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1 PREFACE

1.1 Overview

Beginning as an open source project in the year 2002, eXo is well-known as the industry's first Java portlet container. With the aim of dominating the potential portal market through robust and easy-to-use applications, eXo Project succeeded in attracting consumers in the whole world. eXo actually opened the floodgates to various options in many markets, and customers have been choosing eXo as the best method for their success.

The eXo Project grew into a company in 2003, as a response to customer demands. We can do this because we release our code in the open environment. It's how the DoD found us, when we were just university students hacking away, and it's how we choose to do business with our customers.

Today, eXo is a rapidly growing global company, with U.S. headquarters in San Francisco, California, global headquarters in France, and offices in Tunisia, Ukraine, and Vietnam. The Corporate has established technology leadership and proven values by their large European installed base and strategic partnerships with Red Hat, Capgemini, Atos Origin, and Bull.

GateIn is the perfect merge between Red Hat and eXo Platform in creating a new generation of Open Source portal which is actually robust and intuitive. With GateIn, both normal users and enterprises can enjoy many personalization and collaboration applications wherever and whenever. Advantages generated in GateIn, including interactive user interface, customizable look and feel, flexible internationalization and localization, facilitate the birth of many useful applications with a variety of rich utilities in the world market.

1.2 Purposes of the Guide

The book was written as a handbook, aiming at instructing step-by-step on how to use and to implement this application to the utmost. Thus, the information included herein will give basic steps that makes it easy for users to follow through in-depth examples and clear explanations regarding to the eXo Platform technology. Whether you major in technology or not, you are able to learn about or to work on GateIn 3.1 easily and efficiently.

The information provided in the guide is arranged into such a way that ensures readers to search and implement quickly and easily. With the aim of helping users better understand about GateIn 3.1, we hope that readers can know more and master almost key strengths when using the GateIn 3.1.

In general, the book provides basic instructions for users. This user guide will focus on the followings:

- Define the basic concepts in GateIn 3.1
- Provide basic instructions to use GateIn 3.1.

1.3 References

- GateIn Administrator Guide v3.1

Info & Support

Information

- eXo Platform Home Page: <http://www.exoplatform.com/portal/public/website/>
- eXo Platform Wiki: <http://wiki.exoplatform.com/xwiki/bin/view/Main/>

Support

- Forums: <http://forums.exoplatform.org>
- FAQ: <http://faq.exoplatform.org>

2 GLOSSARY

2.1 Portal

A portal can be defined as a key environment for making and implementing many applications and contents. In other words, the portal is a web-based application providing means to gather and personalize information via specific portlets with an interactive and consistent look and feel. Users and administrators are able to integrate information, people and processes via a web-based user interface. The framework is to facilitate contents and applications aggregation with the flexible management and personalization options.

2.2 Portlet

A portlet is a pluggable component in a portal through which users can access some specific information, including supports, updates, or mini-applications, etc). The portlet produces fragments of a markup code that are aggregated into a portal page. Typically, a portal page is displayed as a non-overlapping portlet windows collection, where each portlet window displays a portlet. The contents generated by a portlet can vary from one user to another, depending on the configuration set by each user.

Portlets can be divided into two following types:

- Functional Portlet
- Interface Portlet

2.3 Toolbar

The Toolbar is a set of icons or buttons that is considered as a part of interface. It spans the top of the portal application and provides links to users and administrative actions.

2.4 Navigation

Navigation is composed of a nodes set (menus) that helps users visualize the site structure and provides hyperlinks to move from one page to another quickly. Each node contains an internal name and a label which is shown on the menu. For any node, you can define either sub-nodes. The horizontal menu at the top of page is called a navigation bar. The GateIn's

navigation is established based on three levels: portal level, group level and user level. On each level, any node can be defined. The navigation structure of one particular user is made up of portal navigation nodes (that are valid to all users), the nodes of all groups the user belongs to and his individual nodes. The users' and groups' nodes are valid for all portals that are defined on the same eXo Portal server.

2.4.1 Portal's Navigation

This navigation type links to separate sites/portals of the parent portal. Each portal/site has only one navigation and it is automatically generated when a portal/site is created. Only users who have the edit permission on a portal can add nodes on this navigation level.

The portal's navigation name looks like: portal:[portal name]'s nav

Let's suppose that the portal's navigation name is: "portal:classic's nav":

- ✓ 'portal' is the navigation level, it means that navigation nodes are defined for all users of a portal.
- ✓ 'classic' is the portal name.
- ✓ 'nav' stands for 'navigation'.

2.4.2 Group's Navigation

All registered users are organized into groups. The group's navigation links to all pages of each group, called a group navigation. The content of this navigation differs, depending on the logged-in account type. The group's navigation is created manually by users who have the highest right in a group. Before adding nodes or creating pages for a group, you must create the group navigation. Also, there are nodes that are only applied to those members who have certain memberships.

The group's navigation name looks like: group:[group name]'s nav.

Let's suppose that the group's navigation name is: group:platform/administrators's nav:

- ✓ 'group' is a navigation type, it means that the nodes are defined for a group.
- ✓ 'platform/administrators' is the group's path. It means that navigation nodes are defined for the 'administrators' - the group that is a sub-group of 'platform' group.
- ✓ 'nav' stands for 'navigation'.

2.4.3 User's Navigation

Each user has its own navigation that contains links and portlets (or gadgets) selected by the user. A user's navigation is created or deleted automatically when the user is registered or deleted respectively. By default, the user navigation is empty.

The user's navigation name has format: user:[user name]'s nav

Let's suppose that the user's navigation name is: user:john's nav

- ✓ 'user' is a navigation level that navigation nodes are defined for one individual user.
- ✓ 'john' is the name of user.
- ✓ 'nav' stands for 'navigation'.

2.5 Gadget

A gadget is a mini web application running on a platform that a user can integrate and customize in the website.

To further see default gadgets in GateIn 3.1, please refer to the section "Using the Dashboard Workspace".

2.6 Access Mode

GateIn has offered two modes by default:

- **Public mode:** This mode is for guest users (visitors) who have not registered yet. This mode is not required to sign in, so they can only visit the public pages in a portal. Visitors can also register to get an account. After registering, they can use the private mode and have to contact their administrators to get more rights or the group manager if they want to become a member of that group.
- **Private mode:** This mode is for registered users who will apply their usernames and passwords to sign in. This mode supports users in taking many actions such as: managing private resources (create private pages, edit or delete them), "borrowing" pages from others by creating hyperlinks, changing the language for individual needs, managing private information.

2.7 Preview Mode

In the preview mode, you can only view, not edit.

You can see this mode when you click the **Preview Page** icon  at *step 3* of creating and/or editing a page by wizard.

2.8 Layout mode

In the layout mode, you are provided with some layout templates of portal or the page and you can use these templates to edit a portal or a page.

2.9 Permission

Permission is one of the most important factors on a portal. Permission settings control what users can or can not do within the portal and set by the portal administrators.

2.9.1 Permission types

Permission types define what a user can do within the portal. There are two available types as follows:

Access Permission: allows users to utilize portal contents (signing in, viewing contents, rearranging portlets, etc). This permission can be set for multiple member groups.

Edit Permission: allows users to change portal contents (changing portal or page information, deleting a portal/page). The edit permission is set for only one group at a time.

By default, **root** is set as the super user or the administrator of GateIn; he can do everything while the others must get the appropriate rights (permissions) at first.

Rights in GateIn are not assigned to a single user but to a users group with specific membership types.

Similarly, the permission structure is always established as follows: [membership type]/[group path]

For example: manager:/platform/administrators. It means the right is set for users who are “manager” of the group “administrators”. “Platform” is the parent group of “administrators”.

Seemingly, groups are managed in accordance with a hierarchy structure; but in fact, a sub-group does not have any inheritance from the parent group.

For example: we have a group structure as follows:

- + platform
 - administrators
 - guest
 - user

If users in the group “platform” can perform a function A, it does not mean that users in “administrator” or “guest” groups can do function A. The roles of users in groups are independent.

2.9.2 Permission levels

Permission levels specify where the users's permission types can be applied into the portal. GateIn offers three permission levels as follows:

Portal: The portal permission level includes permissions performed on all pages within the portal. So, a user with the **access** permission can view (but not edit) all the pages within the portal. A user with the **edit permission** at the portal level can change any page in the portal.

Page: The page permission level restricts the users to several particular pages. Users are only able to see and/or edit pages they have been given access, depending on each permission type assigned to them.

Portlet: The portlet permission level allows users to create a page through dragging and dropping portlets into a page. Some portlets are only used for administrators while some are for individuals; thus, administrators need to set proper access permissions for each specific group.

Permission types and levels can be effectively implemented to control who can do and what can be performed within the portal.

3 PORTLET

3.1 Functional Portlet

Functional Portlets support all functions of a portal. They are built into the portal and accessed via toolbar links when the portal-related tasks are performed.

3.1.1 Register Portlet

This portlet is used to register a new account, including fields: User Name, Password, Confirm Password, First Name, Last Name, Email Address, and Text validation.

