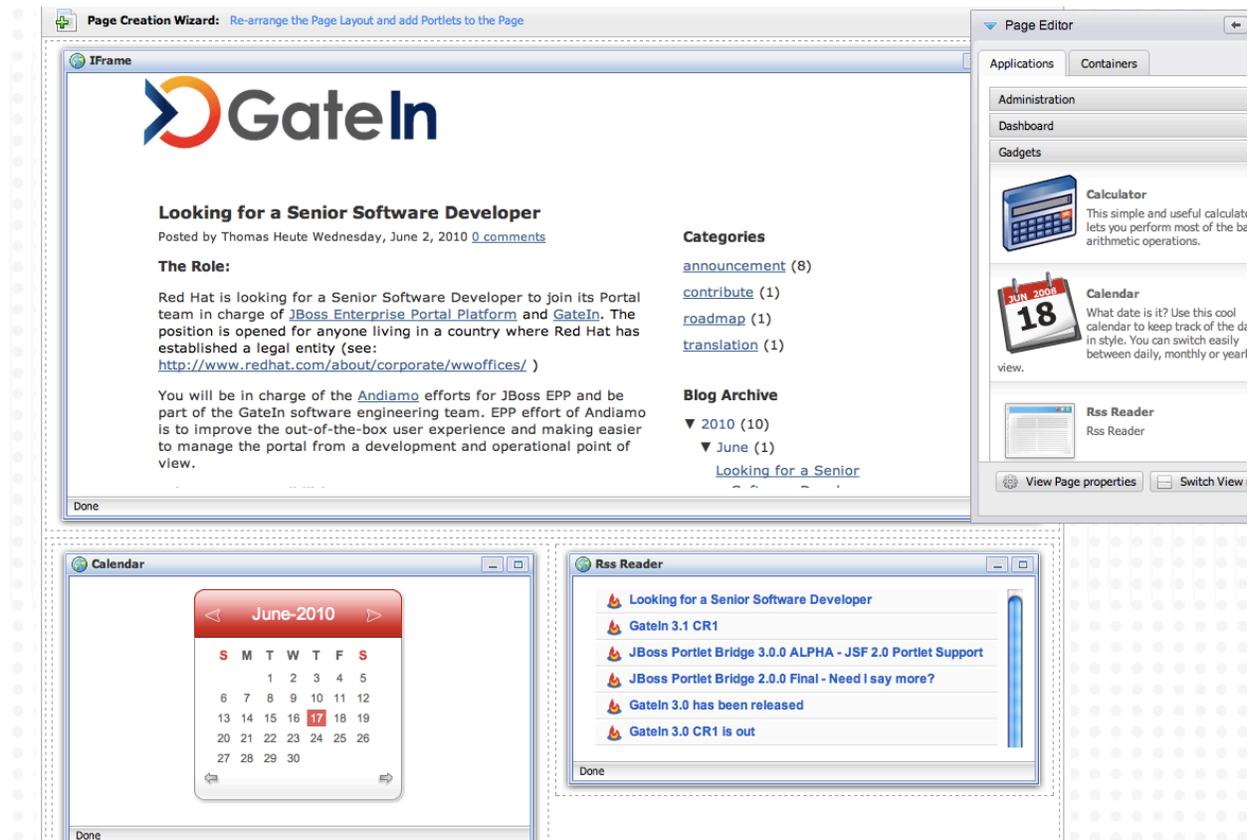


Click and Drag 2 Gadgets of your choice to your remaining 2 containers.

Your editor should look something like this:



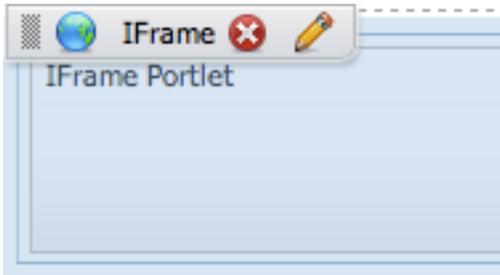
In the Page Editor, select “Switch View Mode” to preview what your page might look like.



