{ TeX }

`l3build` unit tests on expansion of a macro

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What is the good way to test the expansion of a macro? In the following test, I would like to check if the full expansion of `\tdocinEN{OK?}` is the same as the one of `\tdocquote{OK?} in English`.

```
\documentclass{tutodoc}

\input{regression-test}

\begin{document}

\makeatletter

\START

\BEGINTEST{Macros}
    \ASSERT{\tdocinEN{OK?}}{\tdocquote{OK?} in English}
\ENDTEST

\OMIT

\end{document}
```

Internally, I have :

```
\NewDocumentCommand{\tdocinEN}{s m}{%
  \tdocquote{#2}%
  \IfBooleanF{#1}{% No star used.
    \tutodoc@trans@in@EN{}%
  }%
}


\NewDocumentCommand{\tutodoc@trans@in@EN}{m}{#1 in English}
```

Hoping that I'm not the new victim of the spurious spaces...

PS: my code is strange and it will be fixed. So don't judge the definitions of the commands.

l3build   unit-test

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edited 3 hours ago

mbert
6,890   1   12   60

asked 4 hours ago

projetmbc
13.6k   13   55   121

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1   your command is not expandable, so the only way to see what is doing is to execute e.g. in a box and then to show the box. – Ulrike Fischer 3 hours ago

You mean to test the PDF output. That's it? – projetmbc 3 hours ago

No, use \showoutput or something like that. – Ulrike Fischer 3 hours ago

or \showbox or \box_show:N or similar. (if you just want to show the box and nothing else.) – cfr 3 hours ago

1   is LaTeX Warning: You have requested, on input line 95, version `2023-09-07' of package marginnote,                   but only version `2018/08/09 1.4b non floating margin notes for LaTeX'   is available. expected? – David Carlisle 1 hour ago ✏

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1 Answer

Sorted by: Highest score (default) ⇕

▲   As the commands are not expandable you want to show their typeset results are the same not their expansion, something like

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y from the sizes of box0 and box2

```
.\OT1/cmr/m/n/10 e
...
.\OT1/cmr/m/n/10 E
```

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answered 29 mins ago

David Carlisle
782k   70   1.6k
2.5k

You're right, and this test show me an error in the actual CTAN version. Tests are so useful. :-)
– projetmbc   2 mins ago