

ACR Guide

ACR Entities

ACR divides information about content in 3 entities:

- **CONTENTS:** Content is strictly the data defining something, it can be the html of web page, the address of a map or the path of a file.
- **SLICES:** A Slice is a piece of a web page, it defines in which page a content should be shown, where it should appear inside the page and how it should be displayed (for example you can decide to show an address as simply the text of the address or as a Google Maps view showing the position specified by the address).
- **PAGES:** A page is actually a web page, a web page usually will display a group of slices. The most important page is the “default” one. Default content will be displayed in each page if the page doesn't overwrite the content.

A content and a slice strictly related to each other are usually defined inside ACR as a Node.

Edit Mode

Edit mode is where you can perform changes to the slices and their contents inside a page.

To enter edit mode you just need to perform login with an 'editor' user, the default one is “manager” with “managepass” password.

The screenshot displays the ACR web application interface in edit mode. At the top, a navigation bar contains links: CREATE NODE, EDIT PAGE, CREATE PAGE, CREATE SLICE, CREATE CONTENT, REMOTE DISK, ADMIN, and Logout. Below this, a yellow banner reads "Welcome back, manager:". The main content area is divided into several slices, each with an edit button:

- menu:** Contains "acr project" and "index" links.
- header:** Features a green background with a close-up image of a green insect on a branch. The text "acr" and "advanced content repository" is visible.
- acr_presentation:** Contains the text "Welcome to ACR" and a paragraph: "ACR is an opensource CMS based on [TurboGears](#) developed by [AXANT](#) feel free to use it for any project and for more informations refer to [labs.axant.it](#). Enjoy :)"
- sidebar:** Contains a "Links" section with links to "ACR", "AXANT", and "TurboGears".
- acr_index_part2:** Contains the text "Welcome to your page!" and a paragraph: "You are now ready to use ACR, this is your index page and in the menu there is already a link to the ACR page itself, [login](#) and start creating new nodes for your site"
- footer:** Contains the text "Powered by ACR" and "Copyright ©2009 AXANT. All Rights Reserved".

The Edit Bar



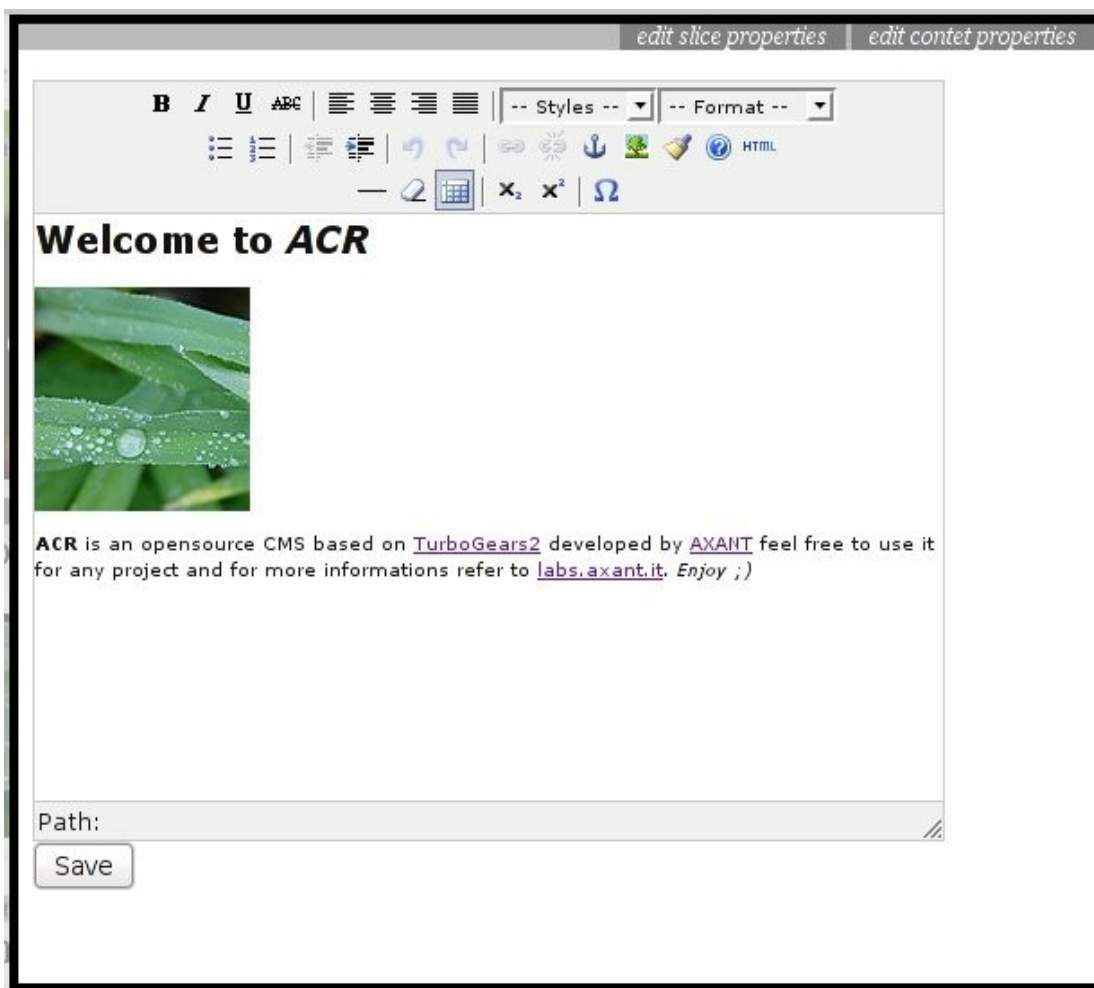
During edit mode each slice will have an edit bar visible over the slice itself.

