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How to get parameters from a URL string?

I have a HTML form field `$_POST["url"]` having some URL strings as the value. Example values are:

```
https://example.com/test/1234?email=xyz@test.com
https://example.com/test/1234?basic=2&email=xyz2@test.com
https://example.com/test/1234?email=xyz3@test.com
https://example.com/test/1234?email=xyz4@test.com&testin=123
https://example.com/test/the-page-here/1234?someurl=key&email=xyz5@test.com
```

etc.

How can I get only the `email` parameter from these URLs/values?

Please note that I am not getting these strings from browser address bar.

php   url-parsing

edited Oct 24 '16 at 11:15	asked Jul 14 '12 at 3:27
JJJ	Autolycus
27.1k 11 65 85	**7,927** 32 105 178

I'm a little confused, please elaborate the Q... – Dexter Huinda Jul 14 '12 at 3:30

please look at the edit – Autolycus Jul 14 '12 at 3:33

Are you saying/asking for the URLs to be treated as strings? – hjpotter92 Jul 14 '12 at 3:39

If you want to "match" the email part from strings, like in your examples, use regular expressions. Could be as simple as `/(email=\w\@\w\.\w)/` or more advanced matching techniques. Just giving you the idea.

See `preg_match` function: php.net/manual/en/function.preg-match.php – Dexter Huinda Jul 14 '12 at 3:43

possible duplicate of How do I extract query parameters from an URL string in PHP? – Simer Jul 8 '15 at 5:11

9 Answers

You can use the `parse_url()` and `parse_str()` for that.

```
$parts = parse_url($url);
parse_str($parts['query'], $query);
echo $query['email'];
```

If you want to get the `$url` dynamically with PHP, take a look at this question:

Get the full URL in PHP

edited May 23 at 12:26	answered Jul 14 '12 at 3:47
Community ♦	Ruel
1 1	10k 4 26 43

2   Like this 🌹 thx. – mghhgm Mar 14 at 12:37

this is very mantabs in my opinion – Fathur Rohim Mar 26 at 17:48

1   mantabs? Is that a typo or just more evidence of how un-hip I am? :) – rinogo Aug 25 at 20:04

All the parameters after `?` can be accessed using `$_GET` array. So,

```
 echo $_GET['email'];
```

will extract the emails from urls.

edited Jul 14 '12 at 3:39	answered Jul 14 '12 at 3:29
	hjpotter92
	51.2k 16 76 112

7   its not in the url...its the url in the code – Autolycus Jul 14 '12 at 3:33

13   This isn't the answer to the question, but this is the answer I was looking for when I asked the Googles for the question, so +1 for answering Google correctly. – BillyNair Feb 17 '16 at 18:44

Use the parse_url() and parse_str() methods. `parse_url()` will parse a URL string into an

associative array of its parts. Since you only want a single part of the URL, you can use a shortcut to return a string value with just the part you want. Next, `parse_str()` will create variables for each of the parameters in the query string. I don't like polluting the current context, so providing a second parameter puts all the variables into an associative array.

```php
$url = "https://mysite.com/test/1234?email=xyz4@test.com&testin=123";
$query_str = parse_url($url, PHP_URL_QUERY);
parse_str($query_str, $query_params);
print_r($query_params);

//Output: Array ( [email] => xyz4@test.com [testin] => 123 )
```

answered Jul 14 '12 at 4:01

JCotton
8,557   3   34   48

Use $_GET['email'] for parameters in URL. Use $_POST['email'] for posted data to script. Or use _$REQUEST for both. Also, as mentioned, you can use parse_url() function that returns all parts of URL. Use a part called 'query' - there you can find your email parameter. More info: http://php.net/manual/en/function.parse-url.php

answered Jul 14 '12 at 3:56

Paul Denisevich
1,610   6   9

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2   OP said he is not getting URLs from `address bar`. These URLs are just strings `IN` the code. – DavChana Jul 14 '12 at 6:12

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you can use below code to get email address after ? in the URL

```php
<?php
if (isset($_GET['email'])) {
    echo $_GET['email'];
}
```

| Run code snippet | Expand snippet |

answered Feb 8 '16 at 10:18

Gulshan kumar
78   5

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1   The OP requested extracting variables from a string not the URL in current page. parse_url() is the correct answer assuming the string is correctly formatted. – Bloafer Feb 8 '16 at 10:44

I created function from @Ruel answer. You can use this:

```
function get_valueFromStringUrl($url , $parameter_name)
{
    $parts = parse_url($url);
    if(isset($parts['query']))
    {
        parse_str($parts['query'], $query);
        if(isset($query[$parameter_name]))
        {
            return $query[$parameter_name];
        }
        else
        {
            return null;
        }
    }
    else
    {
        return null;
    }
}
```

Example:

```
$url = "https://example.com/test/the-page-here/1234?
someurl=key&email=xyz5@test.com";
echo get_valueFromStringUrl($url , "email");
```

Thanks to @Ruel

edited May 23 at 12:26   answered Mar 14 at 12:53

Community ♦   mghhgm
1   1   **567**   8   25

```
$uri = $_SERVER["REQUEST_URI"];
$uriArray = explode('/', $uri);
$page_url = $uriArray[1];
$page_url2 = $uriArray[2];
echo $page_url; <- see the value
```

This is working Grate for me using php

answered Jun 27 '16 at 10:20

Asesha George
443   3   19

You could get the parameters of the url like this:

```
email = $_GET["email"];
```

.. or like this:

```
$url = $_SERVER["REQUEST_URI"];
$email = str_replace("/path/to/file.php?email=", "", $url);
```

Examples of the path to file:

if the url looks like this:

```
 https://example.com/file.php
```

then the path to file is:

```
 /file.php (+ parameter to get. Example: ?email=)
```

answered Jul 7 at 12:49

L LeoM2G
1

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you can use filter_input() see php manual

answered May 4 at 17:52

user2290492
24   7

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1   This is a terrible answer. Would you mind adding an example? – Antti29 May 8 at 12:45