JBoss Reference Series:

Tutorials





Ε R T A L Ν Т E R R Ι S Ε Р 0 Р Р L A T FO R Μ 5 H A N D S - O N L A B

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Enterprise Portal Platform 5

1

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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 funtionality 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:

Try EPP with one of these	user accounts		
Administrator Username: root Password: gtn	Manager Username: john Password: gtn	Username: mary Password: gtn	Demo Username: demo Password: gtn

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

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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



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

Default Style Skin		Saria Isaliwa Championanan
	JBoss Enterprise Portal Platform	
	About EPP Minutes & Articlas	
	Enterprise Portal Platform	
	Right sized for the Enterprise	
	 ⇒ What Does JBoss EPP 5 Mean To MeF ⇒ Pentals The Red Hat Way 	Boos
		BUSS by Rea Hat
100 M	Try EPP with one of these user accounts	
MIN	Administrator Manager User User	Demo Uservarier dance
and the second	Parrows gas	
	Organization (Decision), Band read, Dec	

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.

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Site	🕂 Group 🛞 Dashi	board 🖹 Site Editor
	Administrators's pages	
Enterp	Administration	tform
	Executive Board's pages	
Мар	Organization >	New Staff
	Users's pages	Users and groups management
EPP	My Link	

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.

🤍 redhat	Site <u>M</u> Grou	p 🛞 Dashboard 🖹 Site Editor			🔔 Root Root
JBoss E	Enterprise Po	ortal Platform			
Home Si	teMap				
🟠 Portal Navig	gation				
	classic	📝 Edit Layout	Cit Navigation	📽 Edit Portal's	
	Classic			Properties	
		А	dd New Portal		

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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.

Properties	Permission Setting
Portal Name :	Trendy *
Locale :	English 🔹 *
Skin :	Default
	Save Cancel

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

Acce:	ss Permission Setting	Edit Permission Setting	
	Group Id	Make it public (everyone can access): Membership Type	Action
	-	Empty data	
		Add Permission	

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

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

 Portal Set 	ting	ies 👻 Permissi	on Setting		
Acc	ss Permission §	etting 🛛 🔮 Ed	lit Permission Setti	ing	
		Make it publ	ic (everyone can acce	ess): 🗹	
			Save Cancel		

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

(Current Permissio	n			
	Group Id :				
м	embership :				
		elete Permission	Select P	ermission	

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:

	Permission Selector	e Cancel	
--	---------------------	----------	--

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.

Portal Setting Properties	- Permission Setting
Permission Selector	inistrators
Browse and select a	group Select a Members
 Image: Constraint of the second second	tors
	Save Cancel

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

Current Permission Group Id : /platform/administrators Membership : * Delete Permission Select Permission	 Portal Image: A second se	Setting
Current Permission Group Id : /platform/administrators Membership : * Delete Permission Select Permission	¥ *	East Permission Setting
Membership : *		Current Permission Group Id : /platform/administrators
Delete Permission Select Permission		Membership : *
		Delete Permission Value Select Permission

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.

🧠 redhat	Site Site Group	🕥 Dashboard 🛛 🖹 Site Editor			🧘 Root Root
JBoss	= classic → = Trendy ≥ POI	tal Platform			
Home S	SiteMap				
🟠 Portal Nav	igation				
	classic	Z Edit Layout	📽 Edit Navigation	Edit Portal's Properties	
	Trendy	📝 Edit Layout	📽 Edit Navigation	Content of the second s	😑 Delete
		Ad	Id New Portal		

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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.

Page Creation Wizard: Select a Navigation	n Node and create the Page	
Image: Home Image: Group Navigation Image: Portal Navigation Image: Portal Navigation Image: Register	Selected Page Node: //tome Add a new Page Node Name:	
Wizard Steps: 1 2 3	Next Abor	t

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.

Page Creation Wiza	r
Up Level me	
Group Navigation	1
Portal Navigation	I
⊕	

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-

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played to a user viewing the page.

Selected Page Node:								
TrendyPage	×							
Trendy Page								
1								
	TrendyPage Trendy Page							

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

	Page Configs
Empty Layout	Finpty Layout
	Dashboard Layout

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

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

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Take some time to look through each template.

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

	Mix Page Configs 🔍
One Row Two Columns Layout	> Two Columns One Row Layout
	• One Row Two Columns Layout
	Two Columns Three Rows 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.

₽ `	Page	Creat	tion W	izard	l: Re-	arran	ge th	e Page	e Layo	out and	d add	Portle	ts to	the Pa	ige									🔻 Page Edi	tor		• 🖪
																								Applications	Containers		
																								Administrat	tion		
																								Dashboard			
																 		Gadgets									
																						 			Calculate This simplets you p arithmetic	or e and useful calcul erform most of the coperations.	ator basic
Wizar	rd Ste	eps:	1	2	3																			JUN 2008	Calendar	,	
																								10	calendar t	o keep track of the	date
																							0		between o	laily, monthly or ye	y arly
																							0	view.			
																									Rss Reade	and F Ar	
																										-	
																								(00 VP-			
																								SS View I	age properties	- Switch Vie	w mode

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".

