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Perch CMS
grabaperch.com

RDG Geek Night 10th September 2013



REALLY GOOD TEMPLATE LANGUAGE

Ed Hills And I de Marine Marin

-50-WHATWAS OUT THERE?



SMARITY

(NOT SO SMART)

Eddin Market Market Company of the C

TWIG (NOT SO MATURE)

Ed Hills And I de Marine Marine Miller Mille

JUST PHP-WITH A-DIFFERENT SYNTAX

ELLINE SANCELLIA MARCINE MARCI



<perch:content</pre> type="text" id="heading" label="Main heading" required="true"

```
<h2><perch:content id="heading"
type="text" label="Heading"
required="true" title="true" /></h2>
```

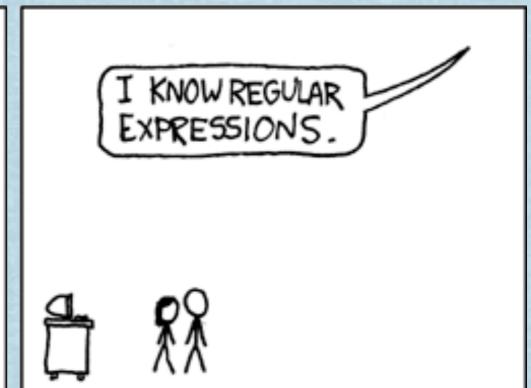
```
<perch:content id="date"
type="date" label="Date" format="%d %B
%Y" />
```

```
<perch:content id="body" type="textarea"
label="Body" textile="true"
editor="markitup" required="true" />
```

HTMLISLIKE X MINISTER NO. 1 CONTROL OF THE SERVICE AND LESS OF THE SERVICE AND

```
<img src="<perch:content
id="photo" type="image"
label="Photo" />" />
```





xkcd.com/208



You can't parse [X]HTML with regex. Because HTML can't be parsed by regex. Regex is not a tool that can be used to correctly parse HTML. As I have answered in HTML-and-regex questions here so many times before, the use of regex will not allow you to consume HTML. Regular expressions are a tool that is insufficiently sophisticated to understand the constructs employed by HTML. HTML is not a regular language and hence cannot be parsed by regular expressions. Regex queries are not equipped to break down HTML into its meaningful parts, so many times but it is not getting to me. Even enhanced irregular regular expressions as used by Perl are not up to the task of parsing HTML. You will never make me crack. HTML is a language of sufficient complexity that it cannot be parsed by regular expressions. Even Jon Skeet cannot parse HTML using regular expressions. Every time you attempt to parse HTML with regular expressions, the unholy child weeps the blood of virgins, and Russian hackers pwn your webapp. Parsing HTML with regex summons tainted souls into the realm of the living. HTML and regex go together like love, marriage, and ritual infanticide. The <center> cannot hold it is too late. The force of regex and HTML together in the same conceptual space will destroy your mind like so much watery putty. If you parse HTML with regex you are giving in to Them and their blasphemous ways which doom us all to inhuman toil for the One whose Name cannot be expressed in the Basic Multilingual Plane, he comes. HTML-plus-regexp will liquify the nerves of the sentient whilst you observe, your psyche withering in the onslaught of horror. Regex-based HTML parsers are the cancer that is killing StackOverflow it is too late it is too late we cannot be saved the trangession of a child ensures regex will consume all living tissue (except for HTML which it cannot, as previously prophesied) dear lord help us how can anyone survive this scourge using regex to parse HTML has doomed humanity to an eternity of dread torture and security holes using regex as a tool to process HTML establishes a breach between this world and the dread realm of corrupt entities (like SGML entities, but more corrupt) a mere glimpse of the world of regex parsers for HTML will instantly transport a programmer's consciousness into a world of ceaseless screaming, he comes, the pestilent slithy regexinfection will devour your HTML parser, application and existence for all time like VisualaBasic only worse he comes he comes do not fight he comes, 'his unholy radiancé destroying all enlightenment, HTML tags leaking from your eyes 'like liquid pain, the song of regular expression parsing will exti nguish the voices of mortal man from the sphere I can see it can you see it it is beautiful the final snuf fing of the lies of Man ALL IS LOST the pony he comes he comes the ichor permeates all MY FACE MY, LACE Phrgod no NO NOQOO NO stop the antigles are not real ZĂLGO JŠ TONY THẾ TONY HÈ TƠN HÈ TƠN ĐỘN HÀ TONG S

stackoverflow.com/questions/1732348/



<perch:content type="text"
id="heading" label="Main heading"
required="true" />

#<perch:content[^>]*/>#

```
$Tag = new PerchXMLTag(
  '<perch:content id="foo" bar="baz" />');
echo $Tag->bar; // baz
```

Marine Ma

```
#([a-z-]+)=[\"]([^\"\\\\]*(?:\\\\.[^\"\\\\\\]*)*)[\"]#
```

CILLIAN CILLANDEN SANCIEL SANC

-WAIT-REGULAR EXPRESSIONS ARE SLOW, RIGHT2



REGEX ARE **UNLESS YOU**

Child Marie Marie



```
<perch:if exists="foo">
    ... loadsamarkup ...
</perch:if>
```

```
#(<perch:if[^>]*>)(((?!
perch:if).)*)</perch:if>#
```

-WE NEEDED-A NEW WAY -TO PARSE-TAG PAIRS





```
<perch:if exists="a">
  <perch:if exists="b">
    <perch:if exists="c">
      Hello, world.
    </perch:if>
  </perch:if>
<perch:else />
  <perch:if exists="d">
    Goodbye, cruel world.
  </perch:if>
</perch:if>
```



```
<perch:if exists="a">
  <perch:if exists="b">
    <perch:if exists="c">
      Hello, world.
    </perch:if>
  </perch:if>
<perch:else />
  <perch:if exists="d">
    Goodbye, cruel world.
  </perch:if>
</perch:if>
```



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<perch:if exists="a">
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      Hello, world.
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  </perch:if>
<perch:else />
  <perch:if exists="d">
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  </perch:if>
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  <perch:if exists="b">
    <perch:if exists="c">
      Hello, world.
    </perch:if>
  </perch:if>
<perch:else />
  <perch:if exists="d">
    Goodbye, cruel world.
  </perch:if>
</perch:if>
```



```
<perch:if exists="a">
  <perch:if exists="b">
    <perch:if exists="c">
     Hello, world.
    </perch:if>
  </perch:if>
<perch:else />
  <perch:if exists="d">
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  </perch:if>
</perch:if>
```



```
<perch:if exists="a">
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     Hello, world.
    </perch:if>
  </perch:if>
<perch:else />
  <perch:if exists="d">
    Goodbye, cruel world.
  </perch:if>
</perch:if>
```



```
<perch:if exists="a">
  <perch:if exists="b">
```

Hello, world.

```
</perch:if>
<perch:else />
    <perch:if exists="d">
        Goodbye, cruel world.
      </perch:if>
</perch:if></perch:if>
```



```
<perch:if exists="a">
  <perch:if exists="b">
      Hello, world.
  </perch:if>
<perch:else />
  <perch:if exists="d">
    Goodbye, cruel world.
  </perch:if>
</perch:if>
```



Eddinie Alder Marie Mari

NO MORE WINDOWS CRASHES

Eddid Malida Maria Maria

MAYBE - WE WILL - REWRITE IT



THANKOU