The edit bar permits to:

- Move the slice before or after the surrounding slices with the “<” and “>” buttons.
- Remove the slice with the “X” button (it will also delete the content used by the slice if it is the only slice using that content)
- Edit the content of the slice and the slice properties by pressing the “edit” button.

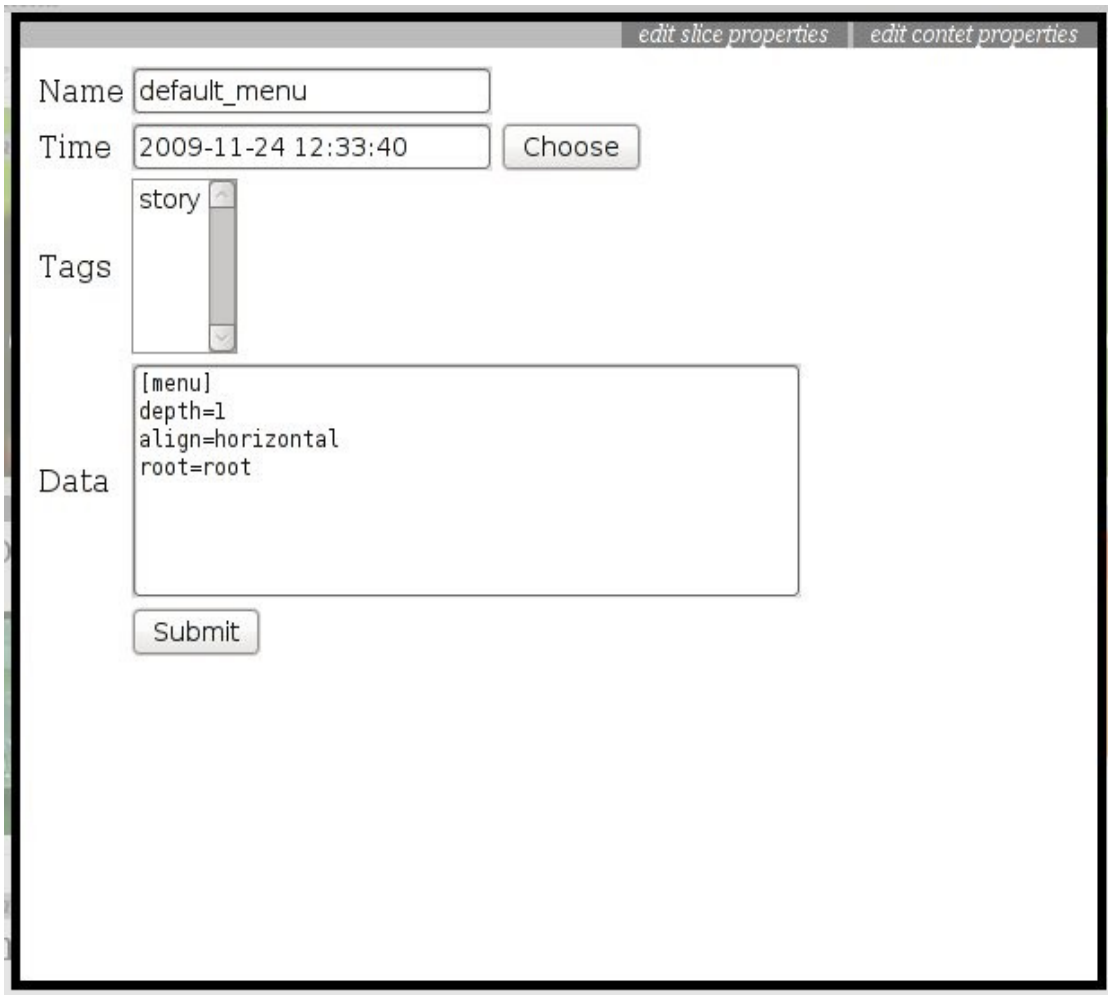
By pressing the edit button a lightbox will appear permitting to edit the content used by the slice. If the slice is using an HTML view a rich text editor will appear to permit to easily edit the content, otherwise a plain text editor will appear to permit to edit the content as specified by its view.

