



entando

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## ENTANDO ADMIN CONSOLE OVERVIEW

# ENTANDO EXECUTIVE SUMMARY

The purpose of this document is to provide an overview of the elements and functionalities provided by the Entando Admin Console.

## TARGET AUDIENCE

This document is addressed to users and technical IT staff who wish to get an overview of the Entando Framework's new functionalities.

## DOCUMENT DETAILS

Document Version	Product Version	Date	Description
V 1.0	4.3.3	01 June 2018	Updated to Entando 4.3.3 version

## SUMMARY

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# 1 INTRODUCTION TO THE ENTANDO ADMIN CONSOLE

The purpose of this document is to describe the elements and functionalities provided by the Admin Console. The Admin Console is a tool for managing web applications built with the Entando Platform.

## 1.1 ENTANDO ADMIN CONSOLE VERSION 4.3.3

With Entando version 4.3.2 the Admin Console has been redesigned and renewed with the adoption of the PatternFly framework and guidelines.

PatternFly is built on top of Bootstrap3 and provides an enterprise-grade UX look and feel based on research and UX best practices.

# 2 ADMIN CONSOLE OVERVIEW

The Entando main view is the entry point for every administrative activity. It is divided into two areas. On the left side of the screen there is a tabbed menu, which gives access to all functions, while the Dashboard on the right side of the screen provides an overview of Entando's status and a quick access to some functionalities (Figure 1).

The screenshot shows the Entando Admin Console interface. The top navigation bar includes links for 'Go to Homepage', 'admin', and a date/time indicator 'Wednesday, 15 November 2017'. The left sidebar contains a tabbed menu with options: Page Designer, UX Pattern, Integrations, User Settings, APPS, and Data. The 'User Settings' tab is currently selected. The main content area is divided into several sections:

- Dashboard:** Displays 'Page Status' (18/02/2017 00:12:24) with 5 Online, 0 Online + Draft, and 0 Draft items; and 'Content Status' (15/11/2017 11:00:27) with 0 Contents, 0 Approved (0), 0 Work (0), and 0 Approved with changes (0).
- Page List:** A table listing pages with columns for Description, Status, and Last Modified. Entries include Home, Error page, Page not found, Login, and Service.
- Content List:** A table listing content items with columns for Description, Author, Type, Status, and Last Modified. An entry is listed: Sample - Lorem Ipsum, null, Generic Content, green dot, 15 November 2017.
- Fast Settings:** A panel containing links for User List, Categories, Labels & Languages, and Reload Config.
- Footer:** Buttons for Add Content, Add Asset, and Add User.

Figure 1: Main View

## 2.1 DASHBOARD

The dashboard (*Figure 2* below) is divided into areas. Those areas are:

- Page Status - gives an overview of the status of the pages: Online, Online /= Draft and Draft
- Content Status - gives an overview of the content's status: Approved, Work, Approved with changes
- Page List - lists all pages: Description, Status, Last Modified
- Content List - lists contents: Description, Author, Type, Status, Last Modified
- Fast Settings
- Users List -provides quick access to Users list
- Categories -provides quick access to categories
- Labels & Languages -provides quick access to labels and languages
- Reload Config -provides quick access to reload configuration functionality
- Add Content -provides quick access to adding content functionalities
- Add Asset -provides quick access to adding assets functionalities
- Add User -provides quick access to add users' functionalities

The screenshot shows the Entando Admin Console Dashboard. At the top, there are two summary boxes: 'Page Status' (18/02/2017 00:12:24) showing 5 Online, 0 Online ≠ Draft, and 0 Draft; and 'Content Status' (15/11/2017 11:00:27) showing 0 Contents with a legend for Approved (0), Work (0), and Approved with changes (0). Below these are two tables: 'Page List' showing five pages (Home, Error page, Page not found, Login, Service) with their status and last modified date; and 'Content List' showing one item (Sample - Lorem Ipsum) with its author, type, status, and last modified date. To the right is a 'Fast Settings' sidebar with links to User List, Categories, Labels & Languages, and Reload Config. A vertical sidebar on the far right provides quick access to Add Content, Add Asset, and Add User.

*Figure 2: Dashboard*

## 2.2 MENU

The tools panel is a tabbed menu from which you can access every Entando's elements. See the next section called "Admin Console Main Sections" for more details.

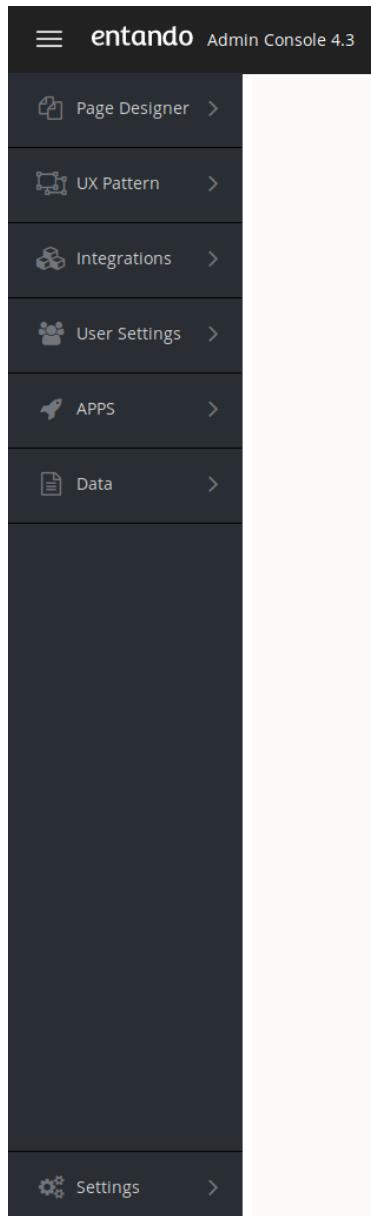


Figure 3: Menu

## 3 ADMIN CONSOLE MAIN SECTIONS

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The Admin Console is made up of sections that are further divided into subsections; each one is accessible from a tabbed menu on the left side of the screen (see picture below).

Every section provides specific functionalities.

The main sections are:

- Page Designer
- UX Pattern
- Integrations
- User Settings
- APPS
- Data
- Settings

The next paragraphs provide more details for every menu section.

### 3.1 PAGE DESIGNER

The Page Designer section, deals with all page management-related activities, and is made up of three subsections as shown below, (see *Figure 4*).

- Page Designer
  - Page Tree
  - Page Configuration
  - Page Settings

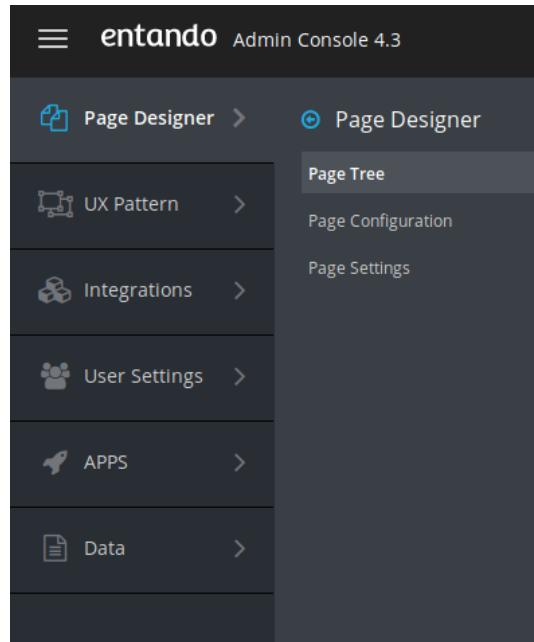


Figure 4: Page Designer Menu

### 3.1.1 PAGE TREE

The Page Tree subsection shows the hierarchical structure of the pages, their status, and lets you perform all management actions, such as adding a new page, editing, configuring, seeing details, cloning, and publishing or unpublishing pages (see *Figure 5*).

Page tree	Move	Status	Displayed in menu	Actions
Home		●	Yes	⋮
Service	▲ ▼	●	No	⋮
Page not found		●	Yes	⋮
Error page		●	Yes	⋮
Login		●	Yes	⋮

Figure 5: Page Tree

## Actions on the page

For every page in the Page Tree, you have access to a set of actions (see *Figure 6*) through the More Actions (three vertical dots) menu, from which you can:

- Add - add a new page hierarchical dependent from that page
- Edit - change the parameters that define a page
- Configure - change the widgets associated with the frames in the page
- Details - get general information on the page: Name, Code, Type
- Clone - replicate the page
- Delete - remove the page
- Publish/Unpublish - making the page visible/invisible

Page tree	Move	Status	Displayed in menu	Actions
Page tree	▲ ▼	●	Yes	Add
Home		●		Edit
Service		●		Configure
Page not found		●		Details
Error page		●		Clone
Login		●		Delete
				Unpublish

Figure 6: Page Actions

## Add a new page

There are two ways to add a new page:

1. From the Page Tree view (see *Figure 7*), click the **Add** button. Using this method, you will need to manually select where in the page tree to place the new page.
2. From a page's Action menu, select Add. Using this method, the page will automatically become a child of the selected page.

