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

Status:	Feedback	Priority:	Normal
Author:	Giovanni Morando	Category:	
Created:	09/08/2018	Assignee:	
Updated:	09/09/2018	Due date:	
Description:	Dear Community, I am preparing an AMC test importing questions from a unique directory through some \element{all}{\input{q1.tex}} 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.		
	I tried \forloop and pgf command \foreach but none of them is working. The first one works if the loop is defined inside the \element{all}. In this way I have 4 questions which cannont 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 \forloop outside the \element command but it does not work. It seems that the element command produces conflicts with loops.		
	Any idea?		
	Thanks in advance, Giovanni		

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\nsource\nsource=1
\loop
  \expandafter\addsource\expandafter{\the\nsource}
\ifnum\nsource<4\advance\nsource 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