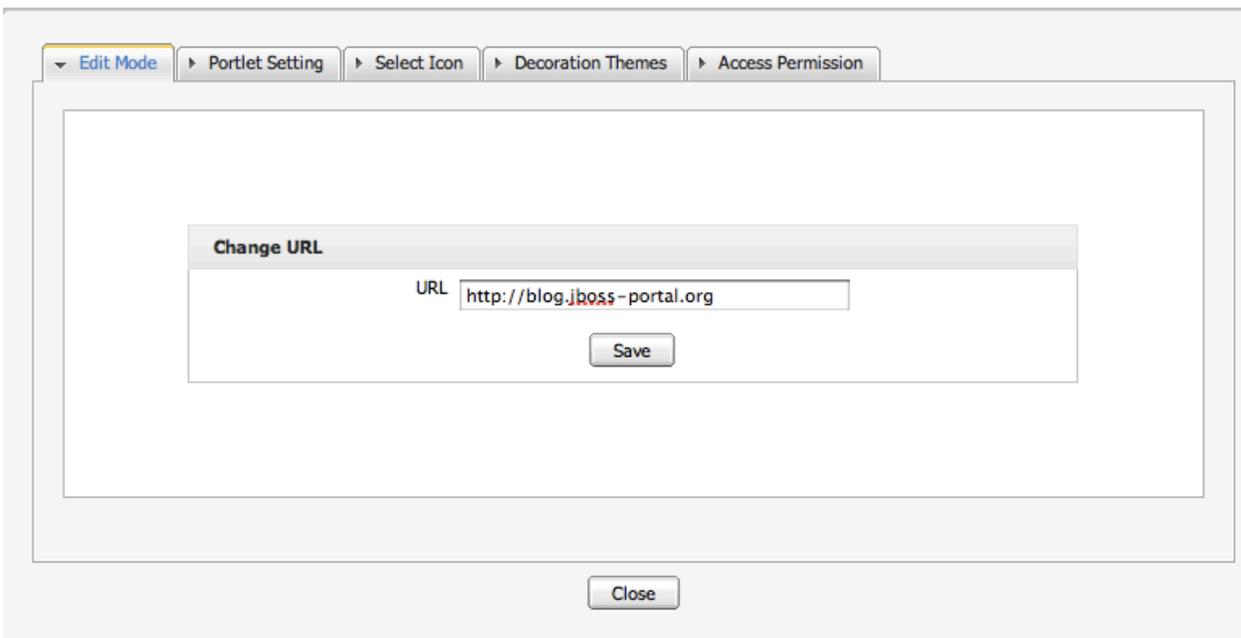
Let's edit these portlets to remove the title bar around each portlet and examine some additional portlet properties.

In the Page Editor, select "Switch View Mode" to return to edit mode.