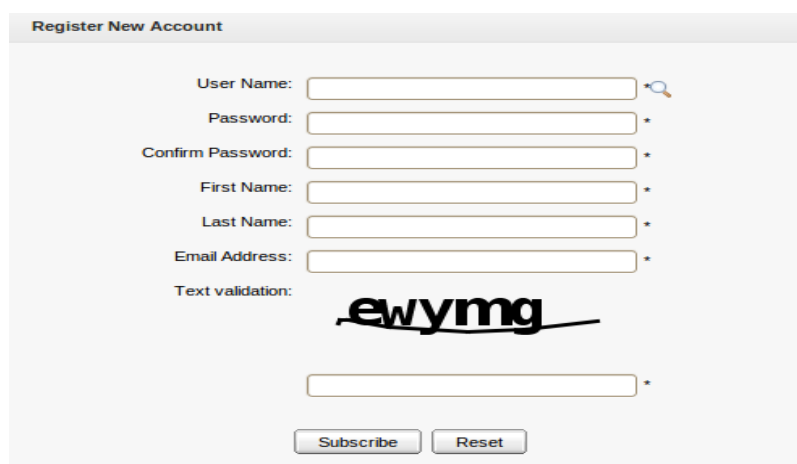
The image shows a web form titled "Register New Account". It contains several input fields: "User Name:" with a search icon, "Password:" with an asterisk, "Confirm Password:" with an asterisk, "First Name:" with an asterisk, "Last Name:" with an asterisk, "Email Address:" with an asterisk, and "Text validation:" with a stylized "ewymg" logo and an asterisk. At the bottom, there are two buttons: "Subscribe" and "Reset".

Illustration 1: Register Portlet

3.1.2 Account Portlet

This portlet allows users to add a new account and choose their preferred languages for displaying the portal interface.

Illustration 2: Account Portlet

3.1.3 Organization Portlet

This portlet is used to manage user information, users groups and memberships. The form of this portlet is shown like:

User Name	Last Name	First Name	Email	Action
demo	gtn	Demo	demo@localhost	
giang	tran	giang	giang@mail.com	
john	Anthony	John	john@localhost	
mary	Kelly	Mary	mary@localhost	
root	Root	Root	root@localhost	

Illustration 3: The Organization Portlet interface

- **User Management:** This tab allows users to edit, delete, search and view existing users.
- **Group Management:** This tab allows users to view, add new, edit and delete a users group.
- **Membership Management:** This tab is used to add, edit and delete memberships.

3.1.4 Application Registry Portlet

This portlet is used to manage different application categories. You can add, edit, set permissions, or delete categories and applications. The portlet form is shown as below:

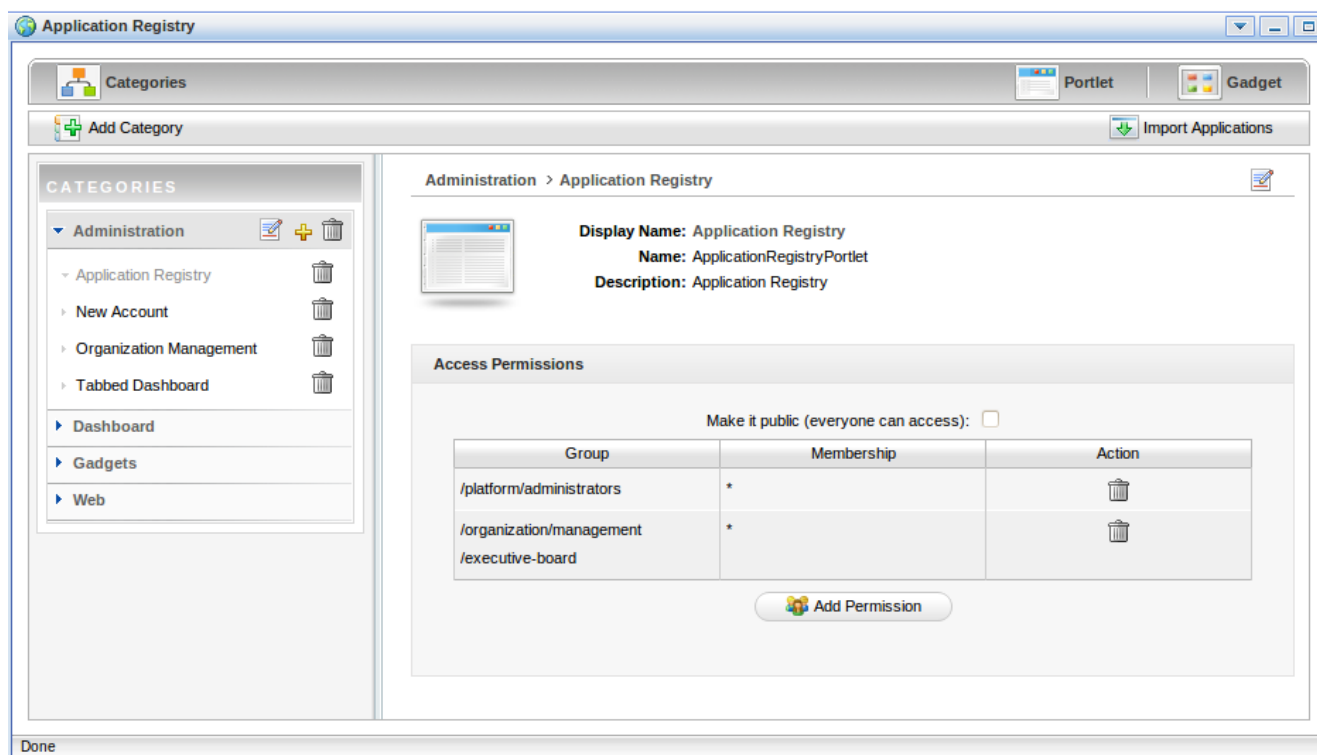


Illustration 4: The Application Registry Portlet

This portlet includes the following functions:

- Organize portlets/gadgets into different categories such as: creating a new category, importing default portlet categories, adding a portlet/gadget into a specific category, adding permission to a portlets category, etc.
- List portlets and view detailed information regarding to a specific portlet.
- Manage gadgets that includes: adding a remote gadget, creating a new gadget or deleting a gadget from the list.

3.1.5 Group Navigation Portlet

The Group Navigation Portlet is used to manage the navigation of different groups. In this portlet, it is possible to add, edit and delete a specific navigation.

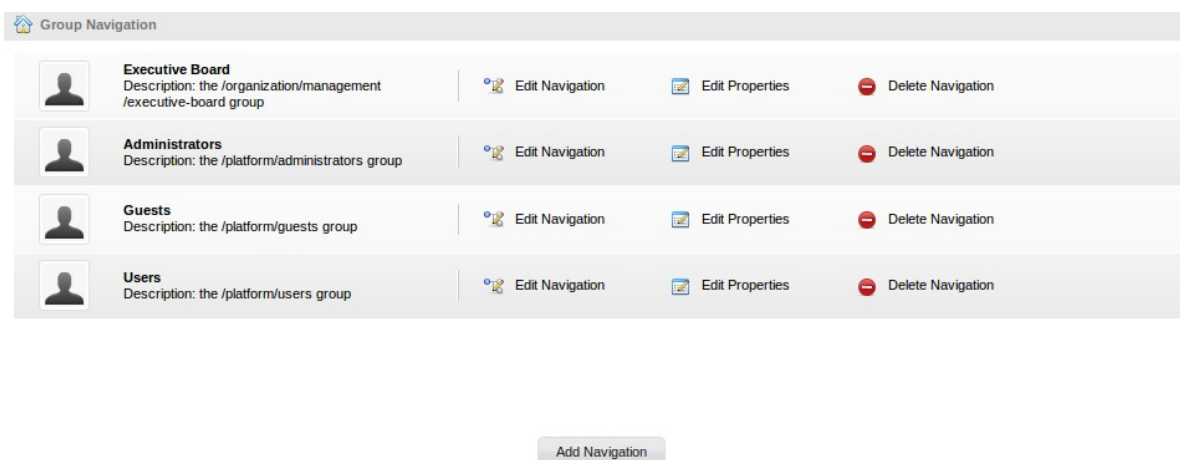


Illustration 5: Group Navigation Portlet

3.1.6 Page Management Portlet

The Page Management Portlet is used to manage all pages on the portal. In the Page Management Portlet, it is possible to add, edit and delete a specific page.

