

iKnowBase Portlet Reference

Version 8.1.6

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iKnowBase Portlet Reference

Welcome to iKnowBase! This is the on-line documentation for iKnowBase. Please enjoy!

iKnowBase Portlet Reference provides information about how you can work with the various iKnowBase portlets for configuring and building your iKnowBase application.

The iKnowBase portlets are configured in Development Studio, as part of an iKnowBase Page. In order to configure an iKnowBase portlet, you must add it to the appropriate Page. On the Component tab of the **Edit** pane for a Page you will find all available portlets in the list which appears when you click the **Add portlet** action. Select the appropriate portlet. This will give you access to configure the selected portlet. Click on the pencil-icon to the far right, to open the **Edit** pane for the portlet.

Chapter 1. Activiti Task Form

1.1. Properties

This section describes the properties of an Activiti Form portlet, as shown on the corresponding **Edit** pane.

configure | main

Configure a activiti form viewer as a portlet Save (s) Save and close (x) Cancel

Configure a activiti form viewer as a portlet

Title

Template set

Add shared templates or create an inline template definition

[Add Shared template](#) [Add Inline template](#)

Action	Identiflabel	Inline/shared	Template	Implementation Type
<input checked="" type="checkbox"/> copy share	<input type="text" value="main"/>	Inline	Edit template in separate tab	FREEMARKER

Title	Type the title of this portlet, used only for identification purposes during development.
Template set	Please see Template Set in the <i>iKnowBase Development Reference</i> for more information.

Chapter 2. Content form

2.1. Properties

This section describes the properties of a Content form portlet, as shown on the corresponding **Edit** pane.

The screenshot displays the 'run form' configuration pane in the iKnowBase application. The header shows the iKnowBase logo and user information: 'User: ORCLADMIN (us)', 'Database: IKNOWBASE@ORCL@prosjekt10', and 'About - ikb\$console - ikb\$developer - Strip is ON'. Below the header are three tabs: 'user directory', 'development tools', and 'metadata management'. The 'configure' tab is active, showing the 'run form' configuration area. The 'run form' section is titled 'run form' and is described as 'Generic portlet used to run Forms'. It contains several configuration options:

- portlet title: My form
- default value: select a form: [dropdown menu]
- or task wizard: iKB Workspace - Flow
- override p_document_id (use parameter instead): iKB Attrib: DocumentID
- override p_parent_id (use parameter instead): iKB Attrib: DocumentID
- exclude scripts for userpopup, versioning and tinymce:
- use always this form/wizard?:
- override default form name (form_<style_id>): [text input]

Buttons for 'Apply', 'Finish', and 'Cancel' are located at the top right of the configuration area.

