Core - Bug # 20625

Status:	New		Priority:	Should have
Author:	Michiel Roos		Category:	TypoScript
Created:	2009-06-17		Assigned To:	Patrick Broens
Updated:	2015-06-15		Due date:	

TYPO3 Version:	4.5
PHP Version:	
Complexity:	
Is Regression:	No
Sprint Focus:	
Subject:	Optimize CSS

Description

I was pointed to this great extension for firefox called 'page speed'.

It checks other things than YSLOW does and does more 'in depth' checking.

http://code.google.com/speed/page-speed/

It comes with some recommendations about the CSS fo css styled content:

Very inefficient rules (good to fix on any page):

  - div.csc-textpic-border div.csc-textpic-imagewrap .csc-textpic-image img   Tag key with 3 descendant selectors and Class overly qualified with tag and Class overly qualified with tag

  - div.csc-textpic div.csc-textpic-imagewrap ul   Tag key with 2 descendant selectors and Class overly qualified with tag and Class overly qualified with tag

  - div.csc-textpic div.csc-textpic-imagewrap ul li   Tag key with 3 descendant selectors and Class overly qualified with tag and Class overly qualified with tag

  - div.csc-textpic div.csc-textpic-imagewrap dl.csc-textpic-image dt   Tag key with 3 descendant selectors and Class overly qualified with tag and Class overly qualified with tag and Class overly qualified with tag

  - div.csc-textpic div.csc-textpic-imagewrap dl.csc-textpic-image dd   Tag key with 3 descendant selectors and Class overly qualified with tag and Class overly qualified with tag and Class overly qualified with tag

  - div.csc-textpic div.csc-textpic-imagewrap dl.csc-textpic-image dd img   Tag key with 4 descendant selectors and Class overly qualified with tag and Class overly qualified with tag and Class overly qualified with tag

  - div.csc-textpic div.csc-textpic-imagewrap .csc-textpic-image img   Tag key with 3 descendant selectors and Class overly qualified with tag and Class overly qualified with tag

Inefficient rules (good to fix on interactive pages):

  - div.csc-textpic img   Tag key with descendant selector and Class overly qualified with tag
  - dl.csc-textpic-image dt   Tag key with descendant selector and Class overly qualified with tag
  - dl.csc-textpic-image dd   Tag key with descendant selector and Class overly qualified with tag

(issue imported from #M11349)

Related issues:

related to Core - Task # 61842: Refactor CSS-Styled-Content + Content Elements	**New**	**2004-05-15**	**2014-08-08**

History

#1 - 2013-03-11 19:03 - JMTiepo3

- Target version deleted (0)

I would like to "bump" this bug since it seems to be very old, but it didn't get fix yet.

Actually I can't really ask for a "fix" since it's not a bug, but I would love to get 100% result on my page speed tests.

Anyways, 4 years later (2013), the issue still exists. Below the rules it nags about:

Very inefficient rules (good to fix on any page):

DIV.csc-textpic .csc-textpic-imagewrap table   Tag key with 2 descendant selectors and Class overly qualified with tag

DIV.csc-textpic .csc-textpic-imagewrap table tr td   Tag key with 4 descendant selectors and Class overly qualified with tag

DIV.csc-textpic .csc-textpic-imagewrap FIGURE   Tag key with 2 descendant selectors and Class overly qualified with tag

DIV.csc-textpic-border DIV.csc-textpic-imagewrap IMG   Tag key with 2 descendant selectors and Class overly qualified with tag and Class overly qualified with tag

DIV.csc-textpic .csc-textpic-imagewrap IMG   Tag key with 2 descendant selectors and Class overly qualified with tag

Inefficient rules (good to fix on interactive pages):

UL.csc-uploads LI   Tag key with descendant selector and Class overly qualified with tag

UL.csc-uploads LI   Tag key with descendant selector and Class overly qualified with tag

UL.csc-uploads IMG   Tag key with descendant selector and Class overly qualified with tag

UL.csc-uploads SPAN   Tag key with descendant selector and Class overly qualified with tag

I've come up with a solution though. I don't know if this is possible to make with the current setup, but here it goes:

Instead of using those selectors, just use the class tag like this:

```
<ul class="csc-uploads">
<li class="csc-uploads-li"></li>
<img class="csc-uploads-img" />
<span class="csc-uploads-span"></span>
</ul>
```

And use the following CSS code:

```
ul.csc-uploads
li.csc-uploads-li
img.csc-uploads-img
span.csc-uploads-span
```

The above example should fix all errors in the "inefficient rules" section.

The same can be applied, of course, to the "very inefficient rules" section.

I hope you will pay some attention to this, as I am told that inefficient rules can slow the website down with (sometimes) as much as 20ms a tag!!

Also, I think uppercase HTML is a bit oldskool.. Perhaps it's better to use small case HTML/CSS (DIV.csc-textpic => div.csc-textpic) but that's just a suggestion.

#2 - 2015-01-15 12:57 - Mathias Schreiber

- Description updated

- Category set to TypoScript

- Target version set to 7.2 (Frontend)

- TYPO3 Version set to 4.5

- Is Regression set to No

#3 - 2015-03-21 21:01 - Benjamin Kott

- Assigned To set to Patrick Broens

Hey Patrick, can you have a look at this issue please while refactoring the Content Elements?

#4 - 2015-06-15 18:12 - Benjamin Mack

- Target version changed from 7.2 (Frontend) to 7.4 (Backend)