A page must have a title, a code, a placement, an owner group, a join group and a page model. Let's describe in some detail how to add a new page:

**Step 1.** Go to Page Designer > Page Tree.

**Step 2.** Select the hierarchical placement of the page, selecting an already present page, or you will be asked for that afterwards.

**Step 3.** Provide a title and a code in the Info section. Also provide, selecting them from the dropdown menus, an Owner Group and a Join Group in the Page Groups section, then select a Page Model from the available models. Then click "Save and Configure." This brings you to the configuration section, which lists all the frames defined in the page model you associated with that page.

**Step 4.** Add widgets, available in the right pane, to the page, by dragging and dropping them in the desired frame. See the "Configure a page" section below.

The screenshot shows the 'Add' page configuration interface. It includes sections for 'Info', 'Page groups', and 'Settings'. The 'Info' section has fields for 'Title' (with English and Italian versions) and 'Code'. The 'Page groups' section allows selecting an 'Owner Group' and 'Join Group'. The 'Settings' section includes options for 'Page Model', 'Displayed in menu' (set to 'ON'), 'SEO' (set to 'ON'), 'Charset' (set to 'utf-8'), and 'MimeType' (set to 'text/html'). There are 'Save and Configure' and 'Save' buttons at the bottom.

Figure 7: Add a Page

## Edit a page

This action refers to an already present page. The Edit Page view is divided into sections (see Figure 8):

- Info
- Title (title of the page, mandatory)
- Code (code of the page, assigned automatically, not changeable)
- Page groups
  - Owner Group (owner of the page, assigned at creation time, and not changeable)
  - Join Group (group to join, selectable from a drop-down list of available groups)
- Settings
  - Page Model (the model of the page, mandatory)
  - Displayed in menu (set whether it must be displayed in menu or not, settable to On or Off)
  - SEO (Search Engine Optimization, set whether it must be optimized for Search Engine, settable to On or Off)
  - Charset (selectable between available charsets, i.e. utf8, iso-88591)
  - Mime Type (identifies the type of information, namely text/html, application/JSON, etc.)

Page Designer > Page tree > Edit

**Edit**

Info

en Title \* Page1  
it Title \* Pagina1  
Code \* page1

Page groups

Owner Group \* Free Access  
Join Group \* Choose an option

Settings

Page Model \* Inspina - BPM layout  
Displayed in menu  ON  OFF  
Charset \* Iso-8859-1  utf-8  
MimeType \* application/json   
application/xhtml+xml   
application/xml   
text/html   
text/xml

Save and Configure  Save

Figure 8: Edit a Page

### Configure a page

In the Page Configuration section, you can assign available widgets to the frames in the page. The Page Model defines the page's layout and the structure of the frames. The available Widgets are in the right pane. You can drag widgets and drop them in a frame of your choice, as shown *Figure 9* and *Figure 10*.

You can also publish or unpublish the page or show its preview by clicking the respective buttons.

Page Designer > Page Configuration

**Page1**

Info  Preview  Default widget applied

Restore  Unpublish  Publish  On-the-fly page  No

Sidebar 1	Top Bar 1	Top Bar 2	Top Bar 3	Top Bar 4
Sidebar 2	Header			
Sidebar 3	Content Left 1	Content Central 1	Content Right 1	
Sidebar 4	Content Left 2	Content Central 2	Content Right 2	
Sidebar 5	Content Full 1 <b>Main Frame</b>			
Sidebar 6	Content Full 2			
	Content Left 3	Content Central 3	Content Right 3	
	Content Left 4	Content Central 4	Content Right 4	
	Footer			

Widgets

Custom widgets

- Choose a Language
- Dropdown Sign In
- Edit Current User
- Edit Current User Password
- Edit Current User Profile
- Navigation - Bar
- Search Form
- Search Result

CMS

- Contents - Publish Contents
- Contents - Publish a Content

Figure 9: Frames in a page configuration view

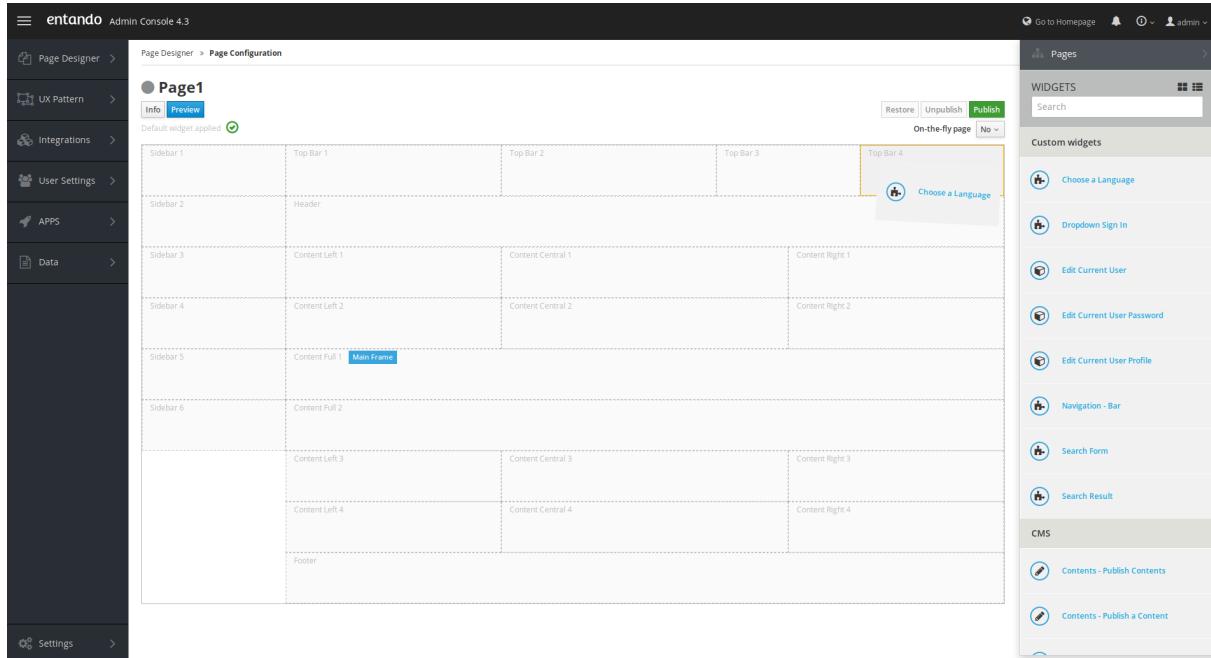


Figure 10: Drag and Drop Widgets to Frames

## Details

This section shows the hierarchical placement of the page, along with the list of the contents, and any contents that are linked to the page.

## Clone

Clones the page with its structure and content and makes the cloned page a child.

## Delete

Removes the page. Note that you must first remove child pages before you can delete the parent.

## Publish/Unpublish

Publishes the page if unpublished or unpublishes if published.

## 3.1.2 PAGE CONFIGURATION

The Page Configuration subsection gives you immediate access to the homepage configuration.

### 3.1.3 PAGE SETTINGS

The Page Settings subsection, gives you immediate access to general settings such as: Home Page, Page not found settings, Page for generic error and so on, (see *Figure 11*).

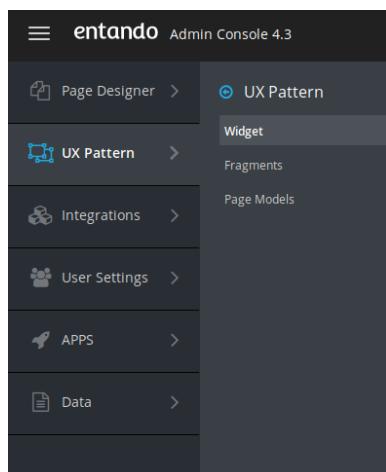
The screenshot shows the 'Page Settings' page in the Entando Admin Console. It includes fields for 'Home page', 'Page for: 404 - Page not found', 'Page for: 500 - Generic error', 'Page for: Sign in to proceed further', 'Base URL' (set to 'Relative'), 'Append context name on baseURL' (set to 'ON'), and 'Home page gets its language from the browser' (set to 'OFF'). There are also tabs for 'URL style' (set to 'Classic') and 'Breadcrumbs'. A 'Save' button is at the bottom right.

*Figure 11: Page Settings*

## 3.2 UX PATTERN

The **UX Pattern** section is made up of three subsections and is the place where you set general UX Patterns.

- UX Pattern
  - Widget (entry point for widgets management)
  - Fragments
  - Page Models



*Figure 12: UX Pattern*

### 3.2.1 WIDGETS

A Widget is an independent software component that is configured and executed within your application's Page to build UX/UI blocks, which in turn provide a defined function.

This section shows a list of all available Widgets grouped in various types (see *Figure 13*):

- User Widgets - user-generated widgets, made from the Admin Console
- Custom Widgets - widgets designed to meet specific applications needs
- Stock Widgets - widgets provided by Entando to implement general, common functionalities
- Specific Application Widgets, for example if the CMS module is installed it provides Content Management related widgets
- Plugins Widgets - widgets provided by the installed plugins

For every Widget the list shows:

- Widget name
- Widget code
- Number of pages using the widget
- Actions menu, the available actions depend on the widget, and could be:
  - Info
  - Add widget
  - Add service (if the widget provides a service)

Note that some Widgets could have no associated action.