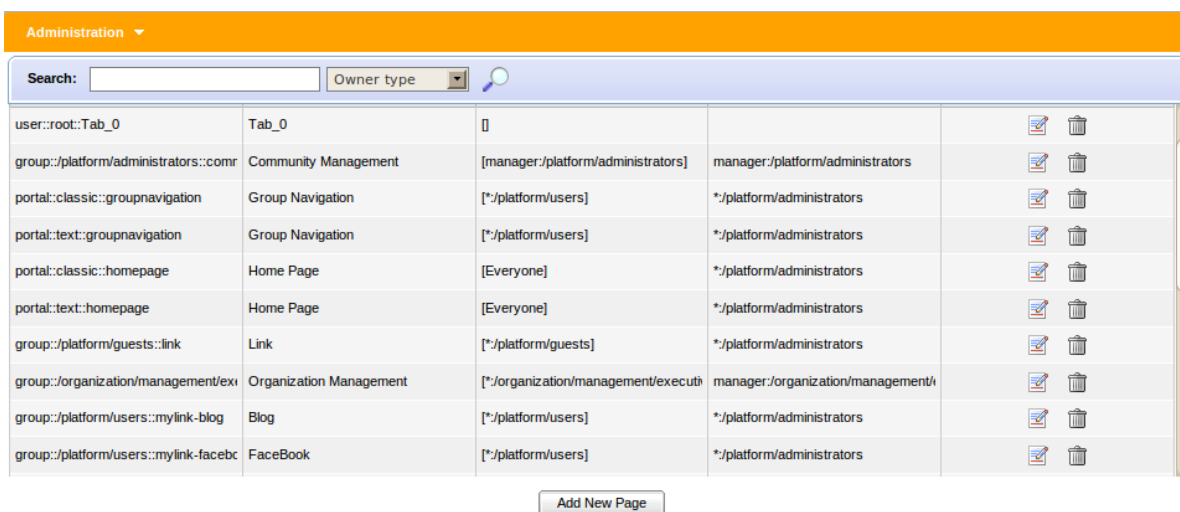


Illustration 6: Page Management Portlet

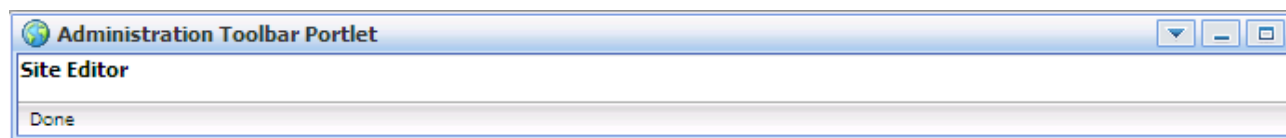


Illustration 7: Administration Toolbar Portlet

3.1.7 Portal Navigation Portlet

The portlet is used to manage all portals in the GateIn. In the **Portal Navigation** portlet, you can add, edit and delete a portal.

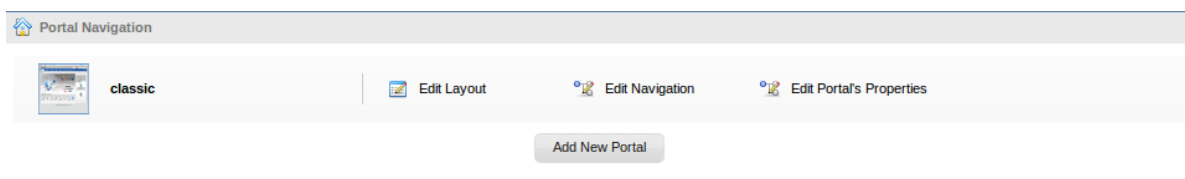


Illustration 8: Portal Navigation Portlet

3.1.8 Star Toolbar Portlet

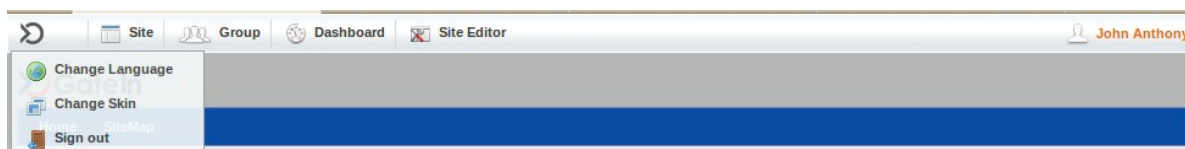


Illustration 9: Star Toolbar Portlet

The portlet is used to display a menu that contains a list of actions such as Change Language, Change Skin, Sign Out.

3.1.9 Tabbed Dashboard

The portlet is used to display Dashboard tabs that you can add gadgets inside by dragging and dropping them.

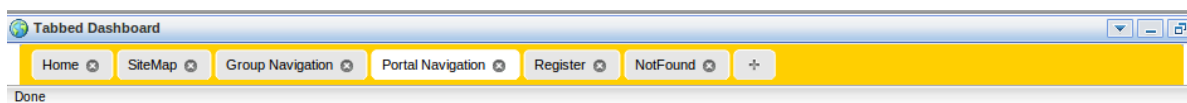


Illustration 10: Tabbed Dashboard Portlet

3.1.10 User Info Portlet

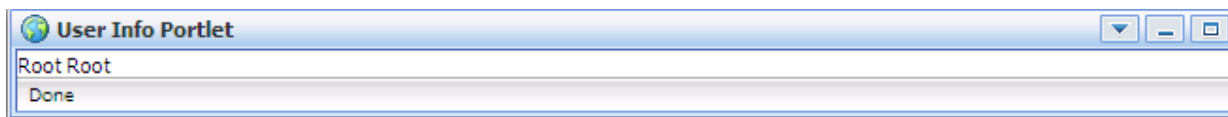


Illustration 11: The User Info Portlet Interface

The portlet displays personal information of a specific user that can be viewed and edited.

3.1.11 User Toolbar Dashboard Portlet

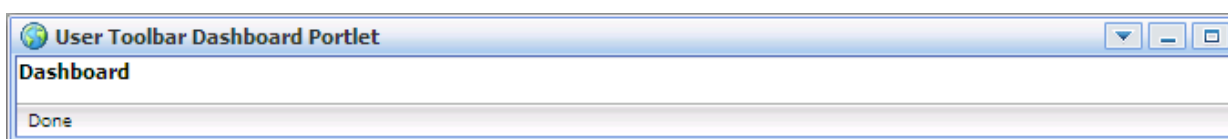


Illustration 12: The User Toolbar Dashboard Portlet Interface

The portlet is used to display the main dashboard menu that you can go inside to create dashboard tabs, add and remove gadgets for each tab.

3.1.12 User Toolbar Group Portlet

The portlet is used to display the main group menu that you can go inside to create, edit and delete a specific group and the navigation for each group.

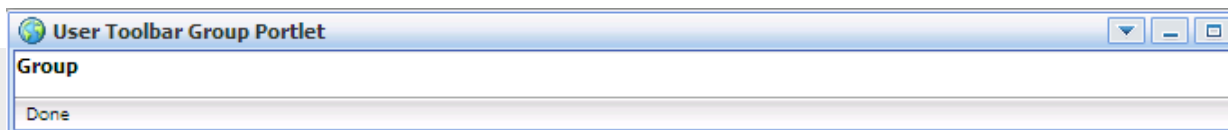


Illustration 13: The User Toolbar Group Portlet Interface

3.1.13 User Toolbar Site Portlet

The portlet is used to display the site menu that you can go inside to manage all portals.

3.2 Interface Portlet

Interface Portlets constitute the interface of the GateIn that are the front-end components of the portal. They provide users with ways to interact with the portal. GateIn 3.1 provides the following Interface Portlets:

3.2.1 Banner Portlet



Illustration 14: The Banner Portlet interface

The portlet is considered as the welcome gateway of a portal. It contains the organization's slogan, logo and icon:

3.2.2 Breadcrumbs Portlet

The portlet displays the navigation path of the selected page:

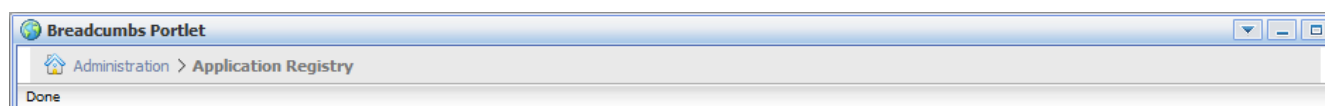


Illustration 15: The Breadcrumbs Portlet interface

3.2.3 Footer Portlet

The portlet provides a footer for a site. This footer can be text, images that are displayed at the website bottom. It provides information about author/institutional sponsor, revision date, copyright, comments form, and navigational links.

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Illustration 16: The Footer Portlet interface

3.2.4 HomePage Portlet

This is the GateIn homepage. The homepage is a main page (default page) which is the first page displayed when you visit the portal.



Illustration 17: The HomePage Portlet interface

3.2.5 IFrame Portlet

The portlet is used to create IFrame elements for a site. The IFrame is an HTML element which can embed a different HTML document into a HTML document. So, the embedded document is displayed inside a sub-window of the browser window. This does not mean the full inclusion, the embedded document is independent and both documents are considered as separated documents.



Illustration 18: The IFrame Portlet interface

3.2.6 Navigation Portlet

The portlet provides a navigation bar. A navigation bar is a menu that helps users visualize the site structure and provide links to move from one page to another quickly:



Illustration 19: The Navigation Portlet interface

Note:

When you create a new page that contains this portlet:

In the Preview mode: the portlet will be viewed as a normal page like above.

In the Save mode: the Navigation portlet will not be displayed normally when you open the page containing this portlet because only the portal's navigation can be shown like below. It means that two navigations can not be shown at the same time.

3.2.7 SiteMap Portlet

The portlet displays a sitemap page of a website. It is a graphical representation of a website. It lists pages on a website, which is typically organized in the hierarchical architecture to help visitors find pages on the site easily.

There are two options:

Collapse All: The sitemap will be displayed with the parent path only.

Expand All: The sitemap will be displayed with the parent paths and all their children paths.

