

router.php vs crouter.php

After some testing and reading, it became clear Joomla looks for the router.php file in other user scenario's. Therefore I think it's still important we use the router.php file and extend on the Joomla native router, instead of overriding it.

There are more cases, but this is the most important one:

Joomla looks to the router.php file to rewrite raw url's when SEF url is turned on.

We use raw url's inside content (articles, categories, modules, ...) to avoid 404 error because of sef-url's that are changed.

For example:

[On the homepage](#) (EN), I have placed some links to illustrate:
1 to the home article, 1 to the home menu item and 1 to a car.

When SEF-url's is turned off, these remain raw url's.

When SEF-url's is turned on, these url's are rewritten before the html is rendered.

Note the 2 first examples are different raw url's. But upon inspection, you will see they render identical SEF-url's.

Upon inspection of the car url, you will see the SEF-url returned by the router.php file, and not the custom crouter.php:

```
<a href="/carscomponent/en/component/cars/car/1">Link to car</a>
```

Note:

The above situation is when we manually add a link to an article, module, etc.


But we would have the same problem when we start expanding on the component.

Let's say we would add a module to display cars on any other page in the website (that is not the car component), for example "latest cars", "newest cars", or from some category like "oldtimers". In all these cases we will always use the raw url.

Double hyphen

When the language is not English AND the edition is used, there are 2 hyphens between edition and year.

Example without edition:

 joomla.testlink.be/carscomponent/nl/cars-list/Alfa-Romeo-4C-2018-Benzine-22000km-1

Example with edition:

 joomla.testlink.be/carscomponent/nl/auto-s/Alfa-Romeo-4C-edition-NL--2018-Benzine-22000km-1

Path to menu item

Currently, the sef-url only works if our menu item (cars list) is a top level menu item. But it might as well be a second, third tier, or deeper. Depending on the scenario, it would make sense to work with a multi-tier menu level, or at least url levels for user experience and/or SEO purposes.

The current router.php file handles this well. It listens to the menu structure and add a slug to it. The crouter.php file doesn't. When the car list is not a top level menu item, the car item url's return 404.

For example:

In the EN part of our site, I have restructured the menu items. We now have a top level menu item [cars list](#), and a parent menu item [car lists](#) that contains three sub items.

When you click on a car in the top level [cars list](#), we are redirected to the correct sef-url:

joomla.testlink.be/carscomponent/en/cars-list/Alfa-Romeo-4C-edition-EN-2019-Gasoline-22000km-1

But when we would click on a car in [used cars](#) (child of car lists), the SEF-url is missing a crucial part and we end up with 404. In this case the "[used-cars/](#)" is missing from url:

joomla.testlink.be/carscomponent/en/car-lists/Alfa-Romeo-4C-edition-EN-2019-Gasoline-22000km-1

Joomla! testsite

The requested page can't be found.

An error has occurred while processing your request.


You may not be able to visit this page because of:

- an **out-of-date** bookmark/favourite
- a **mistyped** address
- a search engine that has an **out-of-date** listing for this site
- you have **no access** to this page

You may wish to search the site or visit the home page.

Search this site

Go to the Home Page

 Home Page

If difficulties persist, please contact the System Administrator of this site and report the error below.

404 Category not found

Note: This issue is probably resolved together with first page of this pdf. If we extend on Joomla native router, all these details are already handled by Joomla. In another test site in development for client, where the router.php file is used, this issue is nonexisting.