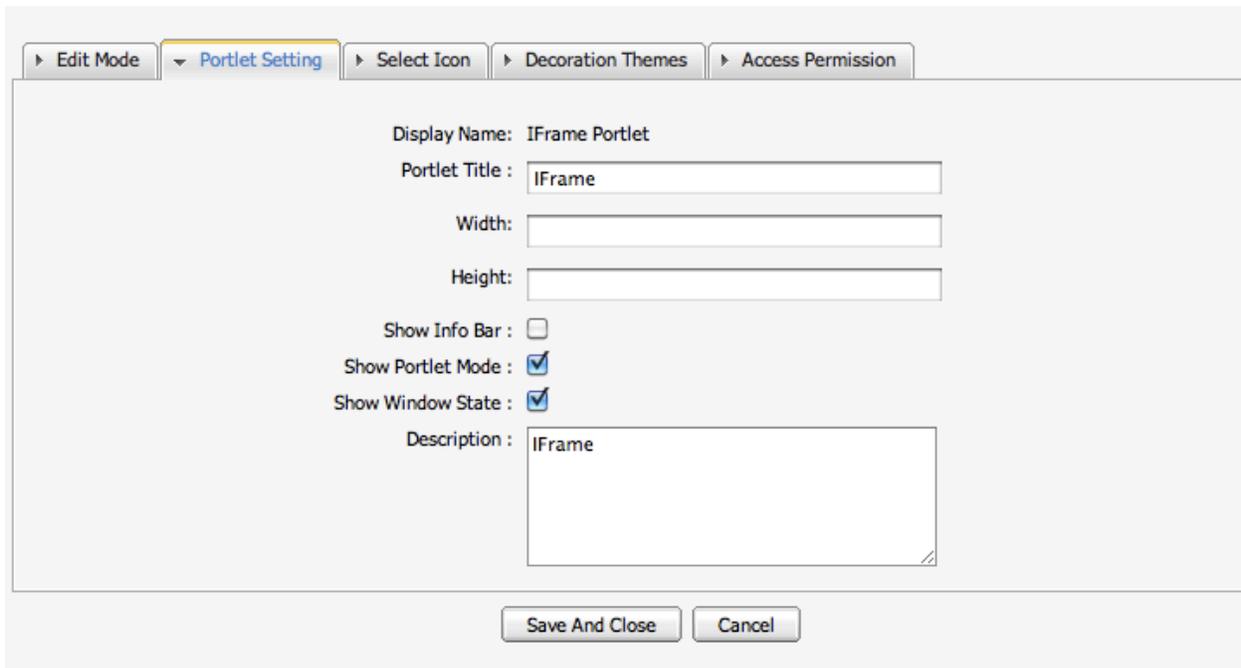
Hover over the top portlet container and you will see:



Select the Pencil icon to enter into edit mode for this portlet. This will allow you to edit certain portlet properties as well as change the access permissions specific to this portlet. This portlet frames outside content. Here you can choose the URL that will provide this content. Change this setting to <http://blog.jboss-portal.org> and select save.



Select the second tab: Portlet Setting, and deselect the checkbox next to the “Show Info Bar”. Choose “Save and Close”.



The screenshot shows a dialog box titled "Portlet Setting" with several tabs: "Edit Mode", "Portlet Setting" (selected), "Select Icon", "Decoration Themes", and "Access Permission". The "Portlet Setting" tab is active, displaying the following fields and options:

- Display Name: IFrame Portlet
- Portlet Title: IFrame
- Width: (empty text box)
- Height: (empty text box)
- Show Info Bar:
- Show Portlet Mode:
- Show Window State:
- Description: IFrame

At the bottom of the dialog box, there are two buttons: "Save And Close" and "Cancel".

See if you can make this change for the other 2 portlets.

Now we are ready to save our changes. Go to the Page Editor and select the following

icon: 

Once you click on this, the portal will redirect you to your newly created page.

# JBoss Enterprise Portal Platform

Home Trendy Page

Trendy Page

Share Report Abuse Next Blog» Create Blog Sign In

## JBoss Portal

JBoss Portal developer's blog

Monday, October 26, 2009

### JBoss Portlet Bridge 2.0 Beta and GateIn

Just on the heels of the GateIn Beta2 release comes a double whammy from the JBoss Portlet Bridge project. We are releasing 2 new versions of both the 1.0 and 2.0 bridge. Now, just to clear up any confusion, the 2.0 bridge does not cover the JSF 2.0 spec. We are still in JSF 1.2 land in the portal environment. However, running 2.0 in a portlet is not far away and it should be coming to fruition just as JSF 2.0 technology starts to gain more ground in enterprise development.

First off, I want to thank the community for providing many patches and suggestions to improve the bridge.

I am also extremely happy to announce that the JBoss Portlet Bridge 2.0.0 BETA is

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- GateIn 3.1 CR1
- JBoss Portlet Bridge 3.0.0 ALPHA - JSF 2.0 Portlet Support
- JBoss Portlet Bridge 2.0.0 Final - Need I say more?
- GateIn 3.0 has been released
- GateIn 3.0 CR1 is out

## Conclusion

You have successfully completed the following:

Creating a new portal instance

Creating a new page

Adding Portlets and Gadgets to the page.

Customizing Portlet and Gadget Settings.