

BEXIS 2.2.0

Security System

User Guide

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Precautions

Caution! Do not delete the preset users and roles!

Users. There is just a single user inside the database. The user name is “admin” and the password is “5yyU-gul”.

Roles. In total, there are three roles inside the database. The names are “Admin”, “Scientist” and “Public”.

Permissions: Within the database, there are only permissions for the three default roles. There is no UI for the permissions management yet. Hence you may grant access to a new user only by changing the relationship between the user and at least one of those roles. You are free to create new roles, but you cannot add permissions to new roles.

The default roles comprise the following permissions:

Admin – The role “Admin” grants access to “Administration > Users Manager” and “Administration > Roles Manager”.

Scientist – This role grants access to “Plan” (incl. all sub-items) and “Collect”.

Public – This role grants access to “Search”, “Administration > Search Manager” and “Administration > Refresh Search”.

Account

By default, only a few components of BEXIS are accessible for anonymous users. Any further access to the application is available for authorized users, only. Therefore you need to register and create an account. After a successful registration you are able to logon to BEXIS using your account credentials for authentication.

Registration

First press [**LogOn**] in the upper right corner. The system redirects you to the logon form (see fig 2). There you must press **Register** which is directly below the menu bar within the text. Figure 1 shows the registration form. You have to complete the form before you press Register, otherwise the registration will fail. Furthermore, the system supports you with different validation messages if any information is not valid.

The image shows a screenshot of the BEXIS web application's registration page. The page has a blue header with the BEXIS logo on the left and a 'Log On' link on the right. Below the header is a navigation menu with 'Home', 'Search', 'File', 'Collect', and 'Administrative'. The main content area is titled 'Create a New Account' and contains a form with the following fields: 'User name', 'Email address', 'Password', 'Confirm Password', 'Security question' (with a dropdown arrow), 'Security Answer', and 'Confirm Security Answer'. A 'Register' button is located at the bottom of the form. The page also includes a 'Default' dropdown menu and a 'Change' link in the top right corner.

Figure 1

LogOn

First press [**LogOn**] in the upper right corner. The system redirects you to the logon form (see fig 1) and you have to enter your account credentials (user name and password). If the logon is successful, you will see a short welcome message instead of [**LogOn**]. Otherwise, the system will notify you about the status and reason why the logon was not successful.