An **Add** button is also present for adding new user-defined Widgets.

Widgets			
User widgets			
Widget name	Widget code	Used	Actions
Announcements - Archive	ANN_Archive	0	I
Announcements - Latest Announcements	ANN_Latest	0	I
Blog - Post List	blog_postlist	0	I
News - Archive	NWS_Archive	0	I
News - Latest News	NWS_Latest	0	I
Resolutions - Archive	RSL_Archive	0	I
Resolutions - Latest Resolutions	RSL_Latest	0	I
Custom widgets			
Widget name	Widget code	Used	Actions
Choose a Language	entando-widget-language_choose_inspinia	0	
Dropdown Sign In	entando-widget-login_form_inspinia	0	
Edit Current User	userprofile_editCurrentUser	0	
Edit Current User Password	userprofile_editCurrentUser_password	0	
Edit Current User Profile	userprofile_editCurrentUser_profile	0	
Navigation - Bar	entando-widget-navigation_bar_inspinia	0	I
Search Form	entando-widget-search_form_inspinia	0	
Search Result	entando-widget-search_result_inspinia	0	
CMS			
Widget name	Widget code	Used	Actions
Contents - Publish Contents	row_content_viewer_list	0	I
Contents - Publish a Content	content_viewer	0	I
Contents - Publish a List of Contents	content_viewer_list	0	I
Search - Search Result	search_result	0	

Figure 13: Widgets List

### 3.2.2 FRAGMENTS

Fragments are HTML blocks that include Freemarker<sup>1</sup> instructions by using specific tags that you should replace with suitable values each time you use the fragment.

Widgets are rendered using the *Entando Fragments*.

From this subsection, you get access to a list of all available fragments (see Figure 14) as well as a search functionality.

The Fragments list shows in tabled format:

- Code
- Widget type
- Plugin
- Actions

An **Add** button let you add a new Fragment.

---

<sup>1</sup> Freemarker is a Java template engine.

code	Widget Type	Plugin	Actions
code	Collaboration - New Idea	Collaboration jpcollaboration	
collaboration_entryidea	Collaboration - Quick Entry Idea	Collaboration jpcollaboration	
collaboration_fastEntryidea	Collaboration - Search Ideas	Collaboration jpcollaboration	
collaboration_idea_find	Collaboration - Categories	Collaboration jpcollaboration	
collaboration_idea_tags	Collaboration - Statistics	Collaboration jpcollaboration	
collaboration_statistics		Collaboration jpcollaboration	
collaboration_viewidea		Collaboration jpcollaboration	
default_pagerBlock		-	
default_pagerFormBlock_js		-	
default_pagerInfo_js		-	
entandoapi_is_resource_detail	APIs	-	

Your search returned 106 results | Page 1 - 11 | < > 1 of 11 > >

Figure 14: Fragments

### Add new fragments

By adding a new Fragment (see Figure 15) the following parameters are mandatory:

- Code
- Gui Code (Freemarker formatted text)

Figure 15: Add new Fragments

### 3.2.3 PAGE MODELS

The Page Models subsection displays a list of available page models (Figure 16). Each Page Model has an associated action:

- Edit - gives access to the Page Model editing view (see Figure 17)
- Details - shows details on the Page Model
- Delete - deletes the Page Model

The Page Model is the design of an application's page. It's defined through two configuration elements:

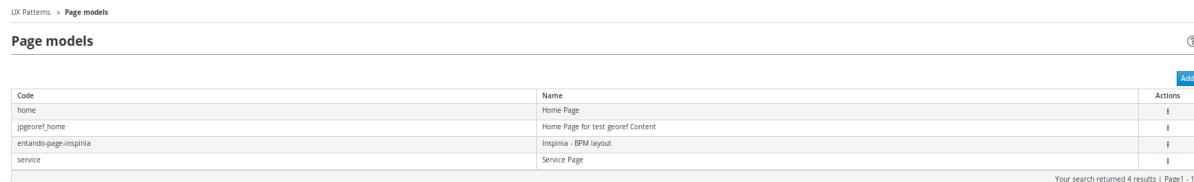
- XML Configuration
- Template

The **XML Configuration** is an XML formatted text in which you define the frames list that will make up that model of the page. The basic tags that must be present are `<frames></frames>` which collects all the frames and `<frame></frame>` which defines the frame with some specific values for the frame specific defined properties.

The **Template** represents the look and feel and the real layout of the page. The template defines the look and feel of the rendered page model. In the template you define for example to show and in which condition a frame, and how it will be rendered.

Entando templates are based on Velocity template script. Velocity Template Language (VTL) provides a way to easily incorporate dynamic content into a web page. It supports statements and directives, references and comments, access to exposed java objects, and methods.

At the bottom of the Page Model Edit view, the template is rendered for previewing its structure based on the defined XML configuration.



A screenshot of the Entando Admin Console interface, specifically the 'Page models' section under 'UX Patterns'. The page shows a list of four page models with columns for 'Code', 'Name', and 'Actions'. The 'Actions' column contains icons for edit and delete. A blue 'Add' button is located at the top right of the table. The 'Name' column lists 'Home Page', 'Home Page for test georef Content', 'Inspinia - BPM layout', and 'Service Page'. The 'Code' column lists 'home', 'jppgeoref/home', 'entando-page-inspinia', and 'service' respectively. A small note at the bottom right says 'Your search returned 4 results | Page 1 - 1'.

Code	Name	Actions
home	Home Page	
jppgeoref/home	Home Page for test georef Content	
entando-page-inspinia	Inspinia - BPM layout	
service	Service Page	

Figure 16: Page Models List

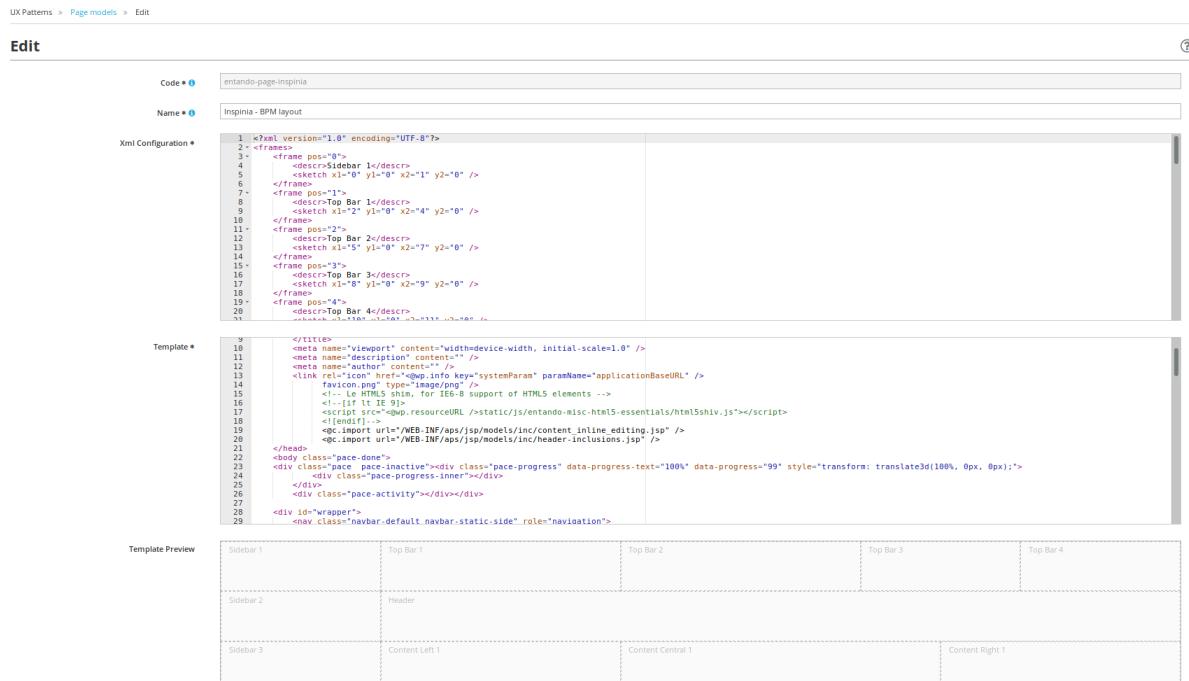


Figure 17: Page Model Edit

### 3.3 INTEGRATIONS

From this section you configure Entando's integration with other systems via REST-based APIs and is made up of two subsections, (see Figure 18):

- Integrations
  - Components
- API Management
  - Resources
  - Services
  - Consumers

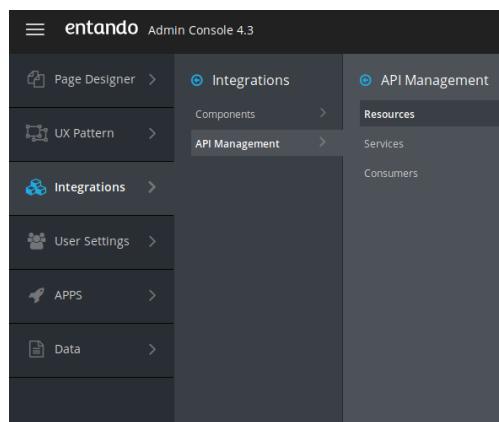
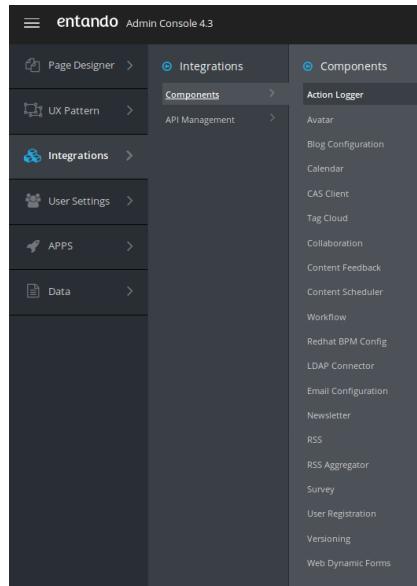


Figure 18: Integrations

### 3.3.1 COMPONENTS

From Components (Plugins), you get access to a list of all installed components, (see *Figure 19*). You can configure the particular component by clicking its name in the menu.

