



http://media.iwm.org.uk/clim5740/781/large_000000.jpg



Top $\text{T}_{\text{E}}\text{X}$ – a new Q&A site for $\text{T}_{\text{E}}\text{X}$

TUG Annual Meeting 2020

samcarter

July 25, 2020



What is TopT_EX?

<https://topanswers.xyz/tex>

- ◆ new Q&A site for T_EX and friends
- ◆ part of the TopAnswers platform
- ◆ open source <https://github.com/topanswers>
- ◆ focus on communities and knowledge, not profit
- ◆ plans to register as a UK charity
- ◆ actively developed
- ◆ not a mindless clone, but trying to improve things



TopAnswers
Knowledge Communities



Main question list

TopAnswers TeX About Import Ask

chat / starred / notifications [mute unpin](#) [transcript](#)

How to have a table with vertical lines only where needed (like cline for horizo...

निर्जन

- ★ 9 The following provides two things. First a slightly patched `tabular` environment called `mytabular`... Skillmon
- ★ 8 Second answer as you want to grab everything inside a single matrix. JouleV
- ★ 7 Based on the example you've shown in <https://topanswers.xyz/transcript?room=1008&id=43508#c435>... samcarter

show 2 more

Interpretation of multiple characters as one.

निर्जन

- ★ 13 `\StrChar` cannot yet deal with the "joining" character, so let's implement one ourselves. When it come... JouleV

Mapping numerals with LuaLaTeX

निर्जन

l3msg adds a space if the argument is a control sequence?

`latex3`

JouleV

- ★ 12 This is not a category code issue, rather the timing of tokenisation. You'd see this same issue in t... Pheylpe Oleinik
- ★ 8 Oh, as it turns out, this has something to do with category codes! I don't use the word "catcode" because... JouleV

Mirror image of a diacritic mark.

निर्जन

How to vertically center text in beamer notes

`beamer`

Skyork

- ★ 5 The answer from @marmot beautifully explains how to centre individual notes. samcarter
- ★ 5 Just add `\vfill s`. marmot

Anonymous *an hour*

@marmot Hi, I wanted to know how you extract the gif whenever you answer a question that has a gif image to illustrate?

Anonymous

@marmot "

Me replying to Anonymous

One can use image magick to convert to gif: `convert -delay 30 -loop 0 -density 100 -alpha remove "document".pdf "document".gif` is what I usually use

marmot replying to Anonymous 38 minutes

What do you mean by "extract a gif"? If you mean how one can create an animated gif from a multipage pdf: `convert -density <density> -delay <delay> -loop 0 -alpha remove <pdf> <ani.gif>`

JouleV replying to Justonly 5 hours

If in doubt, you only need to ask, we will answer if we are able to. It looks really interesting, but I will need to do some researches before being able to help. By the way, I believe I know who you are now 😊

type message here



Question page

TopAnswers TeX ▾

About Import Ask

How to pa...

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How to parse groups using pgfparser?

2 months ago joulev

Problem

parser module parses token by token. It does not respect groups. In other words, if parser parses `Foo {bar} baz`, I believe it parses like this (correct me if I am wrong)

```
F-o-o-_-{-b-a-r-}-_-b-a-z
```

I want it to parse like this (it is guaranteed that there is no nesting like `{(ba)r}`).

```
F-o-o-_-{bar}-_-b-a-z
```

Note that `{` can be preceded by any character (not just the space character, most frequently it is preceded by a control sequence), so things like `\pgfparserdef{foo}{initial}{blank space}[m]` unfortunately won't help.

Approach

I think I will define an action when `{` is parsed. It will then execute another parser that does nothing and ends at `}`.

So although the problem does not explicitly ask for a special action at `{`, all of the following attempts aim to do so.

Attempt 1

Use the character directly obviously doesn't work:

```
% arara: ndflatex
```

Phelype Oleinik

✖ I don't really know how to use `parser`, but from what I saw of it you need the `\meaning` of the token you're looking for. If that's the case, try changing your attempt 2 to `\expanded{\noexpand \pgfparserdef{foo}{initial}{\meaning{}}}{\typeout{Got a \char`\{}}`

Phelype Oleinik

✖ Or your attempt 3 to `\pgfparserdef{foo}{initial}{begin-group character}{\typeout{Got a \char`\{}}`

Skillmon *an hour*

✖ Oh, a parser question. I wonder if someone is here knowing that module... (*hint*: I wrote the current implementation)

Skillmon replying to Phelype Oleinik *24 minutes*

✖ good approach, but a bit over the top 😊

Skillmon *15 minutes*

✖ @joulev the token in front of the braces might always be different, correct?