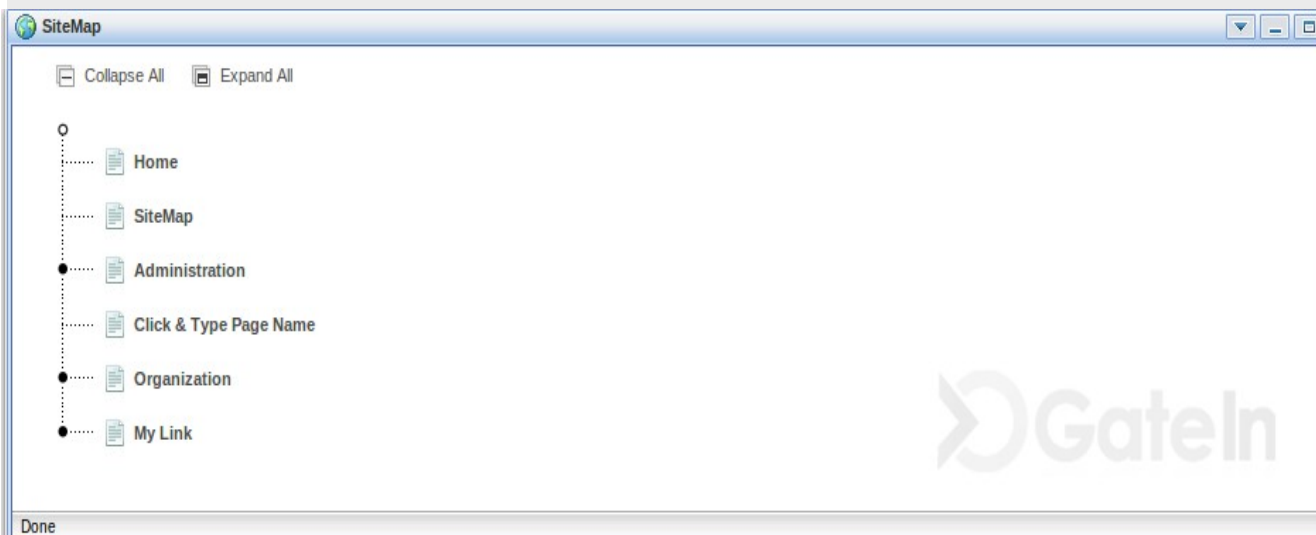


Illustration 20: The SiteMap Portlet interface

3.2.8 Web Browser Portlet

The portlet provides a web-browser-like application for users. It allows users to connect to other sites over Internet.



Illustration 21: The Browser Portlet interface

3.2.9 Dashboard Portlet

The portlet is used for hosting mini-applications known as gadgets. The dashboard uses a

variety of graphical effects for displaying, opening, and using gadgets. Gadgets can be moved around, rearranged, deleted and recreated in the dashboard. More than one instance of the same gadgets can be opened at the same time, possibly with different settings.

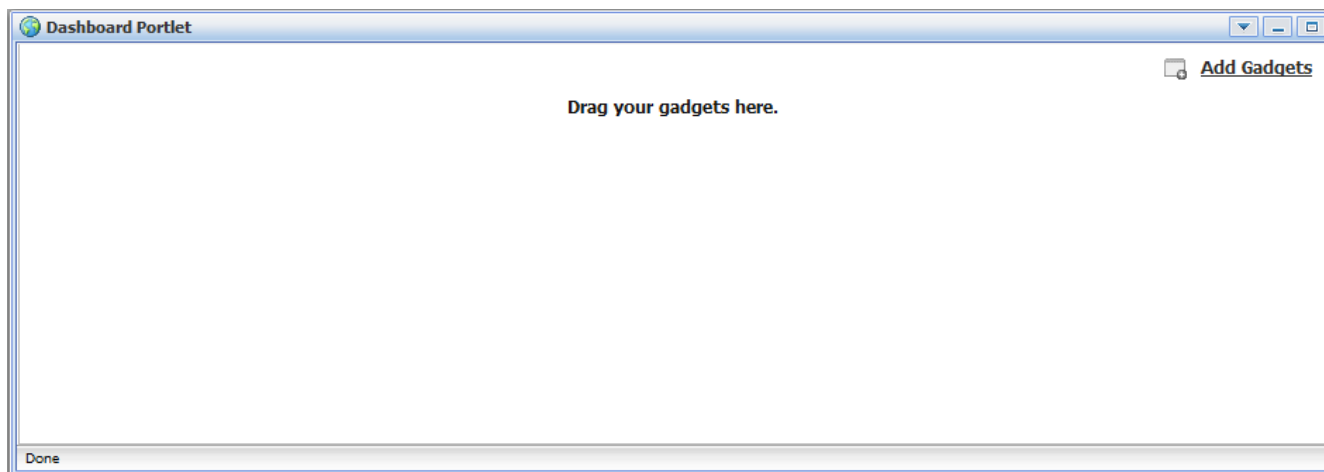


Illustration 22: The Dashboard portlet interface

3.2.10 Gadget Wrapper Portlet

This portlet allows users to view a gadget in the canvas mode.



Illustration 23: Gadget Wrapper Portlet

3.3 Dashboard Portlet

The dashboard portlet is to host mini-applications known as gadgets. The dashboard uses a variety of graphical effects for displaying, opening and using gadgets.

Gadgets within the Dashboard portlet may be moved, or rearranged. Users can create new gadgets and delete unnecessary ones. Also, users can open many gadgets with different settings at one time.

3.3.1 Use the Dashboard Workspace

To use the **Dashboard Workspace**, do as follows:

Step 1: Click **Dashboard** on the toolbar.

Step 2: Click **Add Gadgets** to open the **Dashboard Workspace**.

The **Dashboard Workspace** lists all available gadgets. Four default gadgets are provided in GateIn 3.1; but you can add more.

The followings are default gadgets:

Calendar: A cool calendar keeps track of date in style. You also can switch between daily, monthly and yearly views and change the skins as you like easily.

Todo: This mini-application helps you organize your day and work group. It is designed to keep track of your tasks in a convenient way. You can highlight tasks with different colors.

Calculator: This is the coolest calculator for your page. This mini-application lets you perform most basic arithmetic operations and can be themed to match with your portal.

RSS Reader: This gadget lets you get a sneak preview of your favorite feeds in one location. This content includes, but not limit to, news, posts, emails, all in one gadget. This gadget is a web-based one for receiving and viewing RSS feeds.

Step 3: Select a gadget in the **Dashboard Workspace**.

Step 4: Drag and drop the selected gadget into the **Workspace**.

In addition, many more gadgets can be found at Google Gadget:

<http://www.google.com/ig/directory?synd=open>. GateIn 3.1 is compatible with most gadgets available here.



Illustration 24: More gadgets on Google

3.3.2 Add More Gadgets

To add more gadgets from external sources, do as follows:

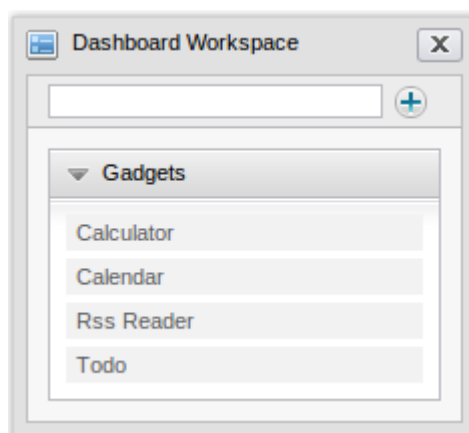
Step 1: Open the URL (.xml or .rss) of your desired gadget.

For example, <http://bejeweledg.googlecode.com/svn/trunk/bejeweled.xml>.

Step 2: Return to your portal, and click **Dashboard** on the administration toolbar.

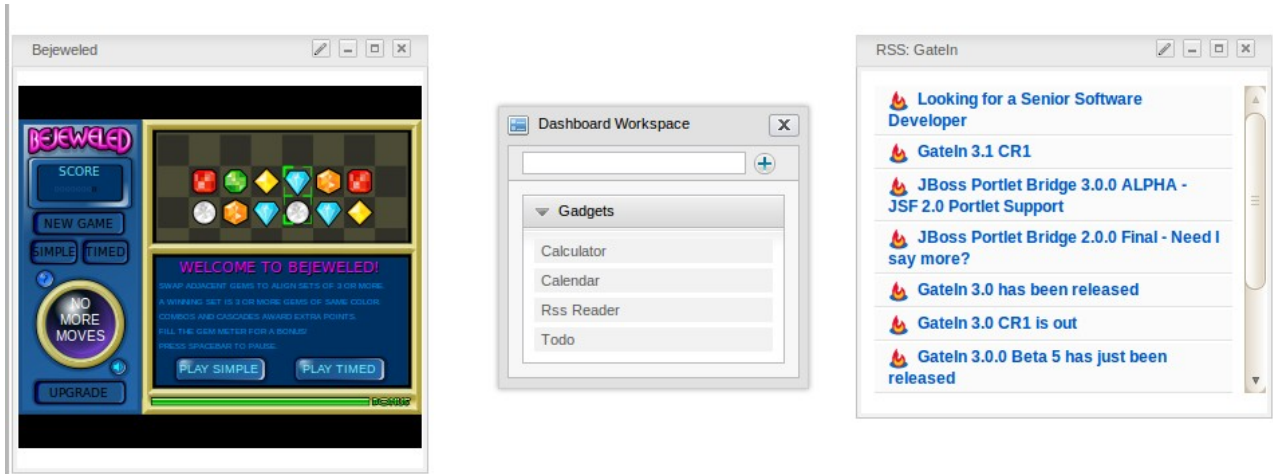
Step 3: Click **Add Gadgets** in the Dashboard to open the **Dashboard Workspace**.