The main setting you can change is whether it is active or not. Other available settings are dependent on the particular component's features. *Figure 20* shows an example of the parameters for the “LDAP connector.”



*Figure 19: Components*

The screenshot shows the 'LDAP Connector' configuration page. The left sidebar is identical to Figure 19. The top navigation bar includes 'Go to Homepage', a notification icon, and a user account for 'admin'. The main form has a header 'LDAP Connector' with a help icon. It contains the following fields:

- Active: A toggle switch set to 'OFF'.
- Provider URL: An input field.
- Security connection type: A dropdown menu with options 'None', 'SSL', 'TLS (no certificate)', and 'TLS', with 'None' selected.
- Security Principal: An input field.
- Security Credentials: An input field.
- User Object Class Name: An input field.
- User ID Attribute Name: An input field.
- Filter group: An input field.
- Group Attribute Name: An input field.
- Search Result - Max Size: An input field.
- Active user Editing: A toggle switch set to 'OFF'.
- User Base DN: An input field.
- User object classes: An input field.
- OU object classes: An input field.
- User Real Attribute name: An input field.
- User password Attribute Name: An input field.
- User password Algorithm: A dropdown menu with options 'Plain Text', 'MD5', and 'SHA', with 'Plain Text' selected.

A 'Save' button is located at the bottom right of the form.

*Figure 20: Component Configuration Example*

### 3.3.2 API MANAGEMENT

From this sub-section (see *Figure 21*), you can manage and configure the Entando API integration.

- API Management
  - Resources
  - Services
  - Consumer

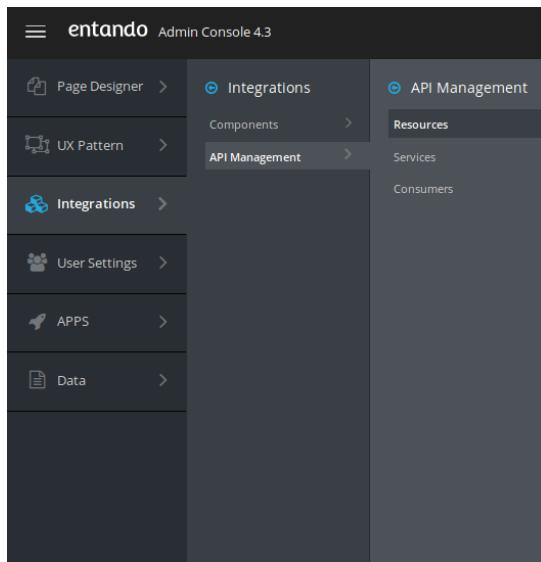


Figure 21: API Management

#### Resources

This section provides a list of all available API resources, collected in groups such as Core, CMS, and Custom APIs. See Figure 22.

They are presented in a table with the following columns:

- Resources
- Name
- List of HTTP methods for RESTful services for that resource:
  - GET
  - POST
  - PUT
  - DELETE

Figure 22: API Resources List

## Edit resource configuration

By clicking the resource's name, you can edit that resource's configuration (Figure 23). The screen is divided into several areas:

- Information, presents information on the resource, and in particular:
  - Name - name of the resource
  - Namespace - namespace i.e., /core
  - Description - description of the resource
  - Source - source of the resource, i.e., core
  - Plugins - the plugin to which the resource refers, if applicable
  - Resource URI - URI of the resource
  - Extension - XML, JSON extensions
- All methods options, from which can be set globally, for all defined methods, the following parameters
  - Active - set active ON/OFF
  - Hidden - set hidden ON/OFF
  - Authorization - set authorization for the resource from a drop-down list

Settings for single methods are: GET, POST, PUT, and DELETE.

- GET: this area lets you view and set parameters for the GET method only; it has an information section, which presents the following parameters:
  - Method - Available/Active

- Description - Description of the method
- Visibility
- Authorization
- XML schemas
- Request parameters
- Active
- Hidden
- Authorization
- POST: provides the same view of GET, but referred to the POST method
- PUT: provides the same view of GET, but referred to the PUT method
- DELETE: provides the same view of GET, but referred to the DELETE method

You can also access single method settings from the main API resource screen, by clicking the method's icon.

The screenshot shows the 'Edit resource' page for a 'dataObject' resource. The left sidebar includes links for Page Designer, UX Patterns, Integrations, User Settings, APPS, and Data. The main content area has tabs for 'Edit resource' and 'All methods options'. Under 'All methods options', there are sections for 'GET', 'POST', 'PUT', and 'DELETE'. For the 'GET' method, the configuration includes:

- Method:** Available (Active)
- Description:** Return a public dataObject
- Visibility:** Public (Default Public)
- Authorization:** None (Default None)
- XML schemas:** Response
- Request parameters:** A table with columns 'Required' (set to 'id'), 'Name' (set to 'id'), and 'Description' (set to 'The Id of the dataObject to return (Example: "CNG34", or "NEW45")').
- Authorization:** Active (ON), Hidden (OFF), Choose an option.

Figure 23: API Edit Resource Configuration (only the single method GET is shown)

## Services

From this subsection you can list the API services available in the system or add a new one. The list presents in a table grouped by API service type (see Figure 24), the following parameters:

- Service
- Name
- Active
- Public
- Delete - deletes the API service

Service	Name	Active	Public	Delete
dataObject_1	apiservice	-	✓	

Figure 24: API Services List

By clicking the service, you can edit its settings (see *Figure 25*), which are grouped into:

- Info
- Name - name of the service
- Tag - tags for the service

Options:

- Active - active ON/OFF
- Hidden - hidden ON/OFF

Authorization - sets authorizations on the service, in particular:

- Registered users - ON/OFF
- Registered users with permission - sets the user's permission on the resource, from a drop-down list of available options
- Registered users belonging to the group - set permissions for all users belonging to a group, selectable from a drop-down list

## Parameters

The table lists all the parameters which characterize that API service with the following columns:

- Name - name of the parameter
- Description
- Required
- Default
- Can be overridden

The screenshot shows the 'Edit: dataObject\_1' page in the Entando Admin Console. The left sidebar lists various modules: Page Designer, UX Pattern, Integrations, User Settings, APPS, and Data. The main content area is titled 'Edit: dataObject\_1' with the sub-titler 'Parent API: Return a public dataObject (/core/dataObject)'. The page is divided into several sections:

- Info:** Contains fields for Service (dataObject\_1), Name (apiservice), and Tag (empty).
- Options:** Includes Active (OFF) and Hidden (OFF) toggle switches.
- Authorization:** Shows Registered users (OFF) and Registered users with permission (None).
- Parameters:** A table with two rows:
 

Parameters	Name	Name	Required	Default	Can be overridden
	id	The Id of the dataObject to return (Example: "CNG34", or "NEW45")	true		<input checked="" type="radio"/> Yes <input type="radio"/> No
	modelId	The Id of the dataObject model used to render each dataObject in the HTML section of the response. Must be an integer. 'Default' or 'list'	false		<input checked="" type="radio"/> Yes <input type="radio"/> No

Figure 25: Edit API Service

## Create a new API Service

In creating a new API service, you need to select from the list of available methods which the new service will be based on, i.e. its master method.

The new API service will inherit its defining parameters from the master method (see Figure 26). You will need to provide values to the following parameters; only some are mandatory.

- **Info**
  - Name (mandatory)
  - Tag
- **Options**
  - Active
  - Hidden
- **Authorization**
  - Registered users
  - Registered users with permission
  - Registered users belonging to the group
- **Parameters**
  - Default
  - Can be overridden

The screenshot shows the 'New API service from API method - dataObject' configuration page in the Entando Admin Console. The left sidebar contains links for Page Designer, UX Patterns, Integrations, User Settings, APPS, and Data. The main content area has the following sections:

- Info:** Service is set to 'dataObject\_1'. There are two 'Name' fields, both marked with a red asterisk indicating they are required. A 'Tag' field is also present.
- Options:** Active is set to OFF, and Hidden is set to OFF.
- Authorization:** Registered users is set to OFF. Registered users with permission and Registered users belonging to the group both have 'None' selected.
- Parameters:** A table with two rows:
 

Parameters	Name	Name	Required	Default	Can be overridden
	id	The id of the dataObject to return (Example: "CNG34", or "NEW45")	true		<input type="radio"/> Yes <input checked="" type="radio"/> No
	modelId	The id of the dataObject model used to render each dataObject in the HTML section of the response. Must be an integer, 'default' or 'list'	false		<input type="radio"/> Yes <input checked="" type="radio"/> No

A 'Save' button is located at the bottom right of the form.