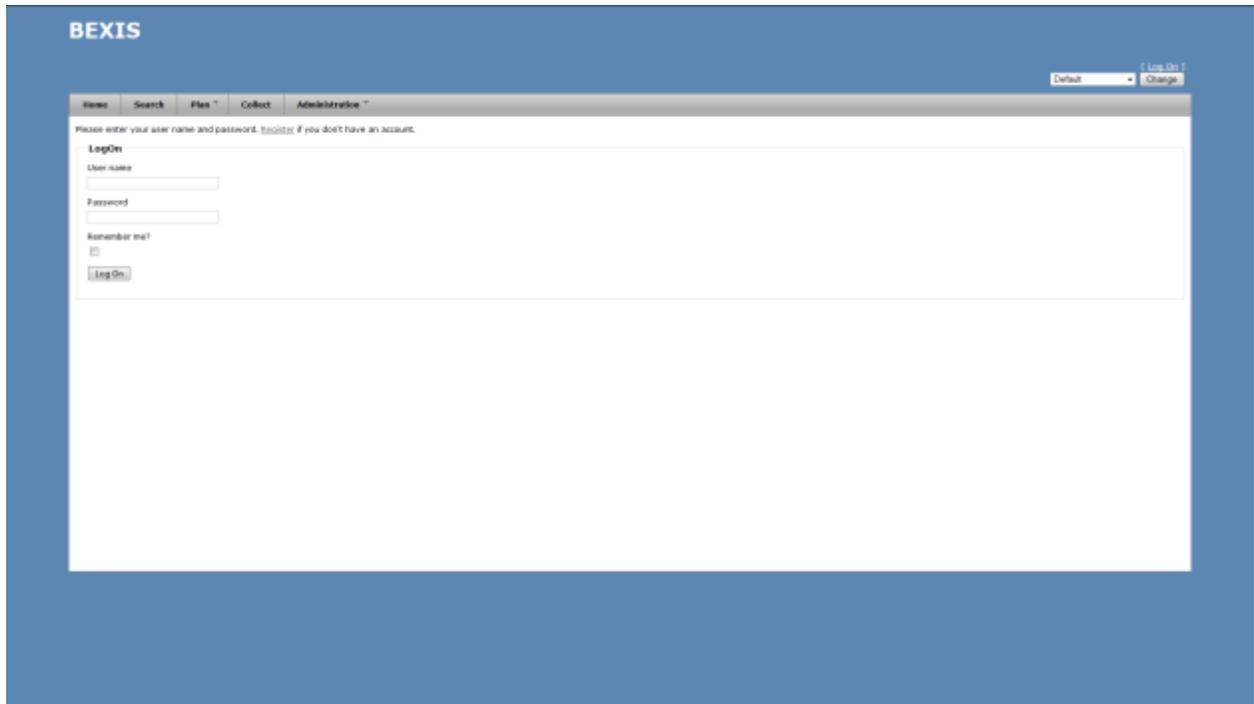


Figure 2

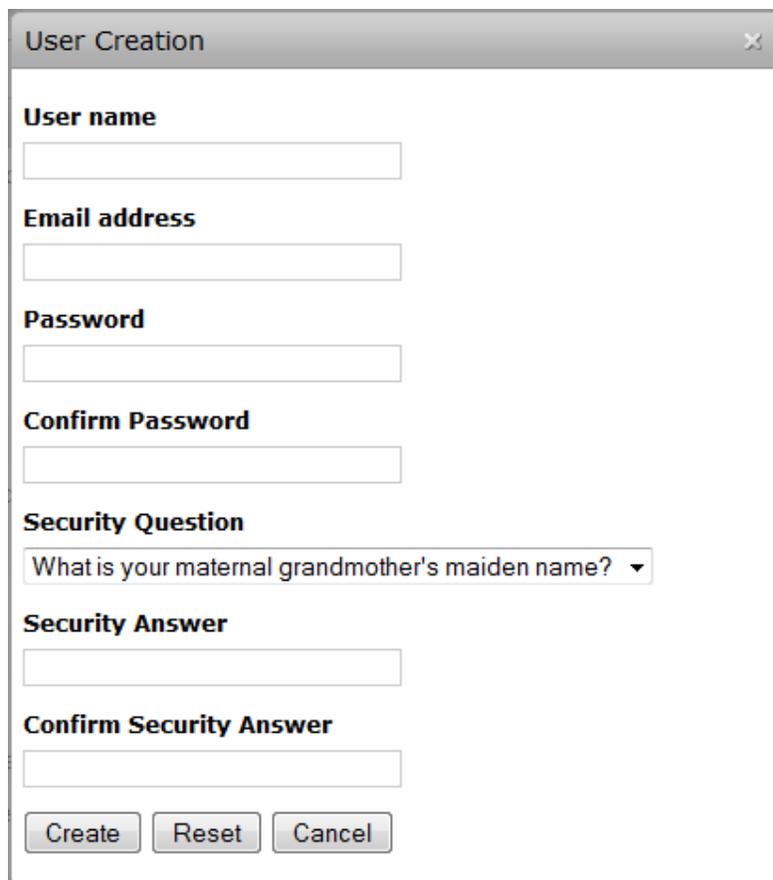
Users

Caution! This part of the system is secured. You may not have access to it.

BEXIS provides different features for managing users. These are typically available to system administrators only. Each of them is described in more detail in one of the following subsections.

Creation

In addition to the self-registration procedure, user accounts may also be created by an administrator. This feature is available from **Administration > Users Manager**. Please press the **+New User** button. A modal window will pop up that contains the user creation form (see [fig 3](#)). Similar to the self-registration, the system supports you with validation on all information entered.



The image shows a modal window titled "User Creation" with a close button (X) in the top right corner. The form contains the following fields and controls:

- User name**: A text input field.
- Email address**: A text input field.
- Password**: A text input field.
- Confirm Password**: A text input field.
- Security Question**: A dropdown menu with the selected option "What is your maternal grandmother's maiden name?".
- Security Answer**: A text input field.
- Confirm Security Answer**: A text input field.
- At the bottom, there are three buttons: "Create", "Reset", and "Cancel".

Figure 3

Deletion

Please go to **Administration > Users Manager** and press the delete button of the corresponding user. Figure 4 shows the modal window that will pop up after pushing the button. It contains the users contact details and some information on the users activities. The deletion will be confirmed by clicking the **Delete** button.



Figure 4

Details

Within BEXIS you are able to display and modify user information (see [fig 5](#) and [fig 6](#)). For security and usability reasons, the system allows modification only for certain parts of the user information. Please go to **Administration > Users Manager** and press the details button of the respective user. By default, the modal window only shows the user information. To enable the edit mode, please press the **Edit** button. You are now able to alter the user information. Changes are committed to the system once you pressed the **Save** button.