The **Dashboard Workspace** will appear:



Step 4: Paste the URL achieved in step 1 into the text box next to the  icon.

Step 5: Click the plus icon to add the new gadget to the page.



4 INITIAL IMPLEMENTATION

4.1 Requirements

4.1.1 Software

GateIn is a Java application. The GateIn trial version is free download. However, new functions are usually updated without test and guaranty in trial versions. In order to purchase a full version with guaranty and tested functions, please contact us at sales@exoplatform.com.

You can get the latest trial version package from this link:

<http://forge.objectweb.org/projects/exoplatform>. After downloading, you also need to download the following software which supports running GateIn:

- Download JDK (Java Development Kit) with version 1.5 or later.
- Application Server: GateIn is a web application using the client–server model. So we need a server browser. You can use Jboss Application Server, Jonas Application Server or Apache Tomcat.
 - ✓ Jboss Application Server version 4.2.0 : <http://labs.jboss.com/>
 - ✓ Jonas Application Server version 4.8.4: <http://wiki.jonas.objectweb.org/>
 - ✓ Apache Tomcat version 6.x <http://tomcat.apache.org>
- A database is required. By default, HSQL is delivered with GateIn so that you do not need to install a database. GateIn can be used with the following databases:
 - HSQL (used by default)
 - My SQL
 - SQL Server
 - Oracle
 - PostgreSQL
 - DB2

4.1.2 Hardware

Processor: 2.0 Ghz or higher

RAM : at least 512MB

4.2 Setup

4.2.1 Establish A Base Structure

To establish a base structure, do as follows:

Step 1: Create a "java" directory which is called \$EXO_BASE_DIRECTORY. By default, the \$EXO_BASE_DIRECTORY directory will be in your \$HOME directory in Linux and in D: drive in Windows.

Step 2: Install JDK and maven2 in the java directory.

Step 3: Set environment variable: JAVA_HOME= EXO_BASE_DIRECTORY/JDK.

Step 4: Create an "exo-dependencies" and "exo-working" directories in the "java" directory.

Step 5: Copy a desired template application server directory to exo-dependencies. The directory name should have the form name of application server -**\${version}**. So the name of the directory may be **(tomcat-\$, jboss-\$, jonas-\$)**.

By the end, you have to have the following directory structure:

```
java/
    exo-dependencies/
        tomcat-${version}
        jboss-${version}
        jonas-${version}

    exo-working
    jdk1.5
    maven2
```

4.2.2 Configure an environment

To configure a suitable environment for GateIn implementation, do as follows:

Step 1: Copy \$EXO_BASE_DIRECTORY/eXoProjects/tools/trunk/config/maven2/template-settings.xml to your \$HOME/.m2/settings.xml and adapt the configuration to your

environment. If you do this, the maven2/conf/settings.xml will be ignored. This step is mandatory for window environment.

Step 2: For Linux or Cygwin environment, you can bypass this step as the exoenv.sh script can copy and configure the settings.xml file automatically for you;

Step 3: *In Linux or Cygwin environment:*

- Copy \$EXO_BASE_DIRECTORY/eXoProjects/tools/trunk/build/src/main/resources/linux/exoenv.sh to your \$HOME or \$EXO_BASE_DIRECTORY directory.
- Backup the old one if you have one.

In Window and DOS Environment:

- Copy \$EXO_BASE_DIRECTORY/eXoProjects/tools/trunk/build/src/main/resources/window/exoenv.bat to your \$HOME or EXO_BASE_DIRECTORY directory.
- Backup the old one if you have one.

Step 4: Update the Configuration: Edit exoenv.sh or exoenv.bat file to adapt it to your environment. You should only have to change the PORTABLE_DIR variable at the beginning.

Step 5: Run the command to setup the environment: In linux or cygwin: source exoenv.sh. To check that it has worked well, open \$EXO_BASE_DIRECTORY/maven2/conf/settings.xml and check that the file corresponds to your environment, especially the definition of the repositories.

On window and dos prompt: exoenv.bat

4.2.3 Run Commands

- Launch Tomcat

In Linux or Cygwin Environment

- Go to \$EXO_BASE_DIRECTORY/exo-working/exo-tomcat/bin directory
- Change the rights on .sh files to make them executable : `chmod +x *.sh`
- Run the command : `gatein-dev.sh run` or `gatein.sh run`

- Launch Jonas

On Command line (Windows)

- Run exoenv.bat in java directory

- Go to \$EXO_BASE_DIRECTORY/exo-working/exo-jonas/bin/nt directory
- Run the command `exo.bat start -fg`

- Launch Jboss

On Cygwin

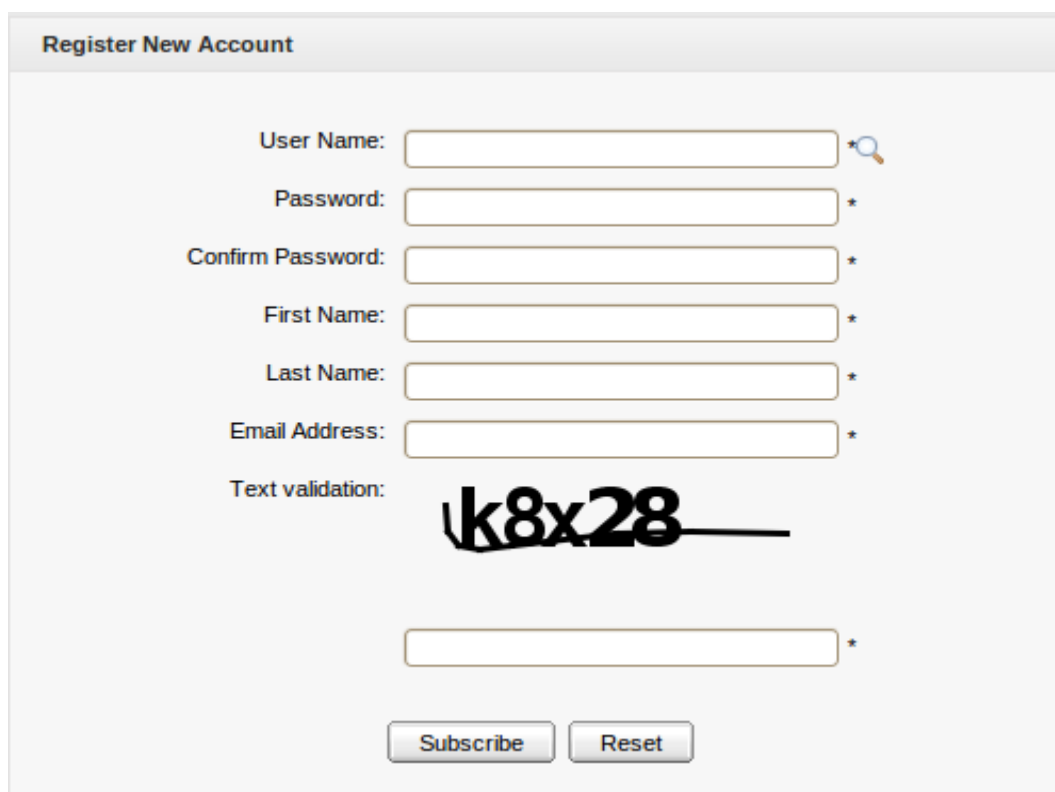
- Go to \$EXO_BASE_DIRECTORY/exo-working/exo-jboss/bin directory
- Run the command: `run.sh`

5 ACCOUNT

5.1 Register A New Account

Unregistered users visiting the portal will be limited to several contents and applications which are not set as public. Meanwhile, users who want to access in-depth contents or perform some actions in various applications, they should register by themselves and then contact the portal administrators to gain certain rights or permissions. To register a new account, do as follows:

Step 1: Click **Register** on the upper right corner of the GateIn homepage. The **Register New Account** form will appear.



The screenshot shows a web form titled "Register New Account". It contains the following fields and elements:

- User Name:** A text input field with a magnifying glass icon to its right.
- Password:** A text input field with an asterisk (*) to its right.
- Confirm Password:** A text input field with an asterisk (*) to its right.
- First Name:** A text input field with an asterisk (*) to its right.
- Last Name:** A text input field with an asterisk (*) to its right.
- Email Address:** A text input field with an asterisk (*) to its right.
- Text validation:** A text input field containing a distorted image of the text "k8x28".
- Buttons:** Two buttons labeled "Subscribe" and "Reset" are located at the bottom of the form.