Figure 26: New API Service from API Method

## Consumers

The Consumers section lets you manage the authorization of consumers to communicate with providers for authentication. It is based on OAUTH1 (Figure 27: API Consumers List).

This view (see *Figure 27*) shows a list of all defined API consumers and presents the following parameters:

- Key
- Name
- Number of tokens
- Actions
  - Edit - edit the consumer parameters
    - Key
    - Secret
    - Name
    - Expiration date
  - Delete - deletes the consumer

Key	Name	Number of tokens	Actions
KEY123	Name of consumer	0	<a href="#">Edit</a>

Your search returned 1 results | Page 1 - 1

Figure 27: API Consumers List

## Edit an API Consumer

The editing functionality for the API Consumer is available from the More Actions menu. From this view you change the defining parameters of the Consumer (see *Figure 28*).

Figure 28: API Consumer Edit

## 3.4 USER SETTINGS

From the **User Settings** section, (see *Figure 29*), you can perform all user management-related activities. The section contains the following subsections:

- User Settings
  - Users
  - Profile Types
  - User Restriction
  - Roles

An **Add** button is also present, which lets you add a new user.

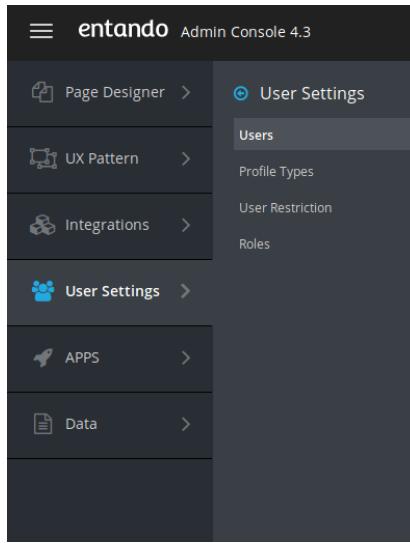


Figure 29: Users Settings

### 3.4.1 USERS

Viewing a list of all users defined in the system is possible under the User subsection (see Figure 30).

For every user in the list, you can see the user's:

- Username
- Full name
- Email
- Status
- Actions menu
  - Edit
  - Manage authorizations
  - Edit the profile of
  - View the profile of
  - Delete

Username	Full name	Email	Status	Actions
admin	admin		✓ Active	<a href="#">Edit</a> <a href="#">Manage authorizations</a> <a href="#">Edit the profile of</a> <a href="#">View the profile of</a> <a href="#">Delete</a>

Figure 30: Users List and Actions

The Edit functionality (see *Figure 31*) lets you change:

- Password
- User status to ON or OFF

User Settings > Users > Edit

**Edit**

Username \*  \* Required Fields

Password \*

Confirm the password

Registration 10/10/2008 00:00

Last login 17/11/2017 00:00

Last password change -

Reset

Status  ON  OFF

**Save**

Figure 31: Edit User

Manage Authorizations (see *Figure 32*) lets you change:

- Authorizations for the user:
  - User Group
  - User Role

User Settings > Users > Authorizations

**Authorizations for Entando**

No authorizations yet.

New authorization

User Group

User Role

**Add**

**Save**

Figure 32: User Authorizations

From the Edit Profile action (see *Figure 33* ), you change the attributes defined in the profile type:

- Full Name
- Email address
- Profile Type - change user's profile type

The screenshot shows the 'Edit profile' form under 'User Settings > Users > Edit profile'. At the top, it says 'Edit profile' and 'Type: Default user profile'. Below this, there are fields for 'Username' (Entando), 'Full Name\*' (Entando user Full Name), and 'Email\*' (Entando@entando.com). A note at the bottom right indicates '\* Required Fields'. Buttons for '(Change)', 'Save', and 'Back' are also present.

Figure 33: Edit Profile of a User

The View Profile action (Figure 34) lets you view profile parameters for the selected user. In this case the user profile parameters are:

- Full Name
- Email address

Note that the complete parameters depend on which user profile you choose.

The screenshot shows the 'Details' page under 'User Settings > Users > Details'. It displays the user profile parameters: Username (Entando), Full Name (Entando user Full Name), and Email (Entando@entando.com). A 'Back' button is located at the bottom right.

Figure 34: User Profile Details

### Add a new user to Entando.

Add a new user to the system (see Figure 35), by clicking the **Add** button. You must provide:

- Username - the name used to log in into Entando
- Password - the user's password needed to log in into Entando
- Profile Type by selecting one from the drop-down list of the defined profile types.

A default user profile is always present in the list, as it is needed to define the Admin's user profile.

The screenshot shows the 'User Settings > Users > Add' page. The form is titled 'Add' and contains the following fields:

- Username \* (with a blue info icon) - An input field.
- Password \* (with a blue info icon) - An input field.
- Confirm the password - An input field.
- profileType - A dropdown menu with 'Choose an option' selected.
- Status - A dropdown menu with 'OFF' selected.

At the bottom right, there are two buttons: 'Save and edit profile' and a larger 'Save' button.

Figure 35: Add User

### 3.4.2 PROFILE TYPES

From the Profile Types, (see *Figure 36*), you can manage the different users' profiles defined in Entando or add a new User Profile.

*The subsection lists all available Profile Types and displays the following for each:*

- Name
- Code
- Status
- Actions menu (Figure 37)
  - Edit
  - Reload
  - Delete

User Settings > Profile types

**Profile types**

Name	Code	Status	Actions
Default user profile	PFL	✓	<a href="#">Edit</a> <a href="#">Delete</a>

Your search returned 1 results | Page 1 - 1

**Reference Status**  
References must be reloaded whenever a profiles is modified. Everything is fine.

Figure 36:User Profile Types List

User Settings > Profile types

**Profile types**

Name	Code	Status	Actions
Default user profile	PFL	✓	<a href="#">Edit</a> <a href="#">Reload</a> <a href="#">Delete</a>

Your search returned 1 results | Page 1 - 1

**Reference Status**  
References must be reloaded whenever a profiles is modified. Everything is fine.

Figure 37: Users Profile Types Actions

From the **Edit** button, you can change the name of the profile type, as well as change the set of attributes, which define that profile type.

The attributes have:

- Code
- Type
- Roles
- Mandatory
- Filter
- Actions
  - Reload - makes changes effective, reloading the profile type)
  - Delete - deletes the profile type)

### Add a new profile type

When adding, (see Figure 38), a new profile type you will need to provide:

- Code
- Name
- Attributes

The screenshot shows the 'User Settings > Profile types > Add' page. At the top right, there is a help icon (question mark) and a note: 'All the fields are mandatory.' Below this, the word 'Add' is displayed. The form is divided into two sections: 'Info' and 'Attributes'. In the 'Info' section, there are two input fields: 'Code' (with a required indicator) and 'Name' (with a required indicator). In the 'Attributes' section, there is a dropdown menu labeled 'Type' with the placeholder 'Choose an option'. To the right of the dropdown is an 'Add' button and a 'Save' button.

Figure 38: Add User Profile

### 3.4.3 USER RESTRICTIONS

From the User Restrictions subsection, (see [Figure 39](#)) you can activate and set access restrictions on the user by imposing:

- months of availability since the last access
- months of validity for the user password

Selecting “Password always active” to “Both” means no access limitation on the user.

You can also enable: Enable Gravatar integration (Avatar of users).

User Settings > User Restrictions

### User Restrictions

More access restrictions

Active  OFF

Max months since last access by a given user:

Max months a password is valid:

Miscellaneous

Enable Gravatar integration (Avatar of users)  OFF

**Save**

Figure 39: User Restrictions

### 3.4.4 ROLES

The Roles subsection shows a list of all available roles (see *Figure 40*). For each role, it displays:

- Name
- Code
- Actions Menu

An **Add** button is also present to add new roles.

User Settings > User roles

### User roles

Name	Code	Actions
Administrator	admin	

**Add**

Your search returned 1 results | Page 1 - 1

Figure 40: Users Roles

#### Adding a new role

The role governs which of a set of defined permissions are assigned to the role itself (see *Figure 41*).

In adding a new role, you must provide:

- Name - limitations on names)
- Code - limitations on code)
- Permissions

Preset permissions are:

- Content Editing

- User Profile Editing
- User Editing
- Access to Administration Area
- Operations on Categories
- Operations on Pages
- Operations on Resources
- View Users and Profiles
- Supervision of Contents
- All functions

User Settings > User roles > Add

**Add**

Name \*

Code \*

**Permissions**

Content Editing	OFF	User Profile Editing	OFF	User Editing	OFF
Access to Administration Area	OFF	Operations on Categories	OFF	Operations on Pages	OFF
Operations on Resources	OFF	All functions	OFF	Supervision of contents	OFF
View Users and Profiles	OFF				

**Save**

Figure 41: Add User Role

### Action menu on roles

Available actions are (see Figure 42):

- Details
- Edit
- Delete

Name	Code	Actions
Administrator	admin	<span>Details</span> <span>Edit</span> <span>Delete</span>

Figure 42: Actions on Roles

From the details action (see Figure 43) you can get an overview of that role in particular:

- Group - the group to which the role belongs
- Name - name of the Role
- Permissions: permissions assigned to the role

- Referenced users: list of users to which that role is applied. This list shows the following parameters:
  - Username
  - Last login
  - Status - active or not
  - Actions: edit and manage authorizations for the user

User Settings > User roles > Details

Username	Last login	Status	Actions
admin	17/11/2017	✓	edit

Figure 43: User Roles Details

### 3.5 APPS

The APPS section shows all the applications installed in the system as plugins (see *Figure 44*). A common application is the CMS (Content Management System), and it is installed by default.