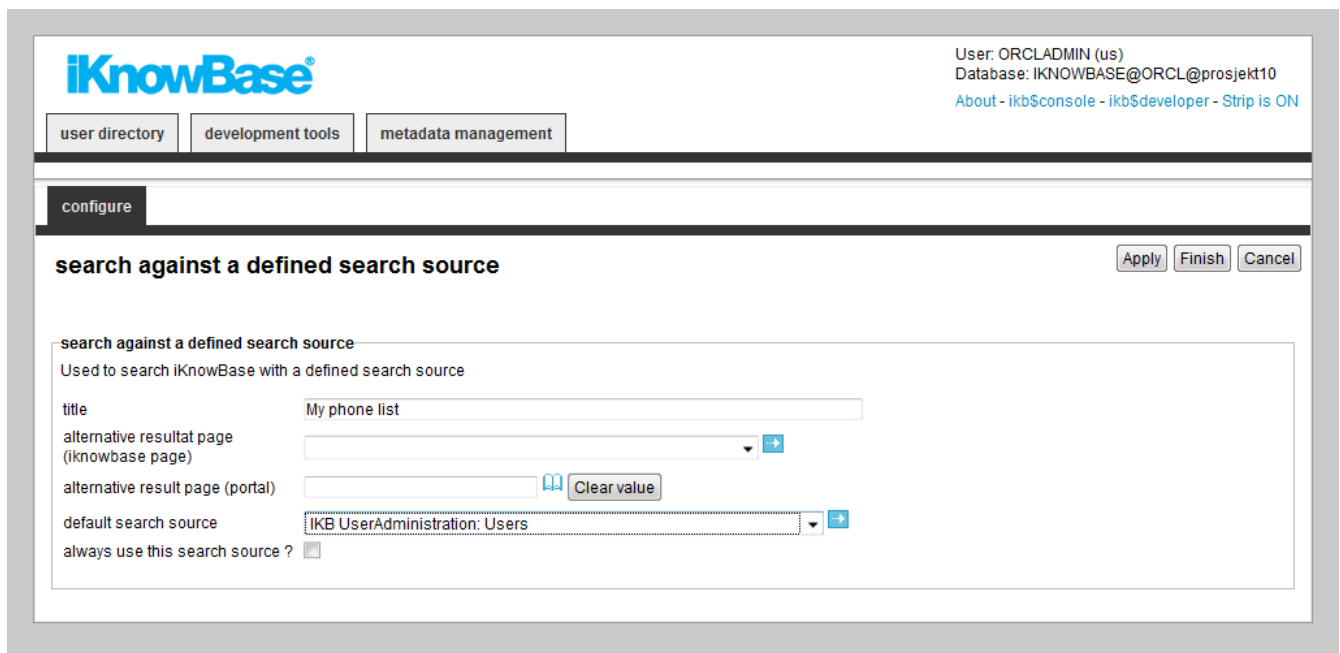
Chapter 3. Content search

The Content search portlet is used to display the search form and result as configured in the given Search source component. Typically you should create a Target for the page containing the Search source portlet. Add the parameter `p_search_id` to the target, in order to be able to pass the Search source identification as a parameter to the portlet. If this parameter is not passed to the portlet, the portlet uses the Search source as specified in the default search source property.

You can combine several Content search portlets on the same page. In that case, use the **Default search source** properties to specify which Search source components to use.

3.1. Properties

This section describes the properties of a Content search portlet, as shown on the corresponding **Edit** pane.



The screenshot shows the iKnowBase configuration interface. At the top left is the iKnowBase logo. To the right, it displays the user 'ORCLADMIN (us)' and the database 'IKNOWBASE@ORCL@projekt10'. Below the logo are three tabs: 'user directory', 'development tools', and 'metadata management'. A 'configure' tab is selected. The main heading is 'search against a defined search source', with 'Apply', 'Finish', and 'Cancel' buttons to the right. The configuration area contains the following fields:

- title**: A text input field containing 'My phone list'.
- alternative resultat page (iknowbase page)**: A dropdown menu with a right-pointing arrow.
- alternative result page (portal)**: A text input field with a 'Clear value' button.
- default search source**: A dropdown menu showing 'IKB UserAdministration: Users' with a right-pointing arrow.
- always use this search source ?**: A checkbox that is currently unchecked.

Chapter 4. Content search banner

The Content search banner portlet is used to create a dialog box from where the end user can start a search.

You must associate the portlet with one or more Search sources, in which the end user may perform the search. If the portlet is associated with more than one Search source, the end user will be given the choice to select which Search source to use.

You must also associate the portlet with a Target, which decides where to display the search result. The target destination page must contain a Search source portlet. The target may contain the following parameters, the first two are required:

- p_search_id (value from link parameter) which specifies the Search source to use.
- an iKnowBase-attribute parameter which specifies the search criterion.
- p_operation (constant) which specifies if you want to reset a query (mode = reset/new).

The search attribute property of the portlet specifies the same value as the value that you select in the Target, and is the search criterion available to the end user.

4.1. Properties

This section describes the properties of a Build search dialog portlet, as shown on the corresponding Edit pane.

The screenshot shows the 'build search dialogue' configuration page in iKnowBase. The page has a header with the iKnowBase logo and user information (User: ORCLADMIN (n), Database: IKB_MASTER_DEV@ord@prosjekt111). The main content area is titled 'build search dialogue' and contains several sections:

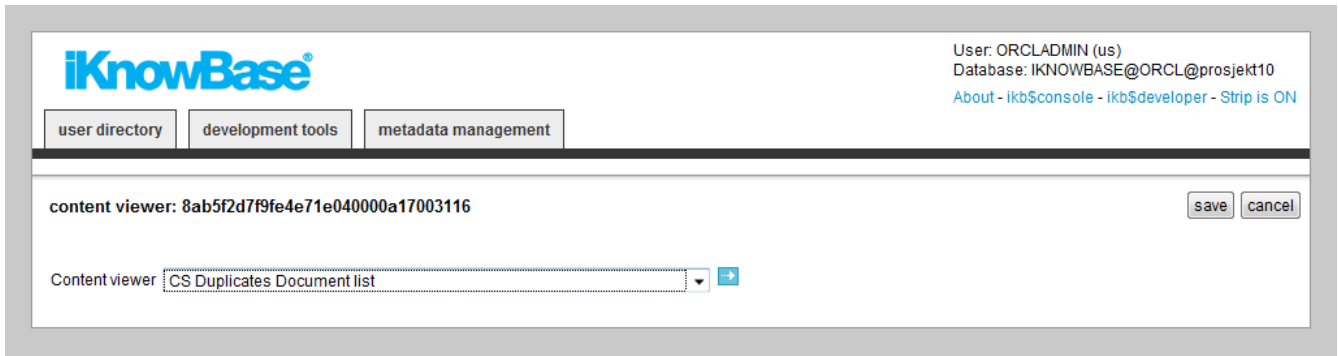
- properties**: A form with fields for title, language, style, stilssett, select target, select banner, search attribute, default in search field, and store search criteria.
- select sources**: A table listing selected search sources.

