

Auto Multiple Choice - Bug # 251: AMCOpen is broken. produces LaTeX Error: There's no line here to end.

Status:	Closed	Priority:	High
Author:	Pieter Van den Hombergh	Category:	LaTeX
Created:	01/02/2014	Assignee:	Anirvan Sarkar
Updated:	08/19/2014	Due date:	
Description:	<p>When using <code>\AMCOpen</code>, it produces the mentioned latex error.</p> <p>sample code</p> <pre><pre> \begin{question}{xml-ooXML01} [4 Points] This question is about an XML document. \begin{itemize} \item Which node always has to be present in an XML tree? \end{itemize} \AMCOpen{lines=1}{ \wrongchoice[W]{0}\scoring{0} \correctchoice[C]{1}\scoring{4} } \end{question} </pre></pre> <p>when <code>\AMCOpen</code> is redefined in a macro file (which is included after the automul style file) as follows, the error is gone.</p> <p><i>*fix:*</i></p> <pre><pre> \def\AMCOpen{\hfill\AMCformatChoices{\AMCopenShow}{\AMCopenHide}} </pre></pre> <p>stops latex from complaining.</p> <p>The fix appears not to have any other effect then to fill out the line, so latex will happily end the line.</p>		

History

01/03/2014 06:01 pm - Anirvan Sarkar

Pieter Van den Hombergh wrote:

> The fix appears not to have any other effect then to fill out the line, so latex will happily end the line.

This will not produce a proper formatting if the `@separateanswersheet@` option is used. An extra line will be printed after the open question.

But it helped me locate where the problem is. The error is caused due to this line in the definition of `@\AMCopenShow@` command:

```
<pre>
\linebreak[1]\hspace*{\fill}%
</pre>
```

A line break only works if a paragraph has started otherwise LaTeX will give the error: `_There's no line here to end._`

A new paragraph does not automatically start after the end of an environment (in your case the @itemize@ environment) and the @\AMCOpen@ internally uses a linebreak. These two factors contributed to this error.

The easiest way to fix this is to add a space before the linebreak.

```
<pre>~\linebreak[1]\hspace*{\fill}%</pre>
```

01/03/2014 06:04 pm - Anonymous

- % Done changed from 0 to 100

- Status changed from New to Resolved

Applied in changeset r1502.

01/03/2014 06:39 pm - Pieter Van den Hombergh

Hello Anrivan,

Your solution is most likely correct. I did not observe the extra line and my proposal was only a fix for the error.

I'll wait for Alexis to adapt you solution.

01/03/2014 06:45 pm - Pieter Van den Hombergh

Pieter Van den Hombergh wrote:

> Hello Anrivan,

>

> Your solution is most likely correct. I did not observe the extra line and my proposal was only a fix for the error.

>

> I'll wait for Alexis to adapt you solution.

Just updated and installed and your solution is correct.

04/07/2014 09:21 am - Anonymous

Applied in changeset commit:7300ca4e7b9a.

08/19/2014 06:19 am - Anirvan Sarkar

- Target version set to 1.3.0

- Assignee set to Anirvan Sarkar

- Status changed from Resolved to Closed