- APPS
  - CMS
  - IoT

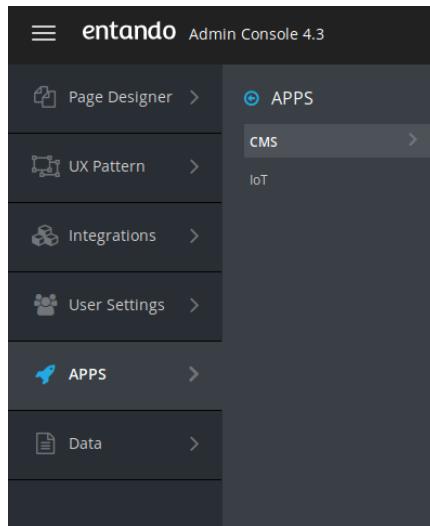


Figure 44: APPS Menu

### 3.5.1 CMS

The CMS modules contain functions that let you manage Contents, their type and model, and Digital Assets:

- CMS
  - Contents
  - Digital Assets
  - Content Types
  - Content Models
  - Content Settings

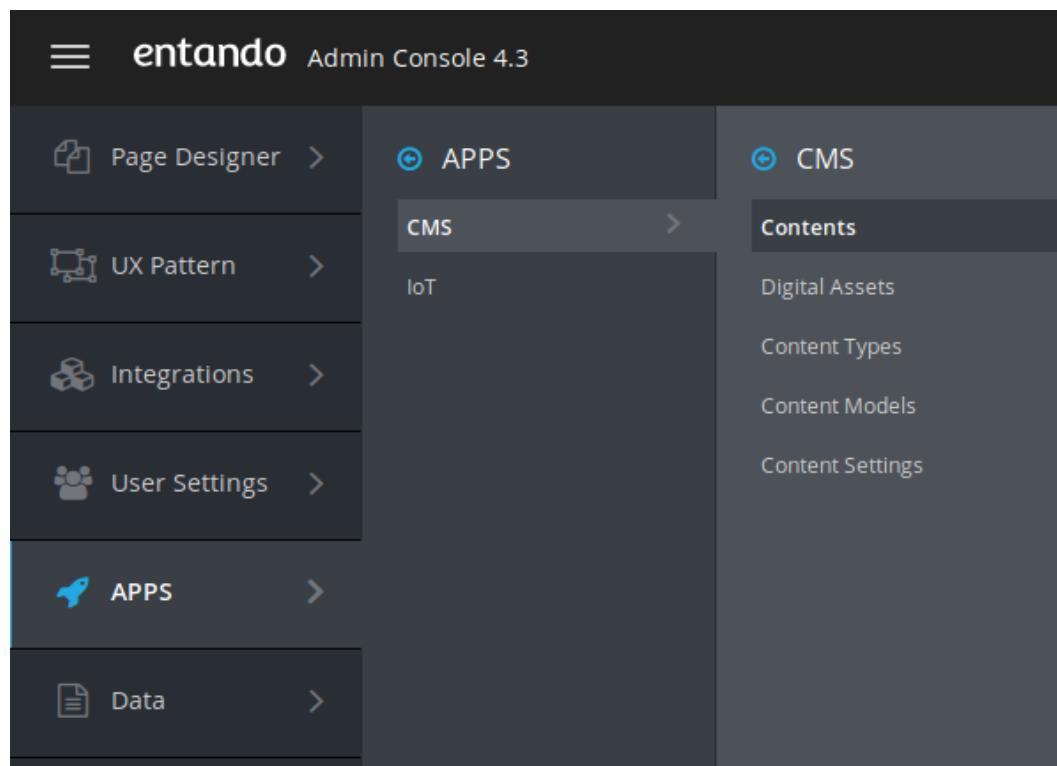


Figure 45: CMS Menu

#### Contents

In the contents section, you have all contents defined in your Entando instance (see *Figure 46*) as well as a search utility.

Contents are listed with the following parameters:

- Name
- Author
- Code

- Type
- Status
- Visibility
- Group
- Creation Date
- Actions
  - Copy/Paste
  - Draft version
  - Published version
  - Edit

Name	Author	Code	Type	Status	Visibility	Group	Creation	Actions
Sample - Lorem Ipsum	admin	CNG3	Generic Content	<span style="color: green;">●</span>	<span style="color: green;">■</span>	Free Access	16/11/2017 09:54	<span style="color: blue;">I</span>
Sample - Hero Unit	admin	CNG2	Generic Content	<span style="color: green;">●</span>	<span style="color: green;">■</span>	Free Access	16/11/2017 09:54	<span style="color: blue;">I</span>

Figure 46: Contents List

### Add additional content

From the Content List view (see *Figure 47*), click the **Add** button to create additional content. A drop-down list will let you choose which Content Type.

Figure 47: Add Content

You will be asked to provide the information for the Content Attributes that define that Content Type. You must first save and publish the content for it to become available (see *Figure 48*).

Apps > CMS > Contents > Edit

**Edit**

**Info**

Version 0.0 created - by admin [you] modified by you

Content type Generic Content

Content description Descriptions help you archive, sort and find contents

**Groups**

Owner Group • Free Access Set group

Join Group • Choose an option

**Categories**

Categories Categories tree Expand All Collapse All Join +

All

**Content attributes**

English Italiano

Title • HERO

Abstract

Main Body

Picture Add

Caption

Links Add

Attaches Add

Didn't find any page suitable for the content preview

Last autosave was:

Status Choose an option

Set content as Save and continue Save and approve Cancel

Figure 48: Filling content type attributes

From the Content List, you can edit a piece of Content (see Figure 49). To do that, choose the Actions Menu of that content and select “Edit.”

Apps > CMS > Contents > Edit

**Edit**

**Info**

Version 1.0 created - by admin [you] modified by you Last Approved version

Content type Generic Content

Content description Sample - Hero Unit

**Groups**

Owner Group • Free Access

Join Group • Choose an option

**Categories**

Categories Categories tree Expand All Collapse All Join +

All

**Content attributes**

English Italiano

Title • HERO\_WERDE

Abstract

Main Body

Picture

Name: Sample Image 1.jpg  
Preview: Sample Image 1.jpg  
Text: The very first Entando Logo in an article (original)

Caption One caption to rule 'em all

Links Add

1

Link URL: http://www.entando.com/ Text: Learn more

Attaches Add

Last autosave was:

Status Choose an option

Set content as Save and continue Save and approve Cancel

Figure 49: Content Edit

## Digital Assets

This subsection provides the functionalities needed to manage Images and Attachments (see *Figure 50*).

Images can be any image file of the supported types. Attachments can be any file type. Add new assets by clicking the **Add** button. Possible actions on an existing attachment are Edit and Delete (see *Figure 51*).

The screenshot shows the 'Digital Assets' section of the Entando Admin Console. At the top, there's a navigation bar with 'Apps > CMS > Digital Assets > List of Images'. Below the navigation is a header with tabs: 'Digital Assets' (selected), 'Images' (highlighted in blue), and 'Attachments'. A search bar with placeholder 'Search by Name' and a 'Search' button is present. To the right of the search bar are 'Advanced filters' and a 'Choose view' dropdown. An 'Add' button is located at the top right of the main content area. The main content area displays a single image entry: 'sample-image-1.jpg' (Sample Image 1), which is a logo. It shows dimensions 'Original size 642 Kb | 90x90 px 0 Kb | 130x130 px 0 Kb | 150x150 px 0 Kb'. Below the image, a message says 'Your search returned 1 results | Page1 - 1'.

Figure 50: Digital Assets

The screenshot shows the 'Digital Assets' section of the Entando Admin Console, specifically the 'List of Attachments' view. The layout is similar to Figure 50, with a header for 'Digital Assets', tabs for 'Images' and 'Attachments' (selected), and a search bar. An 'Add' button is at the top right. The main content area shows a single attachment entry: 'Attachment1' (java\_env.txt), which is a text file. It shows a size of '3 Kb'. To the right of the attachment are 'Edit' and 'Delete' buttons. A message at the bottom says 'Your search returned 1 results | Page1 - 1'.

