µWeb - Bug #841

TemplateParser triggers TemplateKeyError if an "if" clause refers to a non-existing key, and no way to check if key exists before triggering if clause.

2012-06-05 09:30 - Niek Bergman

Status:	Closed		**Start date:**	2012-06-05
Priority:	Normal		**Due date:**	
Assignee:	Niek Bergman		**% Done:**	100%
Category:	TemplateParser		**Estimated time:**	0.00 hour
Target version:	µWeb alpha release		**Spent time:**	3.00 hours

Description

TemplateParser triggers a TemplateKeyError if an {{ if [var] }} clause is triggered when "var" is not defined. There is also no way currently to check if a variable is defined in a template and trigger a conditional block based on if the variable has been defined.

Associated revisions

Revision 246:98f9f7574ef5 - 2012-06-08 15:16 - Elmer de Looff

Corrected wrong error class raised. Tags that are not found should always raise TemplateNameError, not TemplateKeyError. This is related to issue #841.

Revision 248:52b0751e2acf - 2012-06-08 18:16 - Elmer de Looff

Introduced {{ ifpresent }} construct to TemplateParser. This checks for presence of the provided tags and their indices. Multiple tags can be provided per check, as well as {{ elif }} and {{ else }} clauses, where {{ elif }} supports additional tags. This resolves #841.

History

#1 - 2012-06-08 18:17 - Elmer de Looff

- Status changed from New to Resolved

- % Done changed from 0 to 70

Applied in changeset 52b0751e2acf.

#2 - 2012-06-08 18:25 - Elmer de Looff

- Category set to TemplateParser

- Assignee changed from Elmer de Looff to Niek Bergman

- Target version set to µWeb alpha release

Niek,

The TemplateKeyError you encountered should've been a TemplateNameError, which has been changed in r246. The {{ if }} construct does not and will not support referencing nonexistent template variables, because this would inevitably lead to disastrous surprises.

However, I've added a construct that does exactly what you want to do here, and that is checking the presence of a tag, or even its index:

```
<html>
  <body>
  {{ ifpresent [one] [two]}}
    <p>key number <b>one</b> AND <b>two</b> are provided</p>
  {{ elif [three] }}
    <p>one of keys <b>one</b> and <b>two</b> (or both) are missing, though <b>three</b> is provided</p>
  {{ else }}
    <p>none of the keys are provided</p>
  {{ endif }}
  </body>
</html>
```

Please verify these changes work for you.

#3 - 2012-06-11 10:51 - Niek Bergman

Confirmed to work.

#4 - 2012-07-19 16:43 - Elmer de Looff

- Status changed from Resolved to Closed

- % Done changed from 70 to 100

#3 - 2012-06-11 10:51 - Niek Bergman