type	name	label
✖ iKnowBase Search	xNext: Search Simple - All Content	All innhold n
✖ iKnowBase Search	xNext: Search Simple - Customer	Kundeinformasjon n
✖ iKnowBase Search	xNext: Search Simple - Product	Produktinformasjon n
✖ iKnowBase Search	xNext: Search Simple - Process	Prosessinformasjon n
✖ iKnowBase Search	xNext: Search Simple - Subject	Faginformasjon n
✖ iKnowBase Search	xNext: Search Simple - Organization	Organisasjonsinformasjon n
✖ iKnowBase Search	xNext: Search Simple - Workspace	Arbeidsrom n
✖ iKnowBase Search	xNext: Search Simple - Personer	Personer n

Chapter 5. Content viewer

5.1. Properties

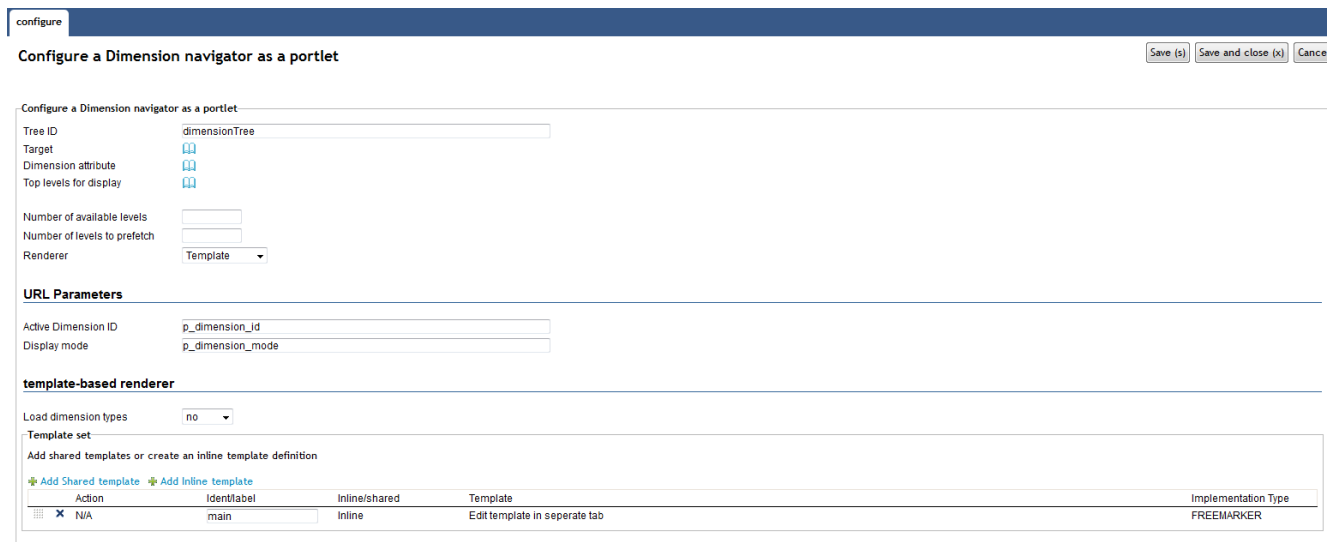
This section describes the properties of a Content viewer portlet, as shown on the corresponding **Edit** pane.



Chapter 6. Dimension viewer

6.1. Properties

This section describes the properties of a Dimension viewer portlet, as shown on the corresponding **Edit** pane.



configure

Configure a Dimension navigator as a portlet Save (s) Save and close (x) Cancel

Configure a Dimension navigator as a portlet

Tree ID

Target

Dimension attribute

Top levels for display

Number of available levels

Number of levels to prefetch

Renderer

URL Parameters

Active Dimension ID

Display mode

template-based renderer

Load dimension types

Template set

Add shared templates or create an inline template definition

[Add Shared template](#) [Add inline template](#)

Action	Ident/label	Inline/shared	Template	Implementation Type
<input checked="" type="checkbox"/>	main	inline	Edit template in separate tab	FREEMARKER

Tree ID	The ID used for the dimension viewer, when rendering on the page. If you have more than one dimension viewer on a page, they must have unique names.
Target	Select the target that will be activated when the user clicks a dimension node.
Dimension attribute	If you select an attribute (of type dimension), this dimension viewer will only display values that are legal for that attribute.
Top levels for display	Select one or more dimension nodes that you want to use as top levels.
Number of available levels	Enter the number of levels you want to display in this dimension viewer.
Number of levels to prefetch	Enter the number of levels you want to prefetch for the dimension viewer. Dimension nodes outside this level (but inside the total number of available levels as specified above) will be loaded from the server on demand.
Extra information	Select "load dimension types" to have the dimension viewer load dimension type information (available only for template-based renderers). This will lead to slightly lower performance.
Renderer	Select the renderer you want to use. "Traditional" will give you an automatic rendering, while "Template" will let you design your own layout.