Figure 51: Digital Assets Actions

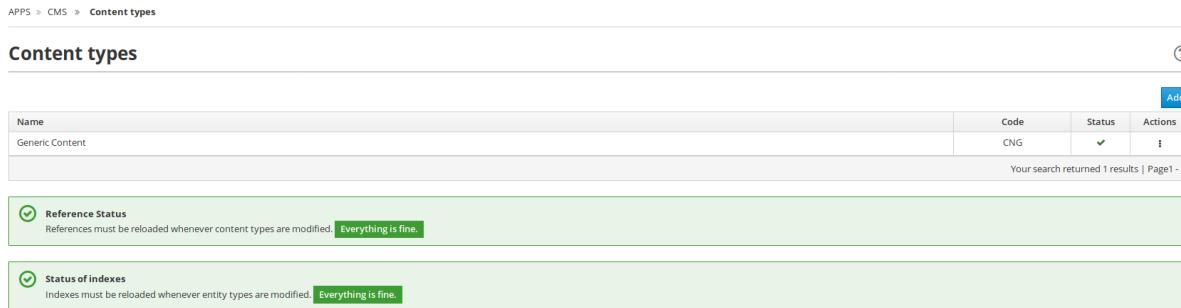
## Content Types

Content Types are accessible from the Content Types section. There, you see a list of all the Content Types defined in the Entando instance (see *Figure 52*):

- Name
- Code
- Status
- Actions
- Edit
- Reload
- Delete

The available actions in this context are: Edit, Reload, Delete.

You cannot delete a content type if it is being used. You must first delete the contents to which that content type is referred, also is not possible to change the content type of an already defined content.



Name	Code	Status	Actions
Generic Content	CNG	✓	⋮

Your search returned 1 results | Page 1 - 1

**Reference Status**  
References must be reloaded whenever content types are modified. Everything is fine.

**Status of indexes**  
Indexes must be reloaded whenever entity types are modified. Everything is fine.

*Figure 52: Content Types List*

## Add a Content Type

The **Add** button from the Content Type list lets you add an additional Content Type (see *Figure 53*).

You will be asked to provide:

- Code - mandatory
- Name - mandatory
- Attributes - selectable from a drop-down list

APPS > CMS > Content types > Add

### Add

All the fields are mandatory.

**Info**

Code \*

Name \*

**Metadata**

Page for on-the-fly publishing: None

Default content model:

Default content model for lists:

**Attributes**

Type: Choose an option

Figure 53: Add a Content Type

## Edit a Content Type

Edit functionalities, (see *Figure 54*) are available from the More Actions menu. From there you can change:

- Name
- Default Content Model
- Default Content Model for List
- Attributes

APPS > CMS > Content types > Edit

### Edit

All the fields are mandatory.

**Info**

Code \*

Name \*

**Metadata**

Page for on-the-fly publishing: None

Default content model:

Default content model for lists:

**Attributes**

Type	Choose an option	Add																																																
Attributes	<table border="1"> <thead> <tr> <th>Code</th> <th>Type</th> <th>Roles</th> <th>Mandatory</th> <th>Filter</th> <th>Actions</th> </tr> </thead> <tbody> <tr> <td>Title</td> <td>Text</td> <td>jacmstitle - The main title of a Content</td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="button" value=""/></td> </tr> <tr> <td>Abstract</td> <td>Hypertext</td> <td>-</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="button" value=""/></td> </tr> <tr> <td>MainBody</td> <td>Hypertext</td> <td>-</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="button" value=""/></td> </tr> <tr> <td>Picture</td> <td>Image</td> <td>-</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="button" value=""/></td> </tr> <tr> <td>Caption</td> <td>Text</td> <td>-</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="button" value=""/></td> </tr> <tr> <td>Links</td> <td>Monolist:Link</td> <td>-</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="button" value=""/></td> </tr> <tr> <td>Attaches</td> <td>Monolist:Attach</td> <td>-</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="button" value=""/></td> </tr> </tbody> </table>	Code	Type	Roles	Mandatory	Filter	Actions	Title	Text	jacmstitle - The main title of a Content	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="button" value=""/>	Abstract	Hypertext	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value=""/>	MainBody	Hypertext	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value=""/>	Picture	Image	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value=""/>	Caption	Text	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value=""/>	Links	Monolist:Link	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value=""/>	Attaches	Monolist:Attach	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value=""/>	<input type="button" value="Save"/>
Code	Type	Roles	Mandatory	Filter	Actions																																													
Title	Text	jacmstitle - The main title of a Content	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="button" value=""/>																																													
Abstract	Hypertext	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value=""/>																																													
MainBody	Hypertext	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value=""/>																																													
Picture	Image	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value=""/>																																													
Caption	Text	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value=""/>																																													
Links	Monolist:Link	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value=""/>																																													
Attaches	Monolist:Attach	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value=""/>																																													

Figure 54: Edit Content Type

## Content Model

The Content Models section displays all available Content Models defined in the Entando instance, (see *Figure 55*). Contents Models have the following parameters:

- Name
- Type
- Id
- Actions
  - Edit
  - Delete

Available actions are: Edit and Delete (see *Figure 56*).

The Edit option (see *Figure 57*) you can access the Edit section of the Content Model, where you can change:

- Type - from a drop-down list of available Content Types
- Name
- Model - Velocity template
- Style Sheet

The screenshot shows the 'Content models' list page. At the top, there is a navigation bar with 'Apps > CMS > Content models'. Below the navigation is a search bar with a dropdown menu set to 'All' and a 'Search' button. A blue 'Add' button is located in the top right corner of the table header. The table has columns for 'Name', 'Type', 'Id', and 'Actions'. The data rows are:

Name	Type	Id	Actions
Full - Default	Generic Content	10001	
Lists - Default	Generic Content	10011	
Hero Unit + Picture	Generic Content	10012	
Lists - Picture	Generic Content	10013	

At the bottom right of the table, it says 'Your search returned 4 results | Page 1 - 1'.

Figure 55: Content Models List

The screenshot shows the 'Content Model Actions' page, which is a detailed view of the content models listed in Figure 55. It features a table with the same columns: 'Name', 'Type', 'Id', and 'Actions'. The 'Actions' column contains two buttons: 'Edit' and 'Delete'. The data rows are identical to Figure 55:

Name	Type	Id	Actions
Full - Default	Generic Content	10001	
Lists - Default	Generic Content	10011	
Hero Unit + Picture	Generic Content	10012	
Lists - Picture	Generic Content	10013	

At the bottom right of the table, it says 'Your search returned 4 results | Page 1 - 1'.

Figure 56: Content Model Actions

Apps > CMS > Content models > Add

**Add**

Type  Set ?

Code \*

Name \*

Model \*

Content assist: On, [Help about attribute types: Off]

Style Sheet

Save

Figure 57: Adding/Editing a Content Model

## Content Settings

From Content Settings subsection, (see *Figure 58*) you can:

- Reload the references
- Reload the indexes
- Select the Editor

Apps > CMS > Content Settings

**Content Settings**

Reload the references

Reload indexes

Select the editor

Save

Figure 58: Content Settings

## 3.6 DATA

The Data section (see *Figure 59*) is subdivided into two sections:

- Data Type
- Data Model

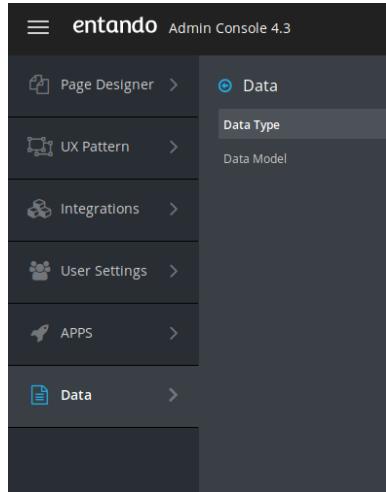


Figure 59: Menu Data

### 3.6.1 DATA TYPE

In the Data Type section, you list the available Data Types and create a new data structure, by defining its attributes. This view shows a list of available Data Types (see *Figure 60*):

- Name
- Code
- Status
- Actions
  - Edit
  - Reload
  - Delete

Data Type			
Name	Code	Status	Actions
DataTypeExample	DTE	✓	<a href="#">Edit</a> <a href="#">Reload</a> <a href="#">Delete</a>
<span style="color: green;">✓</span> Reference Status Reload the references for these entity types <span style="background-color: #2e6b2e; color: white; padding: 2px 5px;">Everything is fine.</span>			

Figure 60: Data Type List

### Add a Data Type

Clicking the **Add** button lets you add a new Data Type (see *Figure 61*). You will need to provide:

- Code (mandatory)
- Name (mandatory)
- Attributes

The screenshot shows the 'Add' Data Type form. At the top, there's a breadcrumb navigation: Data > DataType > Add. Below it is a title 'Add' with a help icon. A note says 'All the fields are mandatory.' There are two input fields: 'Code \*' with placeholder 'Choose an option' and 'Name \*' with placeholder 'Choose an option'. Under 'Attributes', there's a dropdown menu titled 'Type' with a list of options: Choose an option, Boolean, CheckBox, Composite, Date, Enumerator, EnumeratorMap, Hypertext, List, Longtext, Monolist, Monotext, Number, Text, ThreeState, and Timestamp. To the right of the dropdown are 'Add' and 'Save' buttons.

*Figure 61: Add a Data Type*

## Edit a Data Type

You can edit Data Types by selecting “Edit” from a selected Data Type’s More Actions menu. From there you can modify the Data Type name and its attributes (see *Figure 62*).