Illustration 25: The Register New Account form

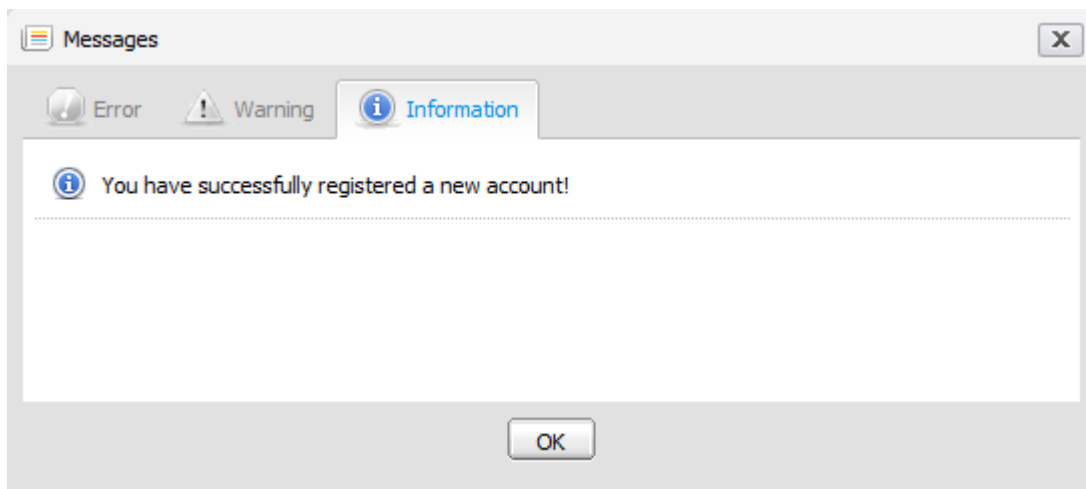
Details:

User Name:	The user's login name that must be unique with at least 3 characters.
Password:	The password used to login that must have at least 6 characters.
Confirm Password:	The re-typed password. The Password and Confirm Password must be the same.
First Name:	The user's first name which must start with a character.
Last Name:	The user's last name which must start with a character.
Email Address:	The user's email which must be in the right format, for example: username@abc.com.
Text validation:	The text which is required to enter to validate the registration.

These are required fields, the **User Name** must contain only alpha, digit and underscore characters and must be unique.

Step 2: Enter values for fields in this form.

Step 3: Click the **Subscribe** button to accept adding a new account or the **Reset** button to clear the entered values. After you click the **Subscribe** button, there will be a message which informs that you have registered your account successfully.



Step 4: Click **OK** to finish creating your account.

There will be an alert message which informs that you can not add a new account if one of these cases occurs:

- **User name** is existing or **User Name** is invalid.
- **Password** has less than 6 characters.
- **Password** and **Confirm Password** are not the same.
- **Email Address** is in a invalid format.

- Required fields are blank (empty).
- Text verification isn't correct.

After adding a new account, contact with administrator to get rights or only be a visitor.

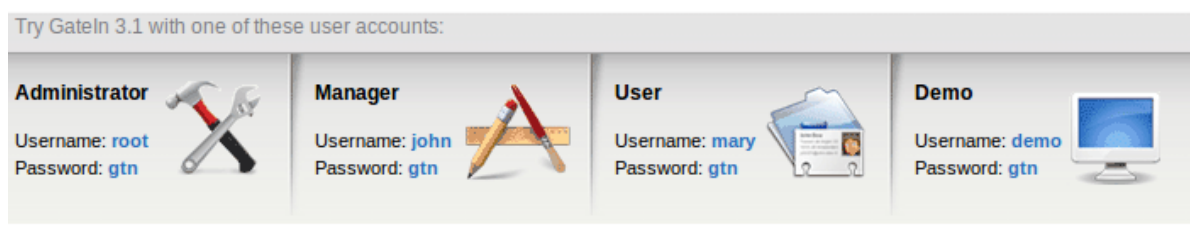
Note:

1. The magnifying glass icon is used to search whether the entered User Name exists or not. Once a user has registered by himself or the administrator has created a new account, the new user will become a part of the group "/platform/users" with membership by default.
2. The text validation can appear or not, depending on the customization of portal's administrator.

5.2 Sign In and Sign out

5.2.1 Sign In

By default, GateIn initializes some users with specific rights.



Details:

- Being an administrator, **root** has the highest right in any portal. Root controls all resources such as: users, groups, memberships, pages, navigations, portlets. Root can do anything in a portal except the private resources of another users.
- Being a manager, **john** can take some actions that are supported only for a manager.
- Being a visitor, **marry** is like a freedom user, so she can only visit and read news.

GateIn may be accessed by using a browser with a regular connection (HTTP). If you are using a default bundle installation in your local computer, you can access it through the URL and by default, the address: `http://localhost:8080/portal/` runs into a portal named “classic”. Otherwise, you will have to contact your administrator to ask for the initial URL.

With GateIn 3.1, users can sign in the portal via 2 ways:

The 1st way:



Illustration 26: The main screen of GateIn Portal

Step 1: Click the **Sign in** link at the page's top right. The **Sign in** form appears:

Illustration 27: The Sign in form

Details:

User Name:	To input the registered user name.
Password:	To give the password of your user name.
Remember My Login:	To allow you to return to GateIn and to be automatically authenticated based on the cookie value provided by the browser. Thus, you do not have to perform an explicit authentication again.
Forgot your User Name:	To follow some steps to get the forgotten user name or password.
Sign in	To sign into GateIn by the inputted username and password.
Discard	To close the Sign In form.

Step 2: Input your registered **User name** and **Password**.

Step 3: Select the **Remember My Login** checkbox when you sign in GateIn 3.1 at the first time if you want to automatically return to GateIn 3.1 without signing in again. You can see the section "**Remember User Account**" for more details.

Step 4: Click the **Sign in** button to submit the form or the **Discard** button to quit.

Note that in case the username does not exist or the username/password is invalid, you will be returned to the **Sign In** form with an alert message. Type your username or password again.

After signing in successfully, you will be redirected to the homepage and welcomed with

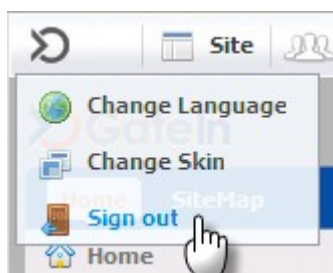
your full name on the top right corner of the page.



The 2nd way: Click directly the default user accounts at the lower of screen. You will be directed to the portal.

5.2.2 Sign out

This feature ends the authenticated session and returns the user to the anonymous portal. To sign out, just hover your mouse over the **Sign Out** icon on the top right corner and click that icon.



5.3 Remember User Account

Users who regularly return to GateIn 3.1 can be automatically authenticated to avoid doing an explicit authentication each time they access the portal. Follow these steps:

Step 1: Input your registered username and password.

Step 2: Select the **Remember My Login** checkbox when logging in GateIn 3.1 at the first time.

Step 3: Click the **Sign In** button to submit the form.

To be authenticated for the next time you sign in automatically, do not sign out when you leave the portal.

5.4 Change Account Settings

This function allows you to change your account information. To do so, click directly your

account after logging in to open the **Account Profiles** form.



The **Account Profiles** form will be shown:

The screenshot shows a dialog box titled 'Account Profiles' with a tabbed interface. The 'Account Profiles' tab is selected, showing a form with four input fields: 'User Name' (containing 'root'), 'First Name' (containing 'Root'), 'Last Name' (containing 'Root'), and 'Email' (containing 'root@localhost'). Each field has a small asterisk icon to its right. Below the fields are two buttons: 'Save' and 'Reset'. At the bottom center of the dialog is a 'Close' button. The 'Change Password' tab is also visible but not selected.

Illustration 28: The Account Profiles Dialog

To change your Account Profiles, do as follows:

Step 1: Select the **Account Profiles** tab.

This tab displays basic information about the current user.

Step 2: Change your **First Name**, **Last Name**, **Email**. Your **User Name** can not be changed.

Step 3: Click **Save** to accept changes.

To change your Password, do as follows:

Step 1: Select the **Change Password** tab.

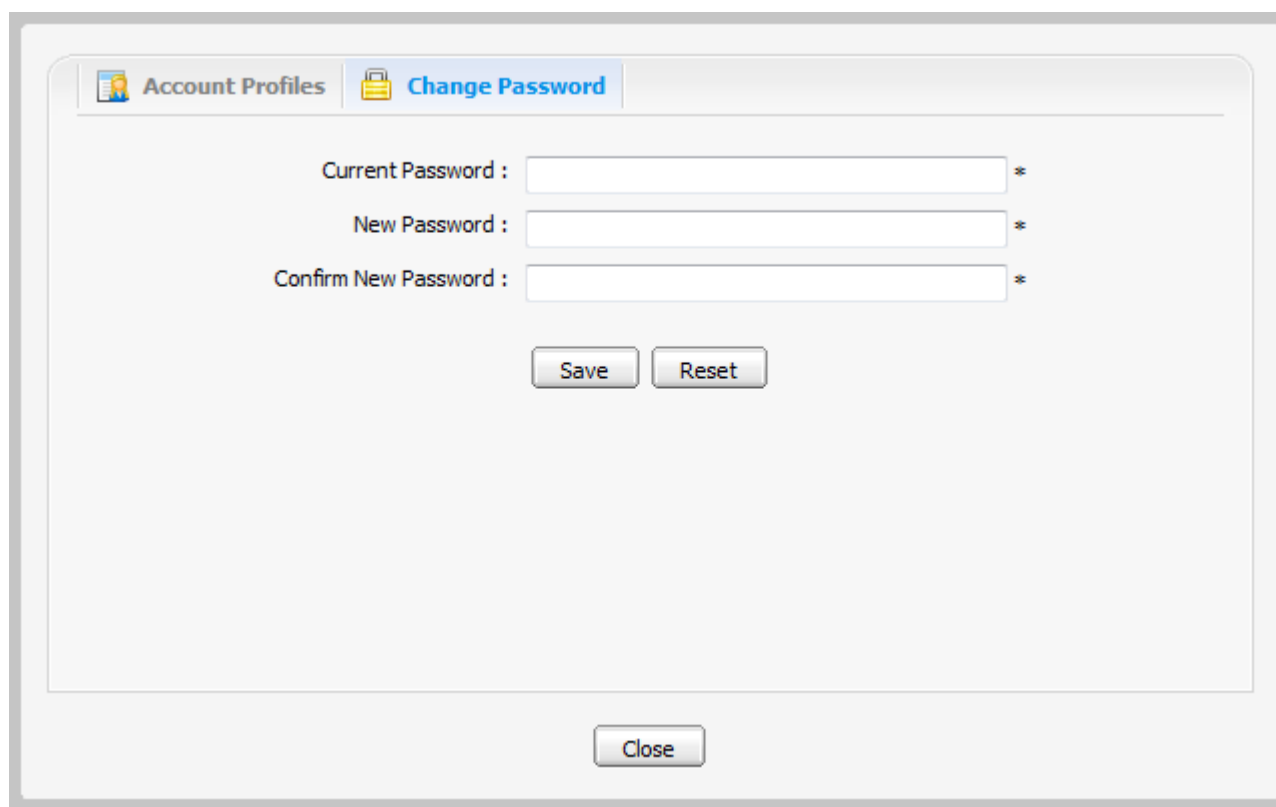
The screenshot shows a web interface with two tabs: 'Account Profiles' and 'Change Password'. The 'Change Password' tab is active. It contains three text input fields labeled 'Current Password', 'New Password', and 'Confirm New Password'. Each field has a small asterisk icon to its right. Below the fields are two buttons: 'Save' and 'Reset'. At the bottom of the form is a 'Close' button.

