

Assignment 3 : Version control systems/Latex

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September 25, 2016

1 Create a unix regular expression to show all lines that contain URI's in a html file. (hrefs ...)

For this purposes I created following regular expression:

```
<[\w \d"'`]+?(?:href|codebase|cite|src|background|action|longdesc|src|profile|usemap|
classid|formaction|icon|manifest|poster)=[\d\w#:/]+?["'`]??.+?>
```

1.1 Use wget to retrieve a page

```
1 wget www.csszengarden.com
```

1.2 Use grep -E

```
1 cat index.html | grep -E "<[^\>]+?(?:?
  ↳ href|codebase|cite|src|background|action|longdesc|src
  ↳ |profile|usemap|classid|formaction|icon|manifest|poster).*"
```

1.3 Parsing www.csszengarden.com

Results of parsing:

```
1 <link rel="stylesheet" media="screen" href="/214/214.css?v=8may2013">
2 <link rel="alternate" type="application/rss+xml" title="RSS"
  ↳ href="http://www.csszengarden.com/zengarden.xml">
3 <script src="script/html5shiv.js"></script>
4 <p>Download the example <a href="/examples/index" title="This page's
  ↳ source HTML code, not to be modified.">html file</a> and <a
  ↳ href="/examples/style.css" title="This page's sample CSS, the file
  ↳ you may modify.">css file</a></p>
```

5 <p>Strong visual design has always been our focus. You are modifying
 → this page, so strong <abbr title="Cascading Style
 → Sheets">CSS</abbr> skills are necessary too, but the example files
 → are commented well enough that even <abbr title="Cascading Style
 → Sheets">CSS</abbr> novices can use them as starting points. Please
 → see the <a href="http://www.mezzoblue.com/zengarden/resources/"
 → title="A listing of CSS-related resources"><abbr title="Cascading
 → Style Sheets">CSS</abbr> Resource Guide for advanced tutorials
 → and tips on working with <abbr title="Cascading Style
 → Sheets">CSS</abbr>.</p>

6 <p>Download the sample <a href="/examples/index" title="This page's
 → source HTML code, not to be modified.">HTML and <a
 → href="/examples/style.css" title="This page's sample CSS, the file
 → you may modify.">CSS to work on a copy locally. Once you have
 → completed your masterpiece (and please, don't submit
 → half-finished work) upload your <abbr title="Cascading Style
 → Sheets">CSS</abbr> file to a web server under your control. <a
 → href="http://www.mezzoblue.com/zengarden/submit/" title="Use the
 → contact form to send us your CSS file">Send us a link to an
 → archive of that file and all associated assets, and if we choose
 → to use it we will download it and place it on our server.</p>

7 <p>This is a learning exercise as well as a demonstration. You retain
 → full copyright on your graphics (with limited exceptions, see <a
 → href="http://www.mezzoblue.com/zengarden/submit/guidelines/">submission
 → guidelines), but we ask you release your <abbr
 → title="Cascading Style Sheets">CSS</abbr> under a Creative Commons
 → license identical to the <a
 → href="http://creativecommons.org/licenses/by-nc-sa/3.0/"
 → title="View the Zen Garden's license information.">one on this
 → site so that others may learn from your work.</p>

8 <p role="contentinfo">By Dave
 → Shea. Bandwidth graciously donated by <a
 → href="http://www.mediatemple.net/">mediatemple. Now available:
 → <a
 → href="http://www.amazon.com/exec/obidos/ASIN/0321303474/mezzoblue-20/">Zen
 → Garden, the book.</p>

9 <a href="http://validator.w3.org/check/referer" title="Check the
 → validity of this site's HTML"
 → class="zen-validate-html">HTML

```

10 <a href="http://jigsaw.w3.org/css-validator/check/referer"
    ↳ title="Check the validity of this site's CSS"
    ↳ class="zen-validate-css">CSS</a>
11 <a href="http://creativecommons.org/licenses/by-nc-sa/3.0/"
    ↳ title="View the Creative Commons license of this site:
    ↳ Attribution-NonCommercial-ShareAlike." class="zen-license">CC</a>
12 <a href="http://mezzoblue.com/zengarden/faq/#aaa" title="Read about
    ↳ the accessibility of this site" class="zen-accessibility">A11y</a>
13 <a href="https://github.com/mezzoblue/csszengarden.com" title="Fork
    ↳ this site on Github" class="zen-github">GH</a>
14 <a href="/221/" class="design-name">Mid Century Modern</a> by
    ↳ <a href="http://andrewlohman.com/"
    ↳ class="designer-name">Andrew Lohman</a>
15 <a href="/220/" class="design-name">Garments</a> by
    ↳ <a href="http://danielmall.com/" class="designer-name">Dan
    ↳ Mall</a>
16 <a href="/219/" class="design-name">Steel</a> by <a
    ↳ href="http://steffen-knoeller.de"
    ↳ class="designer-name">Steffen Knoeller</a>
17 <a href="/218/" class="design-name">Apothecary</a> by
    ↳ <a href="http://trentwalton.com" class="designer-name">Trent
    ↳ Walton</a>
18 <a href="/217/" class="design-name">Screen Filler</a> by
    ↳ <a href="http://elliottjaystocks.com/"
    ↳ class="designer-name">Elliot Jay Stocks</a>
19 <a href="/216/" class="design-name">Fountain Kiss</a> by
    ↳ <a href="http://jeremycarlson.com"
    ↳ class="designer-name">Jeremy Carlson</a>
20 <a href="/215/" class="design-name">A Robot Named Jimmy</a> by
    ↳ <a href="http://meltmedia.com/"
    ↳ class="designer-name">meltmedia</a>
21 <a href="/214/" class="design-name">Verde Moderna</a> by
    ↳ <a href="http://www.mezzoblue.com/"
    ↳ class="designer-name">Dave Shea</a>
22 <a href="/214/page1">
23 <a href="http://www.mezzoblue.com/zengarden/alldesigns/"
    ↳ title="View every submission to the Zen Garden.">
24 <a href="/214/214.css" title="View the source CSS file of the
    ↳ currently-viewed design.">
25 <a href="http://www.mezzoblue.com/zengarden/resources/"
    ↳ title="Links to great sites with information on using CSS.">

```

```

26      <a href="http://www.mezzoblue.com/zengarden/faq/" title="A list
    ↪    of Frequently Asked Questions about the Zen Garden.">
27      <a href="http://www.mezzoblue.com/zengarden/submit/" title="Send
    ↪    in your own CSS file.">
28      <a href="http://www.mezzoblue.com/zengarden/translations/"
    ↪    title="View translated versions of this page.">

```

2 Dutch telephone numbers

For matching telephone numbers I designed following regular expression:

```
[\\+]?([\\d]{1,3}[\\s\\-])?([\\(\\{1}[\\d]{1,6}[\\)\\}])?([\\d\\s\\-\\/]{3,20})(x|ext)[\\s]?[\\d]{1,4}?
```