For any given user memberships to certain roles need to be specified. Please go to **Administration > Users Manager** and press the details button of the respective user. Within the modal window please select the tab **Membership** (see [fig 7](#)). There are two different states:

user is in role → checkbox selected
user is NOT in role → checkbox NOT selected

You can change the status easily by (un)select the corresponding checkbox.

Furthermore, the system supports you for all mentioned features with different validation messages if any status or information is not valid.

The dialog box titled "User Details" has three tabs: "User Info", "Membership", and "Feature Permissions". The "User Info" tab is active. It displays the following information:

- User ID:** 328
- User Name:** navabpourn
- Email:** nafiseh.navabpour@uni-jena.de
- Registration Date:** 12/19/2013 1:38:22 PM
- Last Login Date:** 12/19/2013 1:38:43 PM
- Last Activity Date:** 12/19/2013 1:38:43 PM

An "Edit" button is located at the bottom left of the dialog box.

Figure 5

The dialog box titled "User Details" has three tabs: "User Info", "Membership", and "Feature Permissions". The "User Info" tab is active. It displays the following information:

- User ID:** 328
- User Name:** navabpourn
- Email:** nafiseh.navabpour@uni-jena.de
- Registration Date:** 12/19/2013 1:38:22 PM
- Last Login Date:** 12/19/2013 1:38:43 PM
- Last Activity Date:** 12/19/2013 1:38:43 PM

At the bottom of the dialog box, there are three buttons: "Save", "Reset", and "Cancel".

Figure 6

User Details			
User Info		Membership	Feature Permissions
Check	Id	Role Name	Description
<input type="checkbox"/>	5	Admin	Admin
<input type="checkbox"/>	8	DataManager	DataManager
<input type="checkbox"/>	7	DataScientist	DataScientist
<input type="checkbox"/>	269	k	k
<input type="checkbox"/>	270	mmmmmmmmmmmmmmmm...	One morning, when Gregor Samsa woke from troubled dreams, he found himself transformed in his bed into a horrible vermin. He lay on his armour-like back, and if he lifted his head a little he could se
<input type="checkbox"/>	6	Public	for public available features
<input type="checkbox"/>	90	RoleTTTTDDDD	role1
<input type="checkbox"/>	50	SuperAdmin	access to all datasets
<input type="checkbox"/>	191	test2	sdaasda
<input type="checkbox"/>	192	testa	second

Figure 7

Roles

Caution! This part of the system is secured. You may not have access to it.

BEXIS provides different features for the managing roles. They are typically available to system administrators only. Each of them is described in more detail in the following subsections.

Creation

To use this feature, This feature is available from **Administration > Roles Manager**. Please press the **+New Role** button. A modal window will pop up that contains the role creation form (see fig 8). The system supports you with validation on all information entered.

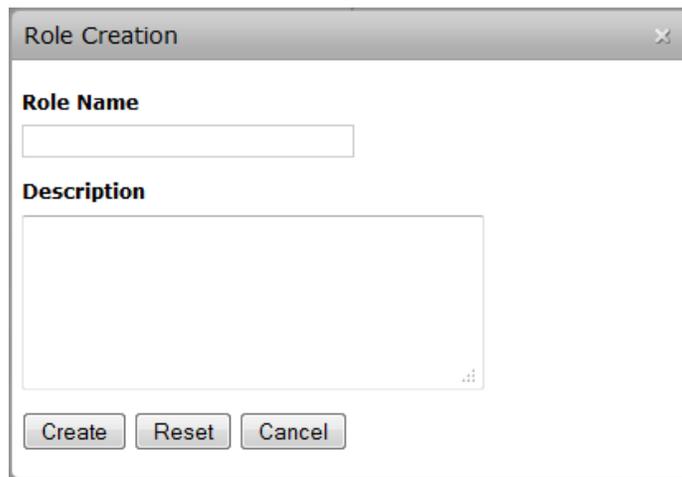
A screenshot of a modal window titled "Role Creation". The window has a title bar with a close button (X) in the top right corner. Inside the window, there are two main sections: "Role Name" and "Description". The "Role Name" section has a single-line text input field. The "Description" section has a larger, multi-line text area with a small icon in the bottom right corner. At the bottom of the window, there are three buttons: "Create", "Reset", and "Cancel".

