

yii2 url中的backslash

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- 问题概述
- 解决方案
- 最终解决的方案
- Maybe Better?

问题概述

问题是这样的，简单来说 一个url

api 和 api/ 是不同的，如果直接使用UrlManger 默认会trim掉pattern末尾的/，这样就会有问题，

比如 下面两个urlRule，实际上第二个audit/ 的末尾的 slash会被trim掉，从而和第一个完全一样，这样访问 audit/ 的时候就会404

```
24         'rules' => [  
25             'audit' => 'account/error',  
26             'audit/' => 'account/error',
```

解决方案

可以使用normalization, <http://www.yiiframework.com/doc-2.0/guide-runtime-routing.html#url-normalization>

URL normalization

Since version 2.0.10 [UrlManager](#) can be configured to use [UrlNormalizer](#) for dealing with variations of the same URL, for example with and without a trailing slash. Because technically <http://example.com/path> and <http://example.com/path/> are different URLs, serving the same content for both of them can degrade SEO ranking. By default normalizer collapses consecutive slashes, adds or removes trailing slashes depending on whether the suffix has a trailing slash or not, and redirects to the normalized version of the URL using [permanent redirection](#). The normalizer can be configured globally for the URL manager or individually for each rule - by default each rule will use the normalizer from URL manager. You can set `UrlRule::$normalizer` to `false` to disable normalization for particular URL rule.

```
23         'rules' => [  
24             [  
25                 'audit' => 'account/error',  
26                 'audit/' => 'account/error',
```

```
25         'pattern' => 'api',
26         'route' => 'api/getitems',
27         'normalizer' => [
28             // do not collapse consecutive slashes for this rule
29             'collapseSlashes' => false,
30         ],
31     ],
```

但是这样也会有问题，因为yii2里面认为这种应该做成一种301跳转比较合适，所以会发送第二次的无backslash的请求，如果前后端分离的场景中，就会有跨域的问题，因为第一次的请求是前端发起的，第二次是后端发起的

具体的参考 <https://github.com/yiisoft/yii2/issues/7670>

这里面论述了为何改成301的原因 以及 另外一种解决方案

最终解决方

最终，本人决定直接改用suffix解决， 这样就可以比较好的解决了

```
37     [
38     'pattern' => 'api/<dumb>/<dumb1>',
39     'suffix' => '/',
40     'route' => '/<dumb>/<dumb1>',
41     ],
```

结果实例:

×	Headers	Preview	Response	Cookies	Timing
▼ General					
Request URL: https://source.test.ethercap.com/api/api/getitems/?_=1487768401997					
Request Method: GET					
Status Code: 200 OK					
Remote Address: 60.205.219.253:443					

Maybe Better?

看来国外的同行更倾向于使用Nginx直接trim掉末尾的slash

<https://yii2-cookbook.readthedocs.io/handling-trailing-slash-in-urls/>

Redirecting via nginx

Redirecting to no-slash URLs.

```
location / {  
    rewrite ^(.*)/$ $1 permanent;  
    try_files $uri $uri/ /index.php?$args;  
}
```

Redirecting to slash URLs.

```
location / {  
    rewrite ^(.*/)$ $1/ permanent;  
    try_files $uri $uri/ /index.php?$args;  
}
```

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