▼ Page Editor
Applications Containers
Administration
Dashboard
Gadgets
Web
IFrame IFrame
SiteMap SiteMap
🛞 View Page properties 📄 Switch View mode

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

Page Creation Wizard: Re-arrange the Page Layout and add Portlets to the Page		+ B, X
Frame Portlet	Applications Containers	
	Administration	
	Dashboard	
	Gadgets	
	Web	
	IFrame IFrame	
Wizard Steps: 1 2 3	Citablan	
	SiteMap	
	🛞 View Page properties	Switch View mode

Now select the "Gadgets" section:

Page Creation Wizard: Re-arrange the Page Layout and add Portlets to the Page	▼ Page Editor			
I Frame Ortlet	Applications Containers			
	Administration			
	Dashboard			
	Gadgets			
	Calculator This simple an lets you perfor arithmetic op	nd useful calculator orm most of the basic ierations.		
Wizard Steps: 1 2 3	Calendar What date is	it? Use this cool		
	calendar to ke	eep track of the date		
	between daily	y, monthly or yearly		
	view.			
	Rss Reader			
	KSS Reader	A		
		Y		
	Wiew Page properties	Switch View mode		

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

Your editor should look something like this:

Page Creation Wizard: Re-arrange the Page Layout and add Portlets to the Page	▼ Page Editor ← 🗒 X
IFrame Portlet	Applications Containers
	Administration
	Dashboard
	Gadgets
Gadget Wrapper Portlet Gadget Wrapper Portlet	Calculator This simple and useful calculator lets you perform most of the basic arithmetic operations.
Wizard Steps: 1 2 3	18 18 Calendar What date is it? Use this cool calendar to keep track of the date in style. You can switch easily between daily. monthly or very very
	view.
	Rss Reader Rss Reader
	View Page properties Switch View mode

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

IFrame			Applications	Containers
	DGateIn		Administratio Dashboard Gadgets	Calculator This simple and useful calculate
	Posted by Thomas Heute Wednesday, June 2, 2010 0 comments	Categories		arithmetic operations.
	Red Hat is looking for a Senior Software Developer to join its Portal team in charge of <u>JBoss Enterprise Portal Platform</u> and <u>GateIn</u> . The position is opened for anyone living in a country where Red Hat has established a legal entity (see: <u>http://www.redhat.com/about/corporate/wwoffices/</u>)	contribute (1) roadmap (1) translation (1)	view.	Calendar What date is it? Use this coo calendar to keep track of the in style. You can switch easil between daily, monthly or ye
	You will be in charge of the <u>Andiamo</u> efforts for JBoss EPP and be part of the GateIn software engineering team. EPP effort of Andiamo is to improve the out-of-the-box user experience and making easier	Blog Archive		Rss Reader
	to manage the portal from a development and operational point of view.	▼ June (1) <u>Looking for a Senior</u>	🛞 View Pa	ge properties Switch Vie
Done	to manage the portal from a development and operational point of view.	V June (1) Looking for a Senior	🛞 View Pa	ge properties

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Let's edit these portlets to remove the title bar around each portlet and examine sone 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 <u>http://blog.jboss-portal.org</u> and select save.

Change URL	
URL http://blog.jboss-portal.org	
Save	

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

► Edit Mode		► Select Icon	Decoration Themes	Access Permission	
	-	Display Nan Portlet Titl	ne: IFrame Portlet le : IFrame		
		Wid	th:		
		Show Info Ba	ar:		
	5	Show Portlet Mod Show Window Stat	le: ☑ te: ☑		
		Descriptio	n : IFrame		
					1
			Save And Close	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.

redhat 📄 Site 💷 Group 🛞 Dashboard 🛣 Site Editor		<u>L</u>	Root Roo
Boss Enterprise Portal Platform			
me Trendy Page			
rendy Page			
Q Share Report Abuse Next Blog»		Create Blog Si	gn In 🧃
JBoss Portal JBoss Portal developer's blog			
Monday, October 26, 2009 JBoss Portlet Bridge 2.0 Beta and GateIn		Subscribe Now	
Just on the heels of the GateIn Beta2 release comes a double what JBoss Portlet Bridge project. We are releasing 2 new versions of the bridge. Now, just to clear up any confusion, the 2.0 bridge does n spec. We are still in JSF 1.2 land in the portal environment. Howe	ammy from the both the 1.0 and 2.0 ot cover the JSF 2.0 ever, running 2.0 in	Subscribe in a reader	
a portiet is not far away and it should be coming to fruition just a starts to gain more ground in enterprise development.	s JSF 2.0 technology	matter	
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I am also extremely banny to announce that the IBoss Portlet Brid	s JSF 2.0 technology les and suggestions doe 2.0.0 RFTA is & Looking for a Senior	still matter • Find out why.	
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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.

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