Editing HTML Content



Edit Box for HTML content

Editing NON-HTML Content



The image shows a web-based edit interface for non-HTML content. At the top, there are two tabs: "edit slice properties" and "edit content properties". The "edit content properties" tab is active. Below the tabs, there are several input fields and buttons:

- Name:** A text input field containing "default_menu".
- Time:** A text input field containing "2009-11-24 12:33:40" and a "Choose" button to its right.
- Tags:** A vertical scrollable list box containing the word "story".
- Data:** A large text area containing the following text:

```
[menu]
depth=1
align=horizontal
root=root
```
- Submit:** A button located below the Data field.

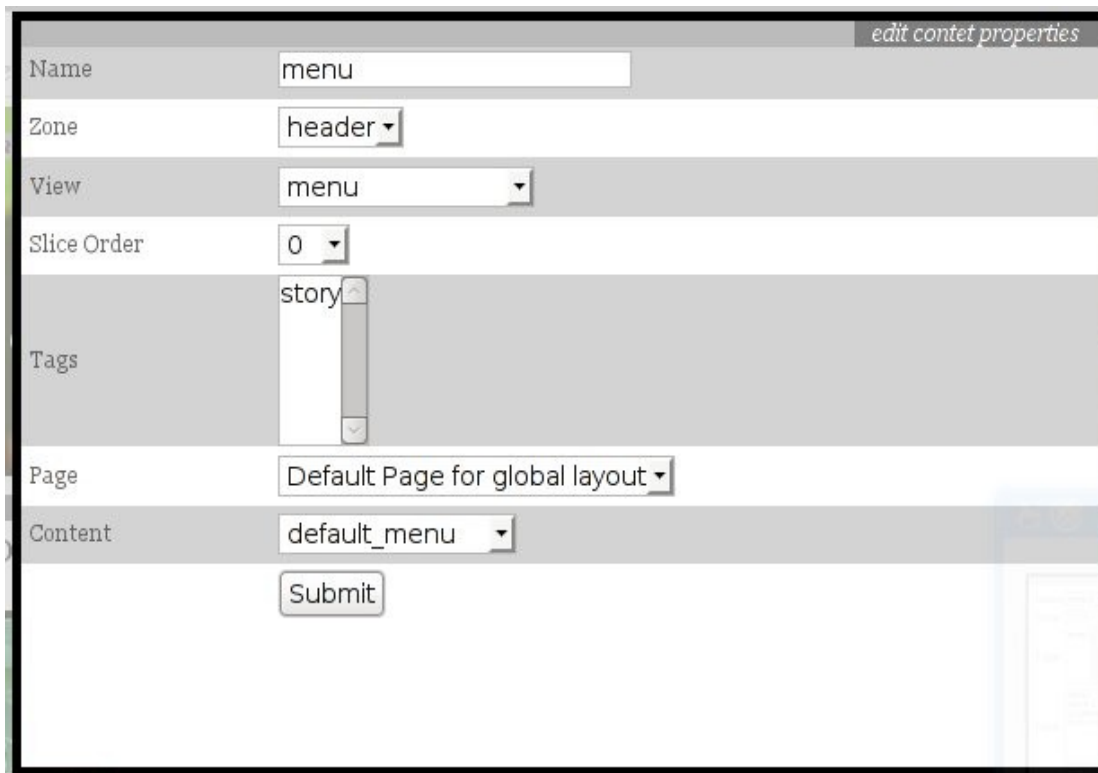
Edit Box for non-HTML content (in this case it is a menu)