Figure 8

Deletion

Please go to **Administration > Roles Manager** and press the delete button of the corresponding role. Figure 9 shows the modal window that will pop up after pushing the button. It contains a few details about the role. The deletion will be confirmed by clicking the **Delete** button.

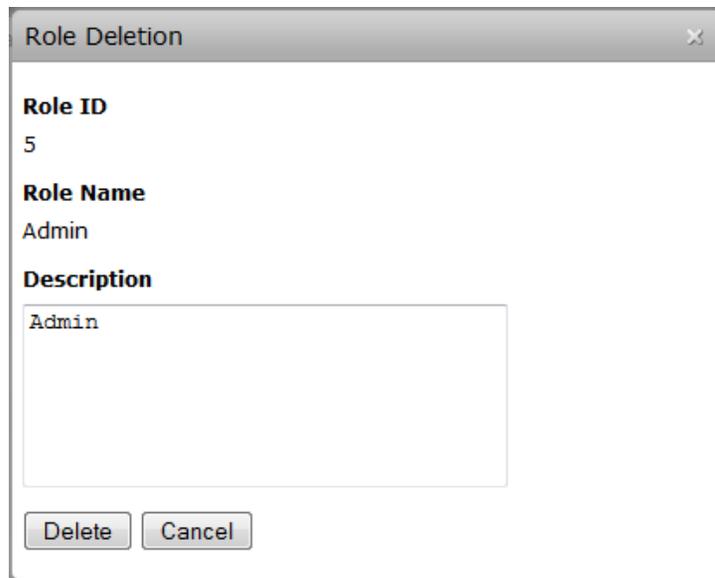


Figure 9

Details

Within BEXIS you are able to display and modify role information (see fig 10 and fig 11). Please go to **Administration > Roles Manager** and press the details button of the respective role. By default, the modal window only shows the role information. To enable the edit mode, please press the **Edit** button. You are now able to alter the role information. Changes are committed to the system once you pressed the **Save** button.

For any given role memberships of users need to be specified. Please go to **Administration > Roles Manager** and press the details button of the respective role. Within the modal window please select the tab **Membership** (see fig 12). There are two different states:

user is in role → checkbox selected
user is NOT in role → checkbox NOT selected

You can change the status easily by (un)select the corresponding checkbox.

Furthermore, the system supports you for all mentioned features with different validation messages if any status or information is not valid.



The screenshot shows a dialog box titled "Role Details" with a close button (X) in the top right corner. It features three tabs: "Role Info", "Membership", and "Feature Permissions". The "Role Info" tab is active. The form contains the following fields:

- Role ID:** 5
- Role Name:** Admin (text input field)
- Description:** Admin (text area)

An "Edit" button is located at the bottom left of the form area.

Figure 10



The screenshot shows the same "Role Details" dialog box as in Figure 10, but with different controls. The "Role Info" tab is still active, and the data (Role ID: 5, Role Name: Admin, Description: Admin) remains the same. At the bottom of the form, there are three buttons: "Save", "Reset", and "Cancel".

Figure 11

Role Details			
Membership			
Check	Id	User Name	Email
<input checked="" type="checkbox"/>	171	adminTest	wer@ww.de
<input checked="" type="checkbox"/>	1	bexis1	bexis1@bexis.com
<input type="checkbox"/>	9	David	dblaa@bgc-jena.mpg.de
<input checked="" type="checkbox"/>	48	epetzold	eleonora.petzold@klanggeruest.de
<input type="checkbox"/>	233	eTest	etest@test.de
<input checked="" type="checkbox"/>	234	f	er@l.ol
<input type="checkbox"/>	68	javad	javad.chamanara@uni-jena.de
<input type="checkbox"/>	170	manTest	dd@ww.de
<input checked="" type="checkbox"/>	29	Martin	martin-hohmuth@uni-jena.de
<input type="checkbox"/>	208	michael	michael.owonibi@googlemail.com
<input type="checkbox"/>	30	Nafiseh	navabpourn@gmail.com
<input type="checkbox"/>	328	navabpourn	nafiseh.navabpour@uni-jena.de
<input type="checkbox"/>	288	Payman	navabpourp@gmail.com
<input type="checkbox"/>	168	pubTest	ttd@dd.de
<input type="checkbox"/>	28	Roman	abcd@www.net
<input type="checkbox"/>	169	sciTest	sciTest@dd.de
<input type="checkbox"/>	289	Shamlou	navabpourn@shamlou.org
<input checked="" type="checkbox"/>	10	Sven	sven@bexis.de

Figure 12