

TYPO3 Core - Bug #86557

routeEnhancers: Routing ending Slash is double

2018-10-03 16:27 - Christian Knauß

| | | | |
|--|--|------------------------|--------------------|
| Status: | Closed | Start date: | 2018-10-03 |
| Priority: | Must have | Due date: | |
| Assignee: | | % Done: | 100% |
| Category: | Link Handling, Site Handling & Routing | Estimated time: | 0.00 hour |
| Target version: | | Complexity: | |
| TYPO3 Version: | 9 | Is Regression: | |
| PHP Version: | | Sprint Focus: | On Location Sprint |
| Tags: | | | |
| Description | | | |
| If you want to add a "/" at the end of a URL, it will be added twice to the URL in the frontend. | | | |
| routeEnhancers: Suffix: type: PageType default: / index: " map: .json: 10 | | | |

Associated revisions

Revision a83df281 - 2019-01-08 16:00 - Ralf Merz

[BUGFIX] Add also the "/" slash to ROUTE_PATH_DELIMITERS array

This is needed so that the PageType routeEnhancer is able to build URL with a single trailing slash.
In other words, this fixes that a double trailing slash was created.

The functional test pageTypeDecoratorIsApplied gets extended with 2 instruction scenarios to set routeEnhancer PageTypeDecorator to have a trailing slash instead of .html suffix tested, too.

Resolves: #86557
Releases: master, 9.5
Change-Id: If03bad8f054dc659f8870a98e064d9869597e8ba
Reviewed-on: <https://review.typo3.org/59123>
Reviewed-by: Michael Giek <michael.giek@web.de>
Tested-by: Michael Giek <michael.giek@web.de>
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Daniel Goerz <daniel.goerz@posteo.de>
Reviewed-by: Benni Mack <benni@typo3.org>
Tested-by: Benni Mack <benni@typo3.org>

Revision 88e54f9f - 2019-01-08 16:50 - Ralf Merz

[BUGFIX] Add also the "/" slash to ROUTE_PATH_DELIMITERS array

This is needed so that the PageType routeEnhancer is able to build URL with a single trailing slash.
In other words, this fixes that a double trailing slash was created.

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Releases: master, 9.5
Change-Id: If03bad8f054dc659f8870a98e064d9869597e8ba
Reviewed-on: <https://review.typo3.org/59375>
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Benni Mack <benni@typo3.org>

History

#1 - 2018-10-03 22:54 - Christian Knauf

- Assignee set to Oliver Hader

#2 - 2018-10-06 15:11 - Daniel Dorndorf

I also had the issue and solved this with a custom page type decorator.

For the trailing slash ROUTE_PATH_DELIMITERS should have / in the array

The class also solves the problem with the startpage generating "/index/" or "index.html" if you force ".html"

```
PageTypeSuffix:
  type: CustomPageType
  default: '/'
  index: 'index'
  map:
    '/': 0

class CustomPageTypeDecorator extends PageTypeDecorator
{
  public const IGNORE_INDEX = [
    '/index.html',
    '/index/',
  ];

  public const ROUTE_PATH_DELIMITERS = ['.', '-', '_', '/'];

  /**
   * @param \TYPO3\CMS\Core\Routing\RouteCollection $collection
   * @param array $parameters
   */
  public function decorateForGeneration(RouteCollection $collection, array $parameters): void
  {
    parent::decorateForGeneration($collection, $parameters);

    /**
     * @var string $routeName
     * @var \TYPO3\CMS\Core\Routing\Route $route
     */
    foreach ($collection->all() as $routeName => $route) {
      $path = $route->getPath();

      if (true === \in_array($path, self::IGNORE_INDEX, true)) {
        $route->setPath('/');
      }
    }
  }
}
```

#3 - 2018-10-11 21:31 - Wouter Wolters

- Assignee deleted (Oliver Hader)