When editing non-HTML content you will need to refer to the documentation of the used View about what the content should be. You can find documentation for all the views at <http://labs.axant.it/acr> inside the "Features" box.

Usually non-HTML views will require an ini-like content, with a syntax like:

```
[view_name]
option1 = option1_value
option2 = option2_value
```

Editing Slices



The screenshot shows a dialog box titled "edit content properties" for editing a slice. The fields are as follows:

Field	Value
Name	menu
Zone	header
View	menu
Slice Order	0
Tags	story
Page	Default Page for global layout
Content	default_menu

A "Submit" button is located at the bottom of the dialog.

When editing a slice you can change:

- **The Zone:** Where the slice will appear (HEADER is the top zone, FOOTER the bottom one, LEFTBAR and RIGHTBAR are the zones on the sides and MAIN is the central zone. Usually you will put content inside the main zone)
- **The View:** How the content of the slice should be displayed
- **The Order:** Changing this values is the same as using the "<" and ">" buttons in edit mode
- **The Tags:** Usually this is used to create groups of slices, by setting a tag to the slice you will say that the slice is member of the group defined by that tag. When displaying a slice of type "slicegroup" you will display a group of slices filtered using a common tag.
- **The Page:** In which page to display the slice
- **The Content:** Which content to show inside this slice, remember to set a content compatible with the selected view.

Creating New Nodes (Slices and Contents)

On the top of the web page when in edit mode you should find a bar with the “**CREATE NODE**” entry. This will permit to create new Nodes (slices with a content) or new pages.

Page: For which page to create this node.

Node Name: Which is the unique name of the node. You always need to provide this as ACR identified nodes by their names.

Zone: In which zone to display the node

Tags: Which tags you are interested in applying to the node slice or to the node content.

Tag Slice: Apply selected tags to the node slice

Tag Content: Apply selected tags to the node content.

View: The view to use to display the content of the node (changing view from HTML to something else will switch the underlying editor from a rich one to a plain text one)

Content Data: This box permits to define the content to be displayed inside the node

The screenshot shows a web form for creating a new node. The form is organized into several sections:

- Page:** A dropdown menu with a dashed line indicating a selection.
- Create a page for the node:** A checkbox.
- Node Name:** A text input field.
- Zone:** A dropdown menu with "main" selected.
- Order:** A dropdown menu with "0" selected.
- Tags:** A vertical list of tags, with "story" selected.
- Tag Slice:** A checkbox.
- Tag Content:** A checkbox.
- View:** A dropdown menu with "html" selected.
- Rich Text Editor:** A toolbar with various icons for text formatting (bold, italic, underline, text color, background color), alignment, bulleted and numbered lists, link, unlink, insert image, insert video, insert audio, insert table, and insert link. Below the toolbar is a large empty text area for content.
- Path:** A text input field at the bottom left.
- Create:** A button at the bottom center.