Illustration 29: The Change Password tab

Step 2: Enter your current password to identify that you are the owner of this account.

Step 3: Enter your new password which must have at least 6 characters.

Step 4: Enter your new password again in the **Confirm New Password** field.

Step 5: Click the **Save** button to accept changes.

Note: If the default accounts' passwords have been changed, the user can no longer sign in the portal by clicking the default accounts directly in the lower of the page.

5.5 Retrieve Account & Password

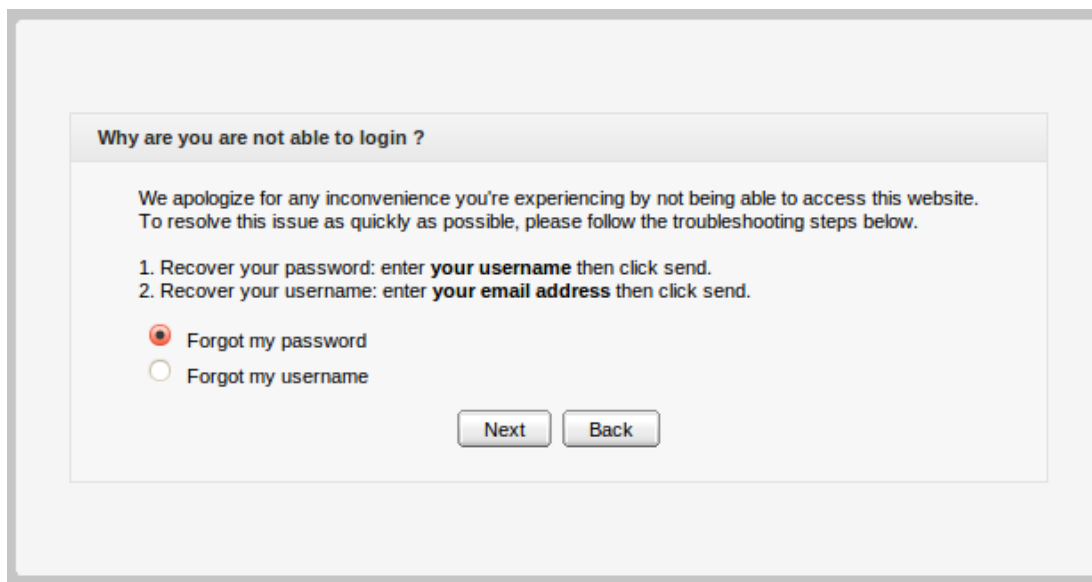
In case you forget your account or password, you can recover by following these steps:

Step 1: Click the link '**Forget your User Name/Password?**' beneath the **Password** field in

the **Sign in** form.

This form offers two options:

- **Forgot my password.**
- **Forgot my username.**

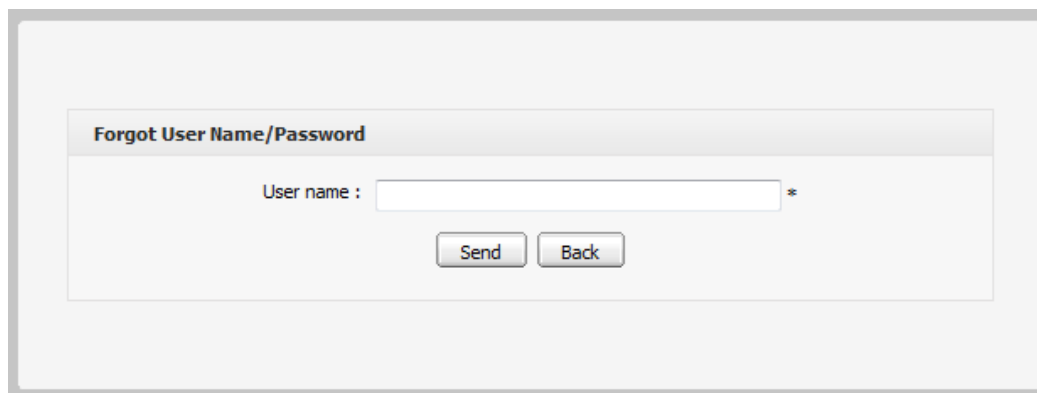


The screenshot shows a web form titled "Why are you are not able to login ?". The form contains an apology message: "We apologize for any inconvenience you're experiencing by not being able to access this website. To resolve this issue as quickly as possible, please follow the troubleshooting steps below." Below the message are two numbered instructions: "1. Recover your password: enter **your username** then click send." and "2. Recover your username: enter **your email address** then click send." There are two radio buttons: the first is selected and labeled "Forgot my password", and the second is unselected and labeled "Forgot my username". At the bottom of the form are two buttons: "Next" and "Back".

Step 2: Select one appropriate option.

Step 3: Click the **Next** button to go the next step. You will be prompted to provide identification information, depending on your choice.

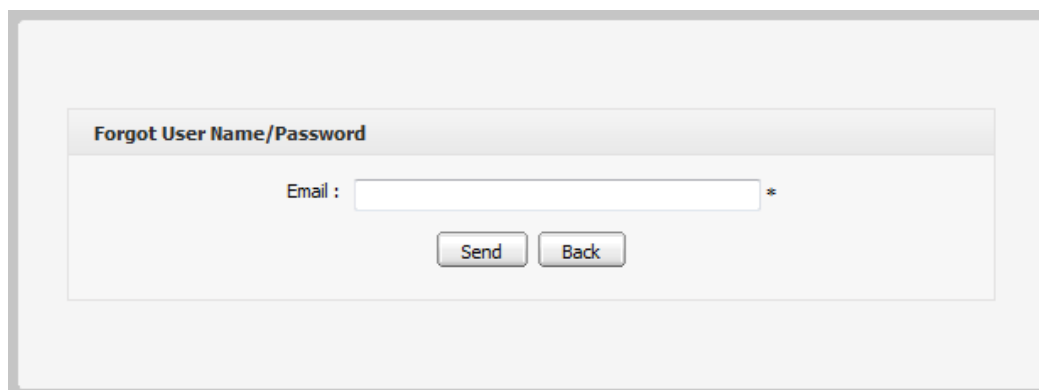
*- If you selected the **Forgot my password** option, you will be prompted for your user name:*



The screenshot shows a web form titled "Forgot User Name/Password". The form has a single input field labeled "User name :" followed by an asterisk (*). Below the input field are two buttons: "Send" and "Back".

*- If you selected the **Forgot my username** option, you will be prompted for*

your email:



Step 4: Enter your **Username** or **Email**.

Step 5: Click **Send** to submit the entered values.

After the form is sent, an email will be sent to your email address with the requested information.

- *If you forgot Username:* when your Username is retrieved, your old **Username** is recovered and can be reused.
- *If you forgot Password:* you will be sent a new password (as temporary) and then you will be redirected to change password when you sign in.

Note that the **User name/Password** that you received only takes effect for one day. It means that if the current duration is over one day as from the receipt day, you can not use the received **User name/Password**. Thus, you have to get another active email.

5.6 Language Administration


The priority order of displaying language is 1. User's language 2. Browser's language 3. Portal 's language. Thus to display your preferred language, you should pay attention to this order to change language type appropriately.

5.6.1 Change the display language permanently


Do as any of following ways:

The 1st way:

Step 1: Click **Site** on the administration toolbar and select the portal that you want to edit.

Step 2: Click the button  **Edit Layout** which corresponds to the portal that you want to edit.

The portal will be displayed under the edit mode.

Step 3: Click the button  **Portal Properties** to edit portal properties.

