



`l3build` unit tests on expansion of a macro

Asked today Modified today Viewed 23 times



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.

0



```
\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

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asked 4 hours ago



projetmbc

13.6k

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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

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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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. :-)

– [projctmbc](#) 2 mins ago

avec Google

vous à Stack

c votre

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oriser vos

nexion

curisée.

Continuer