Template set (only for Template rendering)	Please see Template Set in the <i>iKnowBase Development Reference</i> for more information.
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Chapter 7. Document actions

7.1. Properties

This section describes the properties of a Document actions portlet, as shown on the corresponding **Edit** pane.

run action dialog Save (s) Save and close (X) Cancel

run action dialog
Generic portlet used to build dialogue for document operation (copy, move, favorite)

title

font class

show description

show labels

show close button

show status

stylesheet

input attribute

select action	sort
<input checked="" type="checkbox"/> Set expire date	<input type="text" value="3"/>
<input checked="" type="checkbox"/> Activate document/folder	<input type="text" value="4"/>
<input checked="" type="checkbox"/> Detach from folder	<input type="text" value="7"/>
<input checked="" type="checkbox"/> Copy only this document/folder	<input type="text" value="8"/>
<input checked="" type="checkbox"/> Set bookmark	<input type="text" value="9"/>
<input checked="" type="checkbox"/> Remove bookmark	<input type="text" value="10"/>
<input checked="" type="checkbox"/> Copy document/folder with subdocuments	<input type="text" value="11"/>
<input checked="" type="checkbox"/> Send mail when the folder/document is changed	<input type="text" value="13"/>
<input checked="" type="checkbox"/> Delete mail notification	<input type="text" value="14"/>
<input checked="" type="checkbox"/> Add to newsletter when the folder/document is changed	<input type="text" value="15"/>
<input checked="" type="checkbox"/> Detach from newsletter	<input type="text" value="16"/>
<input checked="" type="checkbox"/> Send SMS when the folder/document is changed	<input type="text" value="17"/>
<input checked="" type="checkbox"/> Detach from SMS notification	<input type="text" value="18"/>

Chapter 8. Document preview

8.1. Properties

This section describes the properties of a Document preview portlet, as shown on the corresponding **Edit** pane.

The screenshot shows the iKnowBase configuration interface. At the top left is the iKnowBase logo. At the top right, it displays the user 'ORCLADMIN (us)', the database 'IKNOWBASE@ORCL@projekt10', and links for 'About - ikb\$console - ikb\$developer - Strip is ON'. Below the logo are three tabs: 'user directory', 'development tools', and 'metadata management'. A 'configure' tab is active. The main area is titled 'run preview' and contains a form with the following fields:

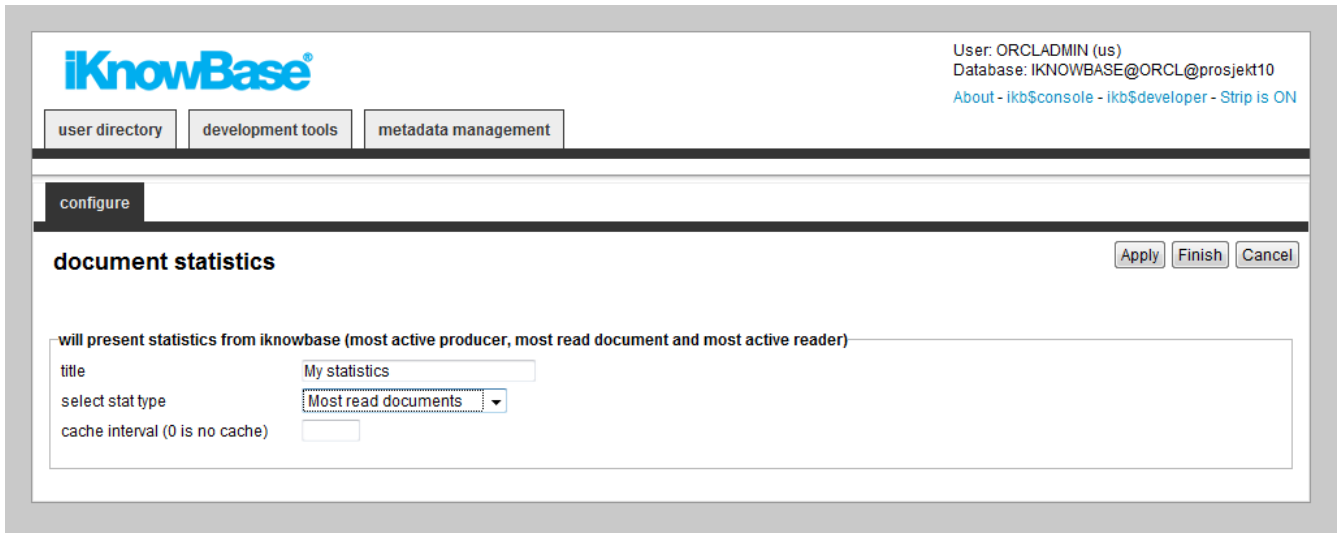
- title:** Preview for news
- font class:** (empty text field)
- stylesheet:** CS csComponent with h1-title
- input attribute:** iKB Attrib: DocumentID

Buttons for 'Apply', 'Finish', and 'Cancel' are located in the top right corner of the configuration area.

Chapter 9. Document statistics

9.1. Properties

This section describes the properties of a Document statistics portlet, as shown on the corresponding **Edit** pane.



The screenshot shows the iKnowBase user interface. At the top left is the iKnowBase logo. At the top right, it displays the user 'ORCLADMIN (us)', the database 'IKNOWBASE@ORCL@projekt10', and links for 'About - ikb\$console - ikb\$developer - Strip is ON'. Below the logo are three tabs: 'user directory', 'development tools', and 'metadata management'. A 'configure' tab is selected. The main content area is titled 'document statistics' and includes 'Apply', 'Finish', and 'Cancel' buttons. A text area contains the instruction 'will present statistics from iknowbase (most active producer, most read document and most active reader)'. Below this are three fields: 'title' with the value 'My statistics', 'select stat type' with a dropdown menu showing 'Most read documents', and 'cache interval (0 is no cache)' with an empty input field.

