

## Auto Multiple Choice - Support # 585: problems with \forloop and \foreach

<b>Status:</b>	Feedback	<b>Priority:</b>	Normal
<b>Author:</b>	Giovanni Morando	<b>Category:</b>	
<b>Created:</b>	09/08/2018	<b>Assignee:</b>	
<b>Updated:</b>	09/09/2018	<b>Due date:</b>	
<b>Description:</b>	<p>Dear Community, I am preparing an AMC test importing questions from a unique directory through some <code>\element{all}{\input{q1.tex}}</code> commands. My questions are named q1.tex q2.tez q3.tex q4.tex I would like to import all of them in a unique way through a loop with a counter.</p> <p>I tried <code>\forloop</code> and <code>pgf</code> command <code>\foreach</code> but none of them is working. The first one works if the loop is defined inside the <code>\element{all}</code>. In this way I have 4 questions which cannot be shuffled (if I understood correctly elements of group are shuffled but different questions inside a unique element are not shuffled). I try to define <code>\forloop</code> outside the <code>\element</code> command but it does not work. It seems that the <code>element</code> command produces conflicts with loops.</p> <p>Any idea?</p> <p>Thanks in advance, Giovanni</p>		

### History

09/09/2018 08:31 pm - Alexis Bienvenüe

- Tracker changed from Bug to Support

09/09/2018 08:53 pm - Alexis Bienvenüe

- Status changed from New to Feedback

The whole code inside the `@element@` call is added as-is in the group. It is only called when displaying elements, so that at this time the `@question@` counter equals 4 for all elements...

Maybe you can try something like that:

```
<pre>
\newcommand\addsource[1]{
\element{all}{\input{./q#1.tex}}
}

\newcount\source\source=1
\loop
\expandafter\addsource\expandafter{\the\source}
\ifnum\source<4\advance\source by 1\repeat

</pre>
```

### Files

groups.tex	1.1 kB	09/08/2018	Giovanni Morando
q1.tex	226 Bytes	09/08/2018	Giovanni Morando
q2.tex	209 Bytes	09/08/2018	Giovanni Morando
q3.tex	278 Bytes	09/08/2018	Giovanni Morando
q4.tex	224 Bytes	09/08/2018	Giovanni Morando
amc-compiled.log	29 kB	09/08/2018	Giovanni Morando