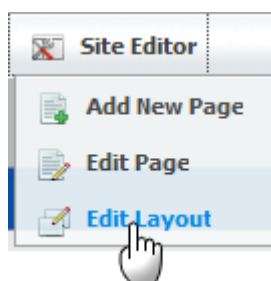
Step 4: In the **Portal Setting** tab: You can change display language of a Portal by selecting another language in the **Locale** field.

Step 5: Click **Save** and **Finish**  icon to take affect.


The 2nd way:

Step 1: Click **Site** on the administration toolbar to open the portal list

Step 2: Click **Site Editor** and select **Edit Layout** in the menu:



The portal will be displayed under the edit mode.

Step 3: Click the button  **Portal Properties** to edit portal properties.

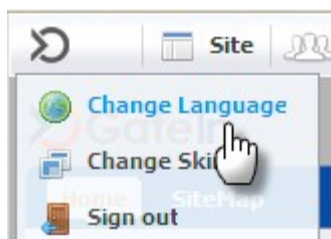
Step 4: In the **Portal Setting** tab: You can change display language of a Portal by selecting another language in the **Locale** field.

Step 5: Click **Save** and **Finish** icon  to take affect.


The 3rd way: This way is used to set the displaying language for yourself, not for displaying the language of Portal.

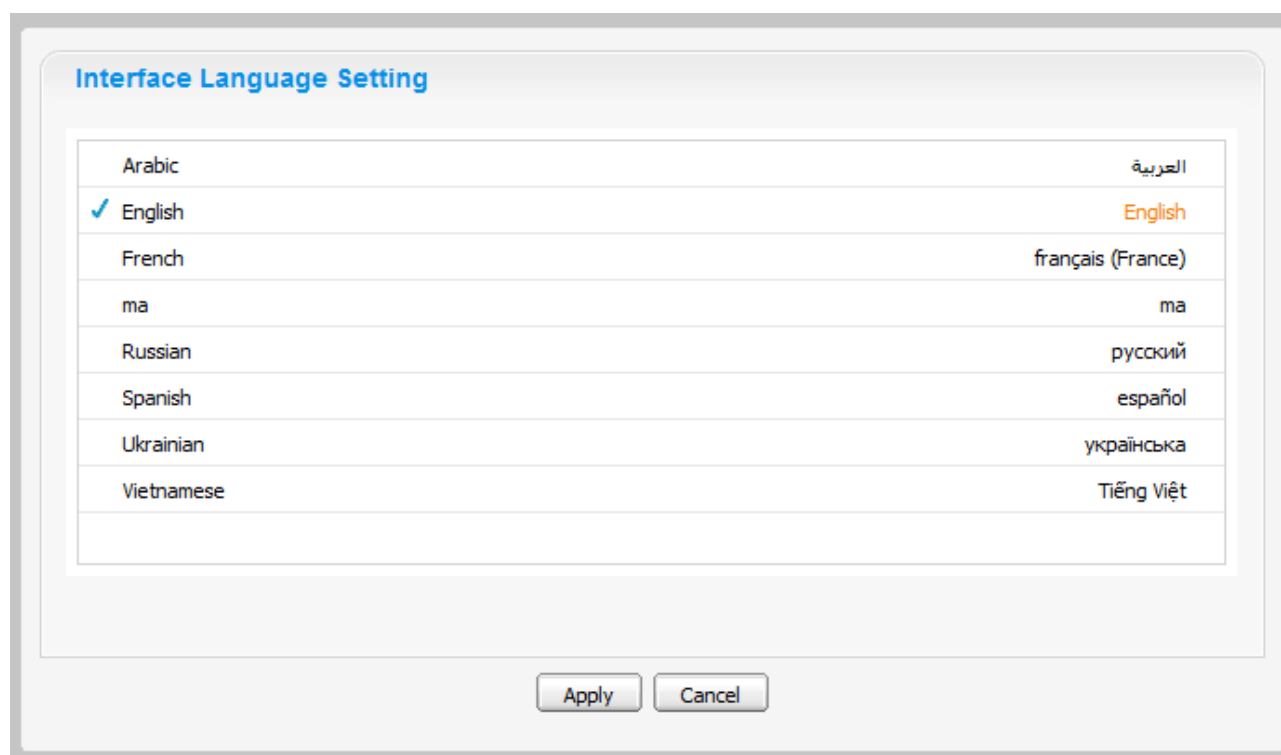
Only users having administration role can do this:


Step 1: Go to **Star--> Change Language**



The **Interface Language Setting** form is displayed with a list of all supported languages.

The current using language is marked by the  icon.



Interface Language Setting	
Arabic	العربية
 English	English
French	français (France)
ma	ma
Russian	русский
Spanish	español
Ukrainian	українська
Vietnamese	Tiếng Việt

Apply Cancel

Illustration 30: The Interface Language Setting form

Step 2: Select another one by clicking on the name of that language.

Step 3: Click **Apply** and wait for few seconds to take affect.

Note:

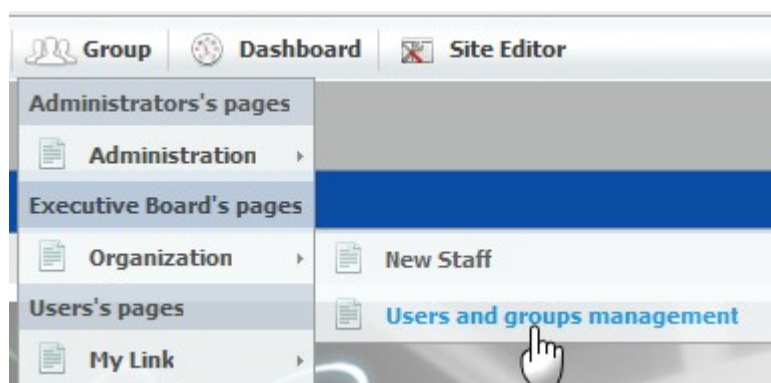
- *This displaying language will be kept permanently till you change your displaying language by another one.*
- *When you change from other language to Arabic or set the displaying language is Arabic. The displaying on Portal will be changed to Right to Left (RTL) direction because when Arabists read, they usually read from Right to left.*


5.6.2 Change the display language for another user

By this way, you can change not only your displaying language but also the displaying language of another users if you have the access right in the **Organization** portlet.

Do as follows:

Step 1: Go to **Group --> Organization --> Users and groups management**



Step 2: Show the form to edit a user in list by clicking the edit icon  which corresponds to the user that you want to change the displaying language.

Step 3: Select the **User Profile** tab:

User ManagementGroup ManagementMembership Management

Account InfoUser ProfileUser Membership

Given Name:

Family Name:

Nick Name:

Birthday:

Gender: Male

Employer:

Department:

Job Title:

Language: English

Personal Info

Profile

Home Info

Business Info

Save

Cancel

Step 4: Change the displaying language of this user by changing the value of the **Language** field.

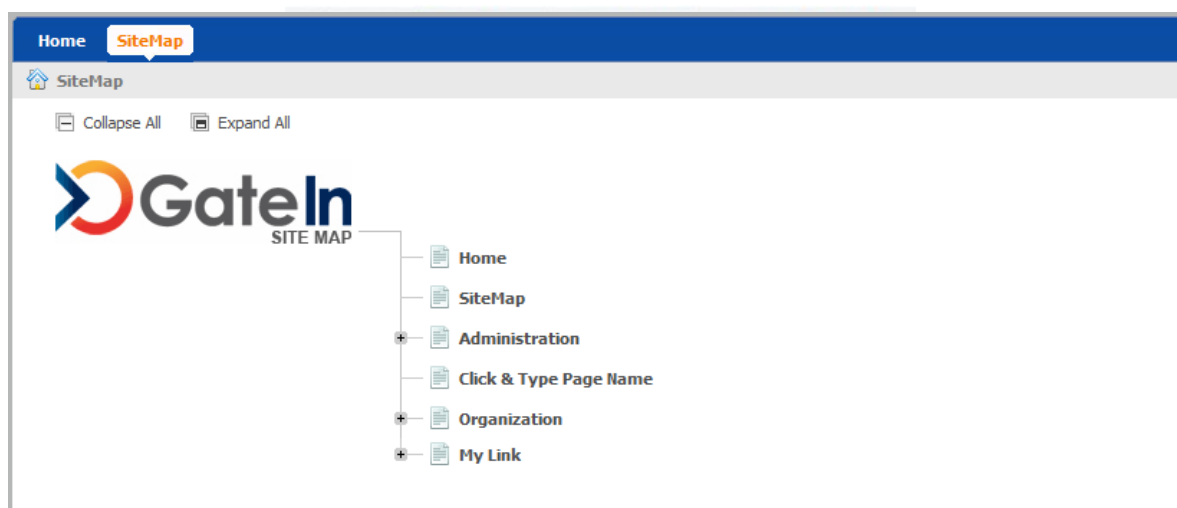
Step 5: Click the **Save** button to accept and save changes or click the **Cancel** button to quit.

The next time when the selected user signs in, the displaying language will be the language changed by the administrator.

5.7 Sitemap management

GateIn Site Map provides users with overall view of GateIn, users can go directly pages through the SiteMap without going through the Administration tool bar.

Step 1: Go to the GateIn SiteMap on the navigation bar or go to Site → classic → SiteMap. The SiteMap page will appear:



Step 2: Click the **Expand All** to see all pages inside (the **Collapse All** button allows backing to the initial).

Step 3: Click directly on the title of a page that users want to manipulate.