Chapter 10. Iframe viewer

This portlet is used to display content within an @<iframe>@, rather than inline in the page.

You can use this portlet manually or as a part of the menu component. When you define a target page that navigates to this page, menu elements open in a named iFrame.

To create a page that displays HTML pages within the portal page, perform the following steps:

1. Build a page with navigation bars, menus, and logos. You can create this page similar to other pages, so that there is no difference between the pages.
2. Place the **Display URL in iFrames** portlet in the center of the image. To begin with, no content appears. **Note:** The administrator can change the default values if required. . **Display Print button:** Displays a **Print** button that allows the user to call the page in a new window and in a print friendly version. **Print Icon:** In the **Print** availability, choose the graphical object that appears. This is a path to a file area on the server (for example, /images/print.gif) **Default URL:** You can use it to show an application in an iFrame (for example, iKnowBase). You need to separate the iFrame portlet with the display of other URLs.

10.1. Properties

This section describes the properties of a Show URL in iFrame portlet, as shown on the corresponding **Edit** pane.

The screenshot shows the iKnowBase user interface. At the top left is the iKnowBase logo. At the top right, it displays the user 'ORCLADMIN (us)', the database 'IKNOWBASE@ORCL@prosjekt10', and a link 'About - ikb\$console - ikb\$developer - Strip is ON'. Below the logo are three menu items: 'user directory', 'development tools', and 'metadata management'. The main content area is titled 'configure' and contains a section for 'show urls in a iframe'. This section has a description: 'the portlet is used to display a page within a iframe'. Below the description are several configuration fields: 'show icon for printer friendly page' (set to 'No'), 'iframe name' (set to 'Childframe'), 'icon for printer friendly page' (empty), 'default url (default page to be shown)' (empty), 'max height on window' (set to '400'), 'select target' (set to 'xNext: Profile Documents'), 'input parameter' (set to 'iKB Attrib: DocumentID'), and 'attribute' (set to 'Document ID'). At the top right of the configuration area are three buttons: 'Apply', 'Finish', and 'Cancel'.

Chapter 11. Menu viewer

11.1. Properties

This section describes the properties of a Menu viewer portlet, as shown on the corresponding Edit pane tabs.

11.1.1. Main Tab

The screenshot shows the 'maintain' tab for a 'menu viewer' portlet in the iKnowBase application. The interface includes a header with the iKnowBase logo, user information (User: ORCLADMIN (us), Database: IKNOWBASE@ORCL@projekt10), and navigation tabs (user directory, development tools, metadata management). Below the header, there are sub-tabs for 'main' and 'advanced'. The main content area is titled 'maintain "" of type "menu viewer"' and contains several sections for configuration:

- portlet to display advanced menus:** title (My menu), select a render type (Freemarker (template-based)), select a data source type (Dimensions).
- select source and starting point for the menu:** select a top dimension (Organization), dynamic input parameter (iKB Attrib: Dimension), dimension attribute, target (CS Show document).
- input values and conditions:** show root level (Show root level), number of levels (2), cache interval (0 is nocache).
- style / look and feel:** select a template (/TEST/MenuViewer).

Buttons for 'Apply', 'Finish', and 'Cancel' are located at the top right of the configuration area.

11.1.2. Advanced Tab

The content of the Advanced tab is depends on the implementation of the menu style, and will vary from style to style.

Chapter 12. Newsletter administration

12.1. Properties

This section describes the properties of a Newsletter administration portlet, as shown on the corresponding **Edit** pane.

The screenshot shows the iKnowBase administration interface. At the top left is the iKnowBase logo. At the top right, it displays user information: 'User: AVALDE (us)', 'Database: IKNOWBASE@KNETT@nsadb02', and 'About - ikb\$console - ikb\$developer'. Below this are three tabs: 'user directory', 'development tools', and 'metadata management'. The 'development tools' tab is active, and within it, the 'configure' sub-tab is selected. The main content area is titled 'functions for subscription' and contains a form with the following fields:

- title**: iKB Product Newsletter
- * function**: Subscribe
- * language**: English/American
- * newsletter**: www.iknowbase.com - Product Newsletter
- style**: CS csComponent with h1-title

Buttons for 'Apply', 'Finish', and 'Cancel' are located at the top right of the form area.

