## Subject: URL Parsing for wget in IDL Posted by Ben Panter on Tue, 17 Jul 2007 15:54:24 GMT

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Hi Folks,

Does anyone know of a handy way of parsing URLs in IDL? Or even a nice perl script to do it? The situation is that we have a server that can accept SQL queries via URL encoding of a get command, which works in the main part but falls over with '&' and '+' type syntax.

I'll write a regexp version myself if necessary, but it's not trivial - you have to ensure the ordering is correct as there are several encodings which use characters which would other wise be replaced.

cheers,

Ben

Ben Panter, Edinburgh, UK. Email false, http://www.benpanter.co.uk or you could try ben at ^^^^

Subject: Re: URL Parsing for wget in IDL Posted by Michael Galloy on Wed, 18 Jul 2007 18:48:11 GMT View Forum Message <> Reply to Message

On Jul 17, 9:54 am, Ben Panter <m...@privacy.net> wrote:

> Hi Folks,

>

- > Does anyone know of a handy way of parsing URLs in IDL? Or even a
- > nice perl script to do it? The situation is that we have a server that
- > can accept SQL gueries via URL encoding of a get command, which works in
- > the main part but falls over with '&' and '+' type syntax.

>

- > I'll write a regexp version myself if necessary, but it's not trivial
- > you have to ensure the ordering is correct as there are several
- > encodings which use characters which would other wise be replaced.

There is a PARSE\_URL routine in IDL 6.4 that would probably get you started.

Mike

\_\_

www.michaelgalloy.com

## Subject: Re: URL Parsing for wget in IDL Posted by Conor on Wed, 18 Jul 2007 19:11:29 GMT

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On Jul 17, 11:54 am, Ben Panter <m...@privacy.net> wrote:
> Hi Folks,
>
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>
    I'll write a regexp version myself if necessary, but it's not trivial
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 - you have to ensure the ordering is correct as there are several
  encodings which use characters which would other wise be replaced.
>
    cheers.
>
     Ben
>
>
> Ben Panter, Edinburgh, UK.
> Email false, http://www.benpanter.co.uk
> or you could try ben at ^^^^
```

Googling "perl parse url" brought up plenty of promising looking candidates. Here's one:

http://textsnippets.com/posts/show/523

IDL does have regular expressions, although I haven't tried to see if they can do as much as perl (they probably can). So you can always take one of those regular expressions and just convert it to an IDL regular expression. IDL does use different syntax than perl, so it would take some work. You would also have to know a lot about the IDL regular expression system, which I'm afraid I can't help you with. There's a website somewhere that explains it all, but I can't find it at the moment. Someone here knows though...

Subject: Re: URL Parsing for wget in IDL Posted by Michael Galloy on Thu, 19 Jul 2007 15:19:25 GMT View Forum Message <> Reply to Message

## Conor wrote:

> On Jul 17, 11:54 am, Ben Panter <m...@privacy.net> wrote:

>> Hi Folks,

>>

```
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>>
>> nice perl script to do it? The situation is that we have a server that
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>>
      Ben
>>
>>
>> --
>> Ben Panter, Edinburgh, UK.
>> Email false,http://www.benpanter.co.uk
>> or you could try ben at ^^^^^
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> http://textsnippets.com/posts/show/523
>
> IDL does have regular expressions, although I haven't tried to see if
> they can do as much as perl (they probably can). So you can always
> take one of those regular expressions and just convert it to an IDL
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> regular expression system, which I'm afraid I can't help you with.
> There's a website somewhere that explains it all, but I can't find it
> at the moment. Someone here knows though...
>
The regular expression they suggest is:
^((http[s]?|ftp):\/)?\/?([^:\/\s]+)((\/\w+)*\/)([\w\-\.]+[^# ?\s]+)(.*)?(#[\w\-]+)$
which I think will be OK for IDL except \s (whitesace) needs to be
[[:blank:]] and \w (word character) needs to be [[:alnum:] ]
Check out:
  http://michaelgalloy.com/2006/06/11/regular-expressions.html
which links to a paper with more details at:
```

http://www.ittvis.com/codebank/search.asp?FID=311

--

www.michaelgalloy.com

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Subject: Re: URL Parsing for wget in IDL Posted by Ben Panter on Thu, 19 Jul 2007 15:45:50 GMT View Forum Message <> Reply to Message
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## Michael Galloy wrote:

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The regular expression they suggest is:
  ((http[s]?|ftp):V)?V?([^:V\s]+)((V\w+)*V)([\w\-\.]+[^#?\s]+)(.*)?(#[\w\-]+)
>
>
> which I think will be OK for IDL except \s (whitesace) needs to be
> [[:blank:]] and \w (word character) needs to be [[:alnum:]_]
>
  Check out:
>
>
    http://michaelgalloy.com/2006/06/11/regular-expressions.html
>
>
  which links to a paper with more details at:
   http://www.ittvis.com/codebank/search.asp?FID=311
>
>
Thanks guys - will do.
 Ben
Ben Panter, Edinburgh, UK.
Email false, http://www.benpanter.co.uk
or you could try ben at ^^^^^
```