#4 - 2018-10-12 10:41 - Christian Knauf

- Priority changed from Should have to Must have

#5 - 2018-10-12 10:46 - Matthias Krappitz

Can confirm this problem. No matter how you do it, you end up with trailing "/" instead of trailing "/". Tried the following variants:

```
routeEnhancers:
  PageType:
    type: PageType
    default: '/'
    map:
      '/': 1
```

```
routeEnhancers:
  Suffix:
    type: PageType
    default: '/'
```

```

        index: ''
        map:
            '/': 1

routeEnhancers:
    PageTypeSuffix:
        type: PageType
        default: '/'
        index: ''
        map:
            '/': 1

```

#6 - 2018-10-12 13:12 - Matthias Krappitz

Sven Wappler proposed a simple fix for this double trailing "/" issue to change line 150 of `typo3/sysex/core/Classes/Routing/Enhancer/PageTypeDecorator.php` from

```

if ($value !== '' && !in_array($value{0}, static::ROUTE_PATH_DELIMITERS)) {
to

```

```

if ($value !== '' && !in_array($value{0}, static::ROUTE_PATH_DELIMITERS) && $value !== '/') {

```

when the "/" suffix for the urls in the siteconf is as written above. This works for me!

#7 - 2018-10-25 11:59 - Susanne Moog

- *Sprint Focus set to On Location Sprint*

#8 - 2018-11-12 14:16 - Edward A. Gabdullin

Matthias Krappitz wrote:

Sven Wappler proposed a simple fix for this double trailing "/" issue to change line 150 of `typo3/sysex/core/Classes/Routing/Enhancer/PageTypeDecorator.php` from

```

[...]
to
[...]

```

when the "/" suffix for the urls in the siteconf is as written above. This works for me!

After this change, XmlSitemap displays links without `type=1533906435`, for example it should be:

```

https://domain.name/en/?sitemap=pages&type=1533906435&cHash=a99c2cfce77a538c64e3de0213cf780e

```

but it turns out

```

https://domain.name/en/?sitemap=pages&cHash=a99c2cfce77a538c64e3de0213cf780e

```

P.S. Sorry, an error in the path XmlSitemap appears after adding the suffix:

```

routeEnhancers:
    PageTypeSuffix:
        type: PageType
        default: /
        index: ''
        map:
            /: 1

```

#9 - 2018-11-12 15:25 - Jesper Mathiasen

Another inconsistency is with translations. As default the urls generated will not have a trailing slash:

```

domain.com/page/subpage

```

but the top level page for a translation will have a trailing slash:

```

domain.com/en/

```

Of course when using '.html' suffixes with the index property set to 'index' this does not pose a problem as it would then look like this:

domain.com/en/index.html

Is the forced trailing slash for a translated index page the desired outcome, i.e. does it have some semantic meaning?

The solution above (<https://forge.typo3.org/issues/86557#note-2>) solves it for me by creating consistent trailing slashes.

#10 - 2018-12-12 17:43 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/59123>

#11 - 2018-12-12 17:48 - Ralf Merz

Hi,

i've just provided a patch with the added trailing slash to the constant as Daniel said in <https://forge.typo3.org/issues/86557#note-2>

I use this in my config.yaml (rss and json may be ignored):

```
routeEnhancers:
  PageTypeSuffix:
    type: PageType
    default: '/'
    suffix: '/'
    index: 'index'
    map:
      'rss.feed': 13
      '.json': 26
      '/': 0
```

Would that help to get "trailing slash" on track?

#12 - 2018-12-13 22:55 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/59123>

#13 - 2019-01-08 15:01 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/59123>

#14 - 2019-01-08 15:28 - Gerrit Code Review

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/59123>

#15 - 2019-01-08 16:01 - Gerrit Code Review

Patch set 1 for branch **9.5** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/59375>

#16 - 2019-01-08 16:30 - Anonymous

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [a83df28114687682972574480c62c2a8944ac07f](https://review.typo3.org/59375).

#17 - 2019-05-07 12:17 - Benni Mack

- Status changed from Resolved to Closed