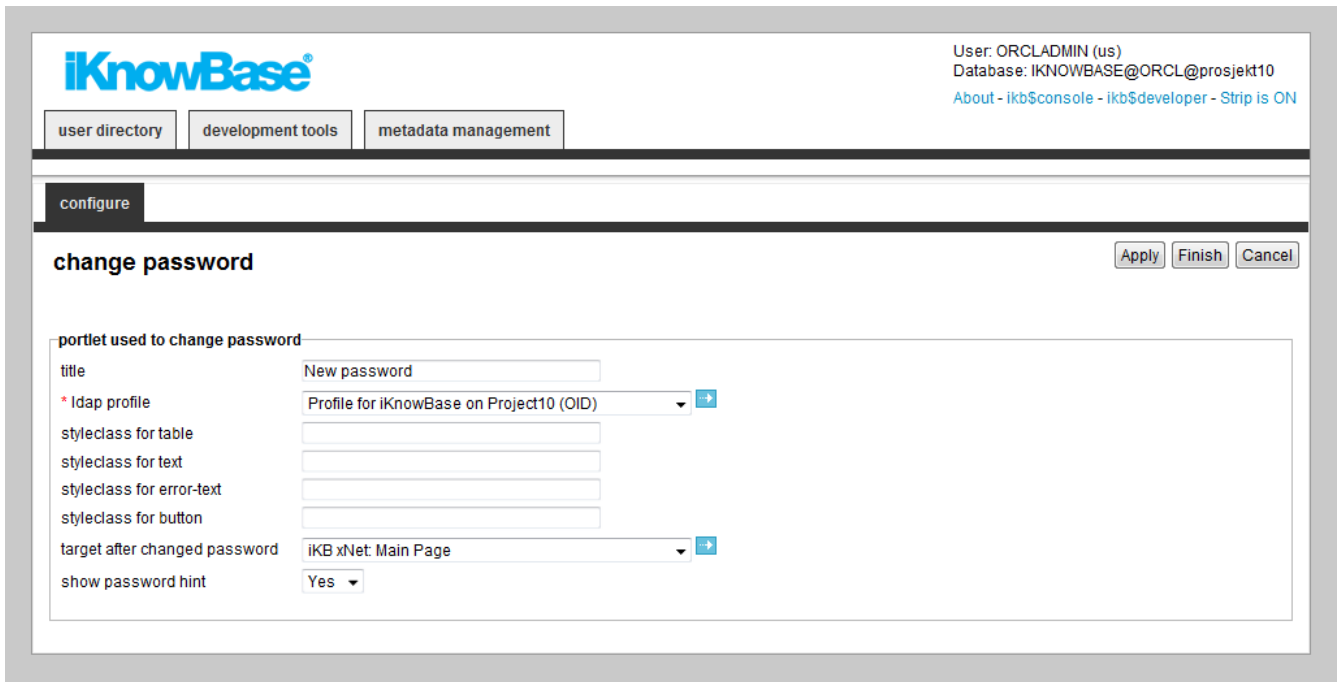
Title	Type a title for this portlet.
Function	Select which function to enable for the portlet. Available options: <ul style="list-style-type: none">• Subscribe Enable functionality to subscribe to the given newsletter.• Unsubscribe Enable functionality to unsubscribe to the given newsletter.• Show subscribers Enable functionality to show subscribers for the given newsletter.• Administration Enable functionality to send and test the given newsletter.
Language	Select the appropriate language for the portlet. If you do not select a language, it is automatically set according to: a) the user language, b) the browser language, c) the domain language in the given order.
Newsletter	Select the Newsletter component for the portlet.
Style	Select the appropriate Styleset.

Chapter 13. OID Change Password

iKnowBase enables you to develop a customized form to allow the users to change the current password and set up a password hint.

13.1. Properties

This section describes the properties of a Change password portlet, as shown on the corresponding Edit pane.



Title	Type a title for this portlet.
LDAP profile	Select the appropriate LDAP profile.
Style class for table	Select a CSS class for the surrounding div-tab.
Style class for text	Select a CSS class that is used in text elements.
Style class for error text	Select a CSS class for the error messages.
Style class for button	Select a CSS class for the form button.
Target page after Password change	Select the target page that appears after the password is changed. If you do not specify the target page, iKnowBase directs the user to the home page.
Show Password hint	Specify if the end user can set a hint for his password with this portlet.

13.2. Error Scenarios

The following scenarios display an error message to the end user:

- Incorrect original password
- Incorrect repetition of the new password
- Number of characters entered are too few
- Hint question provided with no answer

Chapter 14. OID Forgot Password

14.1. Properties

This section describes the properties of a Forgot password portlet, as shown on the corresponding **Edit** pane.

The screenshot displays the configuration interface for the 'forgot password' portlet. At the top left is the iKnowBase logo. The top right corner shows user and database information: 'User: anybakk (n)', 'Database: IKNOWBASE@KNETT@nsadb02', and a link 'About - ikb\$console - ikb\$developer'. Below the logo are three tabs: 'user directory', 'development tools', and 'metadata management'. The 'development tools' tab is active, and a sub-tab 'configure' is selected. The main content area is titled 'forgot password' and contains a form with the following fields: 'title' (text input), '* ldap profile' (dropdown menu with 'e-vita employees@nsaknett.nsa.no' selected), 'e-mail sender' (text input), 'styleclass for table' (text input), 'styleclass for text' (text input), 'styleclass for error-text' (text input), 'styleclass for button' (text input), and 'require password hint' (dropdown menu with 'Ja' selected). In the top right of the form area are three buttons: 'Apply', 'Finish', and 'Cancel'.