Skillmon

✖ Parsing (or ignoring) a balanced set of braces could easily be done by

type message here



Special question types

TopAnswers TeX

Import Ask ?

Create your own...

comments / starred / notifications transcript mute pin

Create your own COVID-19 face mask

Contest add tag 3 months ago samcarter

Due to COVID-19, face masks are currently very popular. With nice patterns and colours they can even be a real fashion piece.

The TikZlings also want to look good during the pandemic and ask for your help to create nice looking masks. As a starting point, you can find below a simple tikz path to create a basic mask for the ducks which you can modify which patterns, colours etc. Any other creations are of course also welcome.

```
\documentclass{standalone}
\usepackage{tikzducks}


\begin{document}

\begin{tikzpicture}
\duck[]

\fill[cyan!20!white,overlay] (1.4051,1.5586) .. controls (1.1370,1.3225) and (0.8775
\duck[scale=0.05, shift={(6,22.3)}]
\duck[scale=0.05, shift={(7.8,24.8)}]
\duck[scale=0.05, shift={(10,22)}]
\duck[scale=0.05, shift={(12.5,23.5)}]
\duck[scale=0.05, shift={(15,22)}]

\end{tikzpicture}

\end{document}
```



marmot replying to Skillmon 3 months ago
You could tell Ratasok that instead of pgfinterruptboundingbox one can just use overlay.

Skillmon replying to marmot 3 hours ago
oh, well. I can tell him 😊 But he used an old thread with an excellent answer by a particular owl, in which pgfinterruptboundingbox was used.

Me replying to marmot 11 minutes ago
Is there an advantage of using overlay instead? (other than the obvious of being much easier to type...)

marmot replying to Me 19 minutes ago
I think it is just simpler. You can just switch it on for one edge, say:
`\documentclass{tikz-border-3.14mm}
\standalone \begin{document}
\begin{tikzpicture} \draw (0,0) -
(3,0)edge[overlay] (0,4) - (-3,1); \draw
(current bounding box.south west)
rectangle (current bounding box.north
east); \end{tikzpicture} \end{document}`
It is harder to do that with the pgfinterruptboundingbox environment.

Me replying to marmot 24 minutes ago
That's indeed much easier. Thanks a lot!

3 months ago

type message here



Foreign Language Communities

टॉपआन्सर्स टेक्-मराठी ▾

[गिहा] [वृण] "वेवफर वाचवोव" सर्वाचारव

विचार

टेक्-मराठी गप्पा

गप्पा / ताराकित / उचवना संपूर्ण चर्चा mute pin

मराठी आज्ञासंच

लेख (edited, २१ दिवस ago) २ महिने ago निरंजन

पॉलिग्लॉसिया वापरून मराठी दस्तावेज बनवताना अनेक लेखक असल्यास शीर्षकात नावांच्या ...

शंतनु निरंजन

☆ १ gloss-marathi.1df मध्ये ७९ व्या ओळीवर चुकील आज्ञा लिहा. (हा बदल करण्याकरिता gloss-marathi.1df ही धारिका ... निरंजन

लिनक्स आज्ञाप्रणालीवर लाटेक्-चे नवीनतम वितरण कसे स्थापित करावे?

लेख निरंजन

लुआ-लाटेक् आता देवनागरीसाठी वापरता येऊ शकते!

लेख निरंजन

संकेतस्थळाकरिता चित्र कोणतं वापरावं?

निरंजन

स्क्रिनप्ले डॉक्यूमेंटक्लासविषयी

मनीष

मराठीतून लाटेक् आणि मराठीसाठी लाटेक्

सुशान्त

लाटेक्-मध्ये मराठी मजकूर लिहिण्यासाठी

sayali

इथे लिहा

https://topanswers.xyz/teX-mar-deva?q=1070

David

It's interesting coming in here and seeing one's notifications in Devanagari! 😊

Skillmon

They stole the colour scheme of TopTeX!

And they stole the favicon!

Skillmon replying to David

very interesting are the numbers for unread chat messages.

Jack Douglas replying to Skillmon

that's because it is a sister community: TeX-Marathi. Some posts will be imported here from TeX and translated. Various things like the favicon will probably be slightly customized at some point I imagine!

notice: at some point in the future any English language messages in this room are liable for deletion!



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Try it yourself:

<https://topanswers.xyz/tex>