The screenshot shows the 'Edit' Data Type form. At the top, there's a breadcrumb navigation: Data > DataType > Edit. Below it is a title 'Edit' with a help icon. A note says 'All the fields are mandatory.' There are two input fields: 'Code \*' with value 'DTE' and 'Name \*' with value 'DataTypeExample'. Under 'Attributes', there's a table with columns: Type, Value, Roles, Mandatory, Filter, and Actions. The table has one row with 'Code' as the type, 'ABC' as the value, and '-' as the role. To the right of the table are 'Add' and 'Save' buttons.

*Figure 62: Edit a Data Type*

## 3.6.2 DATA MODEL

The Data Model Section (see *Figure 63*) gives access to all Data Models functionalities. Creating a new Data Model (see *Figure 64*) associated to a selected Data Type is possible. The model consists of a velocity definition.

In defining a new Data Model, you first must:

- Select a Data Type from the available ones
- Assign a code to the Data Model
- Assign a name to the Data Model
- Optionally select a style sheet for the model

Name	Type	Id	Actions
DataModelExample	DataTypeExample	123	<a href="#">Edit</a> <a href="#">Delete</a>

Figure 63: Data Model List and Actions

Add

Type	Choose an option note.dataObjectModelAssist.intro	<a href="#">Set</a>
contentModel.code *		
Name *		
Model *	Inline editing assist	
<small>Content assist: On. [Help about attribute types: Off]</small>		
Style Sheet	<a href="#">Save</a>	

Figure 64: Add a Data Model

## 3.7 SETTINGS

From this section, (see *Figure 65*), you can access the Entando general duty functionalities, such as setting Categories, Labels, Configuration Reload, Database backup, File Browsing, and Groups Management.

- Settings
  - Categories
  - Labels & Languages

- Reload Configuration
- Database
- File Browser
- Groups

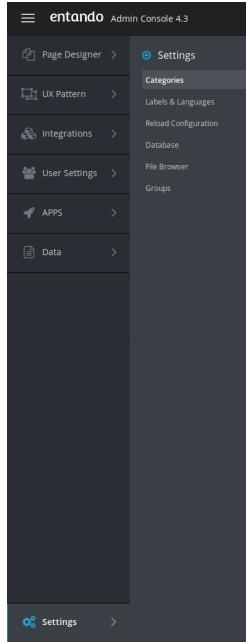


Figure 65: Settings

### 3.7.1 CATEGORIES

The Categories subsection shows a list of all available categories (see *Figure 66*). Each category's Action Menu contains the following options:

- Details
- Add
- Edit
- Delete

From the Details option (see *Figure 67*), you get a list of contents for that category with the following columns:

- Name
- Code
- Type
- Last modified

## Add a Category

Add a new category by clicking the **Add** button from the main view or by selecting “Add” from the More Actions menu for the selected category (see *Figure 68*).

## Edit a Category

You can edit the parameters of a Category by selecting “Edit” from the More Actions menu (see *Figure 69*). Note that you can only change the Title.

The screenshot shows the 'Categories tree' section of the admin console. At the top, there are tabs for 'Categories' and 'Categories settings'. Below the tabs is a toolbar with 'Categories tree', 'Expand All', 'Collapse All', and an 'Add' button. A dropdown menu labeled 'Actions' is open over a selected category, showing options: 'Details', 'Add', 'Edit', and 'Delete'. The main area displays a tree structure with categories, with a blue selection bar highlighting one node.

*Figure 66: Categories List*

The screenshot shows the 'Details' page for a category. At the top, there is a 'Details' tab and a 'Save' button. Below the tabs, there are two sections: 'Contents with this category' and 'Resources with this category', both of which contain a message stating 'There are no contents having this category.' and 'There are no resources having this category.'

*Figure 67: Category Details*

The screenshot shows the 'Add' form for a category. At the top, there is a 'Add' tab and a 'Save' button. The form contains fields for 'Title \*' (with 'en' and 'it' language tabs) and 'Code'. Below the fields is a 'Tree position' section with a 'Categories tree' dropdown, 'Expand All', and 'Collapse All' buttons, and a 'All' selection bar. A note at the bottom right indicates '\* Required Fields'.

*Figure 68: Add Categories*

The screenshot shows the 'Edit Categories' page. At the top, there are two language dropdowns: 'en' (English) and 'it' (Italian), each with a 'Title \*' field. Below them is a 'Code' field containing 'home'. In the top right corner, there is a 'Save' button.

Figure 69: Edit Categories

### 3.7.2 LABELS AND LANGUAGES

From this subsection you can access Labels and Languages settings (see *Figure 70*). The first tab, Languages, shows a list of all configured languages in the system. Information is shown in a table with:

- Code
- Name
- Delete - lets you delete the selected language

Code	Name	Delete
En*	English	
It	Italiano	

Figure 70: Label and Languages

### System labels

System labels shows a list of all available system labels (see *Figure 71*). They are labels that apply to the entire Entando application.

Every label shows:

- Code
- Language
- Actions (Edit, Delete)

Settings > Labels and Languages > System labels

Code	English	Actions
ADMINISTRATION_BASIC	Normal	[Edit] [Delete]
ADMINISTRATION_BASIC_GOTO	Go to the administration with normal client.	[Edit] [Delete]
ADMINISTRATION_MINT	Advanced	[Edit] [Delete]
ADMINISTRATION_MINT_GOTO	Go to the administration with advanced client	[Edit] [Delete]
ALL	All	[Edit] [Delete]
BOTH	Both	[Edit] [Delete]
CATEGORY	Category	[Edit] [Delete]
CNG_ATTACHMENTS	Attachments	[Edit] [Delete]
CNG_LINKS	Links	[Edit] [Delete]
CNG_READ_MORE	View details	[Edit] [Delete]
COPYRIGHT	Copyright © My Company YYYY	[Edit] [Delete]
DATE_FROM	From	[Edit] [Delete]
DATE_TO	To	[Edit] [Delete]
EDIT_THIS_CONTENT	Edit	[Edit] [Delete]
ENTANDO_API_DESCRIPTION	Description	[Edit] [Delete]
ENTANDO_API_ERROR	Errors	[Edit] [Delete]
ENTANDO_API_EXTENSION	Extension	[Edit] [Delete]
ENTANDO_API_EXTENSION_NOTE	'xml' for response in xml format and 'json' for json.	[Edit] [Delete]
ENTANDO_API_GOTO_DETAILS	Go to details	[Edit] [Delete]
ENTANDO_API_GOTO_LIST	API Resource List	[Edit] [Delete]

Your search returned 143 results | Page 1 of 8

Figure 71: System Labels

### 3.7.3 RELOAD CONFIGURATION

From this section (see Figure 72), you can reload the Entando database system configuration. After successfully reloading, you will get the following message to confirm that result: “Success! The configuration has been reloaded.”

Settings > Reload Configuration

Reload Configuration

Reload the configuration

Are you sure you want to reload the configuration?

Reload

Figure 72: Reload Configuration Success

### 3.7.4 DATABASE

From this section you can back up the entire Entando's database, by clicking the **Create Backup** button. The files of the backup are available from the File Browser section (see *Figure 73*). A list of all available backups is visible in a table with the following information:

- Ordinal number
- Date
- Required time
- Delete option

Number	Date	Required time	Edit
1	16/11/2017 23:01:01	427 milliseconds	

*Figure 73: Database Backup List*

### 3.7.5 FILE BROWSER

The File Browser subsection (see *Figure 74*) lets you browse files, upload and create text files and folders in two areas of the file-system:

- public: /project\_name/src/main/webapp/resources
- protected: /project\_name/src/main/webapp/protected

That is specifically useful to make changes to the Entando front-end, i.e. CSS, Javascript, or images.

root
public protected

*Figure 74: File Browser*

### 3.7.6 GROUPS

In the Groups subsection you can access User Groups management activities (see *Figure 75*), including the following:

- Name
- Code
- Actions

You can also add a new group by clicking the **Add** button (see *Figure 76*).

The possible actions (see *Figure 75*) for Groups are:

- Details
- Edit
- Delete

Details (see *Figure 77*) offer a tabbed view of attributes that belong to that Group:

- Pages
- Users
- Widget type
- Contents
- Resources

From the “Edit” option, you change the name of an existing Group only. From “Delete” you can delete the selected group only if it has no resources assigned to it.

Name	Code	Actions
Administrators	administrators	
Bpm Admin	bpm_admin	
Bpm Appraiser	bpm_appraiser	
Bpm Broker	bpmBroker	
Bpm Manager	bpm_manager	
Free Access	free	

Figure 75: Groups List and Actions

Settings > Groups > Add

Add

Name \*

Code \*

Save

\* Required Fields

This screenshot shows the 'Add' form for creating a new group. It includes fields for 'Name' and 'Code', both marked as required with an asterisk. A 'Save' button is at the bottom right, and a note indicates that these fields are mandatory.

Figure 76: Groups Add

Settings > Groups > Details

Details

Group

Name Administrators

Pages  Users Widget types Contents Resources

There are no referenced pages

This screenshot shows the 'Details' page for the 'administrators' group. It displays the group's name ('administrators') and a note that there are no referenced pages. Below this, there are tabs for 'Pages' (which is selected), 'Users', 'Widget types', 'Contents', and 'Resources'.

Figure 77: Groups Details