Title	Type a title for this portlet.
LDAP Profile	Select the appropriate LDAP profile.
E-mail sender	Type the e-mail address that is used to send e-mails to the users.
Style class for table	Select a CSS class for the surrounding div-tab.
Style class for text	Select a CSS class that is used for the text elements.
Style class for error text	Select a CSS class for the error messages.
Style class for button	Select a CSS class for the form button.

Require Password Hint	Specifies if a user must answer a hint question correctly before a new password is sent. OR Specifies if a hint question must be answered correctly before a new password is sent to the user.
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14.2. Error Scenarios

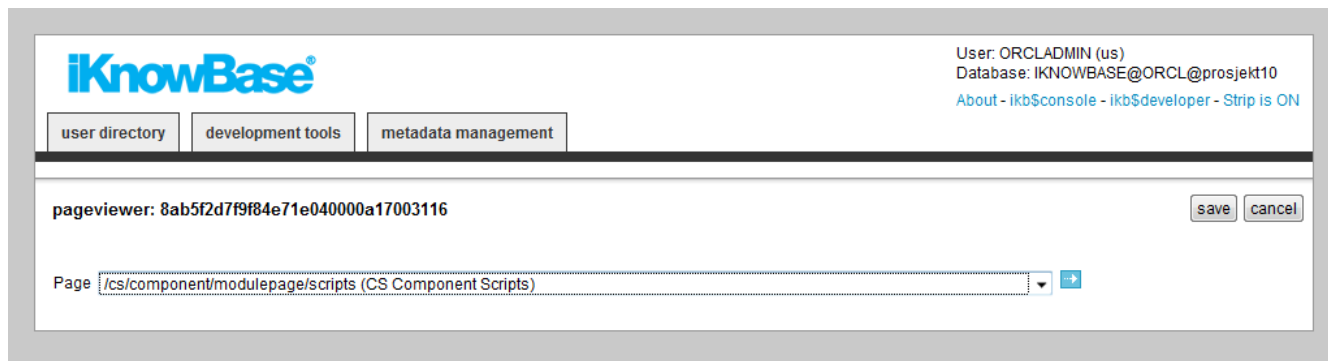
The following scenarios display an error message to the user:

- No user name
- No access provided to the user. It is not possible to reset the password for the users that are members of the Database Administrator Group.
- Unable to find specified user
- User does not specify a hint question for the password
- Hint answer not entered
- Incorrect hint answer

Chapter 15. Page viewer

15.1. Properties

This section describes the properties of a Page viewer portlet, as shown on the corresponding **Edit** pane.



Chapter 16. Process arrow (by attributes)

16.1. Properties

This section describes the properties of a Process arrow by attributes portlet, as shown on the corresponding **Edit** pane.

The screenshot shows the iKnowBase configuration interface. At the top left is the iKnowBase logo. At the top right, it displays user information: "User: ORCLADMIN (us)", "Database: IKNOWBASE@ORCL@projekt10", and "About - ikb\$console - ikb\$developer - Strip is ON". Below this are three tabs: "user directory", "development tools", and "metadata management". A "configure" tab is active. The main heading is "dynamic process arrow" with "Apply", "Finish", and "Cancel" buttons. The configuration area contains a text box with instructions: "The portlet shows a dynamic process arrow Remember: Make sure you have included the stylesheet (text/css) */ressurs/evita/iKBDesktop/images/process_arrow/process_arrow.css". Below this are various fields for configuration: "name" (text input: "My Arrow"), "document attribute (as input)" (dropdown: "iKB Attrib: Organization"), "document attribute (as input) 2" (dropdown: "iKB Attrib: Dimension"), "select 'all steps' attribute" (dropdown: "Flag"), "select 'active' attribute" (dropdown: "External newsfeed"), "select target for process support" (dropdown), "select url target (default _self)" (text input), and a series of text inputs for icons and CSS classes in various states (not started, active, done, and combinations).

Chapter 17. Process arrow (by form wizard)

17.1. Properties

This section describes the properties of a Process arrow by form wizard portlet, as shown on the corresponding **Edit** pane.

