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neo4j / neo4j

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URI as CSS class doesn't work 🐛

New issue

Open

zazi opened this issue Apr 10, 2015 · 2 comments



zazi commented Apr 10, 2015

In our project we write RDF into neo4j. We utilise RDF types as labels in neo4j. All RDF types are URIs. Since neo4j 2.2.0 the graph rendering in the web interface changed a bit, i.e., now you are fully utilising the labels as CSS classes, but, e.g.,

```
node.http://d-nb.info/standards/elementset/gnd#Gods
```

doesn't work, i.e., now I cannot manipulate the displaying node caption anymore, since I do not produce valid CSS with URIs as CSS classes. The URI grammar (syntax; <https://tools.ietf.org/html/rfc3986>) is not valid to the CSS class grammar (syntax; <http://dev.w3.org/csswg/css2/syntax.html>).

jexp added **browser** **feature** labels Apr 10, 2015



apcj commented Apr 12, 2015

Owner

Hi @zazi, thanks for the very helpful feedback.

What if we changed the syntax so that you can escape labels using back-ticks, like you can in Cypher? e.g.

```
node.`http://d-nb.info/standards/elementset/gnd#Gods`
```

Would that work for your use-case?

That still doesn't conform to the [CSS spec](#). However, after having GraSS out in the wild for a while now, it looks like it would be best to move the syntax further from CSS and closer to Cypher. In particular, we bent the meaning of CSS selectors to work with a property graph model, but it's not going to be pretty if we want more advanced selector expressions. For example if we want to have a rule that targets a specific property value of even a graph pattern, it's going to be easier to use Cypher syntax to express that than trying to borrow more features from CSS. Does that make sense?



zazi commented Apr 13, 2015

Hi @apcj This makes absolutely sense and should fulfil my intention to display the node identifiers (which are URIs as well). So +1 for implementing this GraSS enhancement.

Labels

browser

feature

Milestone

No milestone

Assignee

No one assigned

3 participants



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