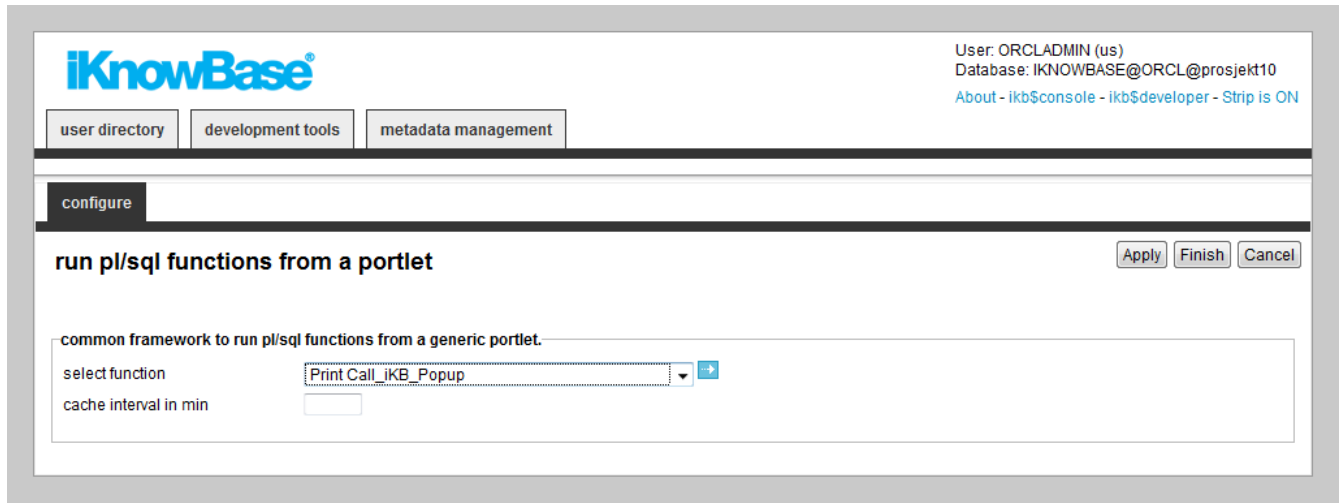
The screenshot shows the iKnowBase user interface. At the top left is the iKnowBase logo. At the top right, it displays user information: 'User: ORCLADMIN (us)', 'Database: IKNOWBASE@ORCL@projekt10', and 'About - ikb\$console - ikb\$developer - Strip is ON'. Below the logo are three navigation tabs: 'user directory', 'development tools', and 'metadata management'. A 'configure' tab is active. The main content area is titled 'process arrow to the task wizard' and includes 'Apply', 'Finish', and 'Cancel' buttons. Below the title is a form with the following properties:

process arrow to the task wizard	
title	Process arrow
dynamic doc. param	iKB Attrib: DocumentID
icon between steps	/ressurs/evita/iKBDesktop/images/process_arrow/divider.gif
css classname not started	form_navigator_off
css classname active	form_navigator_on
css classname done	form_navigator_disabled

Chapter 18. Run PL/SQL function

18.1. Properties

This section describes the properties of a Run PL/SQL-function portlet, as shown on the corresponding **Edit** pane.



Chapter 19. Template viewer

The template viewer is a portlet that runs a script or template, and renders the output as part of the enclosing page.

19.1. Properties

This section describes the properties of a Template viewer portlet, as shown on the corresponding **Edit** pane.



Title	Type a title for this portlet. The title is never rendered at runtime, but is used to identify the portlet in the Development Studio.
Parameter name	If you want conditional execution, you can type the name of parameter which must be passed to the page (either by GET or POST) in order to execute the portlet. Note that this applies only when the implementation type is "Traditional HTML"; for other types, use the capabilities of the templating language.
Parameter value	If you want the portlet to execute only when the parameter identified by Parameter name has a certain value, enter the value.
Template set	Please see Template Set in the <i>iKnowBase Development Reference</i> for more information.

For the implementation type "Traditional HTML", you can use hash-based substitution tags. This table lists available tags.

#REFERENCE_PAT H#	Identifier for the portlet instance.
#PAGE_URL#	Identifier for the page URL.

#PARAM#	<p>Tag to read parameters from the page; parameters from the URL, or which are sent to the page via a GET or a POST).</p> <p>The following formats are supported:</p> <ul style="list-style-type: none">• #PARAM:@<parameter name>@#• #PARAM:@<parameter name>@:@<parameter ref>@:@<parameter name>@# <p>Examples:</p> <p>#PARAM:p_test#: This will retrieve the value from the parameter p_test from the URL.</p> <p>#PARAM:p_test:order:p_test#: This will first look for the parameter p_test sent as part of a form named order (POST), if this doesn't exist it will retrieve the value from the parameter p_test from the URL (GET).</p>
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Chapter 20. XML viewer

The XML viewer allows you to use FreeMarker templates to load XML and display it.

20.1. Properties

This section describes the properties of a XML viewer portlet, as shown on the corresponding **Edit** pane.

configure main

Configure a xml viewer as a portlet Save (s) Save and close (x) Cancel

Configure a xml viewer as a portlet

Title

Target

Parameter

Timeout

Template set

Add shared templates or create an inline template definition

[Add Shared template](#) [Add Inline template](#)

Action	IdentiLabel	Inline/shared	Template	Implementation Type
<input checked="" type="checkbox"/> copy share	main	Inline	Edit template in separate tab	FREEMARKER

Title	Enter a title for the page component
Target	Select the target to display the XML you want to load. This target must be of type parameter, and the parameters that are associated with this target must be of type URL-parameters. You can specify default values for the URL-parameters on the target. Parameters passed to the target will override the default values.
Parameter	Enter the parameter name of the URL-parameter which contains the URL that you want to load XML data from. If this is set, the XML viewer ignores any target specified in the Target property.
Timeout	Set the timeout interval.
Template set	Please see Template Set in the <i>iKnowBase Development Reference</i> for more information.