TopTEX – a new Q&A site for TEX

TUG Annual Meeting 2020
samcarter
July 25, 2020
What is TopTEX?

- new Q&A site for \TeX{} 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

https://topanswers.xyz/tex
Main question list

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

9 The following provides two things. First: a slightly patched tabular environment called mytabular...
6 Second answer as you want to grab everything inside a single matrix.
7 Based on the example you've shown in https://topanswers.xyz/transcript?room=108&tid=13504#c435...

show 2 more

Interpretation of multiple characters as one.

13 \nstrChar cannot yet deal with the 'joining' character, so let's implement one ourselves. When it come...

Mapping numerals with LuaLaTeX

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

This is not a category code issue, rather the timing of tokenisation. You'd see this same issue in l...
6 Oh, as it turns out, this has something to do with category codes[1]. I don't use the word "catcode" because...

Mirror image of a diacritic mark.

How to vertically center text in beamer notes

5 The answer from @marmot beautifully explains how to centre individual notes.
5 Just add \vfill s.
How to parse groups using pgfparser?

**Problem**

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

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

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

```
F-o-o-u-\{bar\}u-b-a-z
```

Note that \texttt{\{} can be preceded by any character (not just the space character, most
frequently it is preceded by a control sequence), so things like \texttt{\pgfparserdef{foo}{\initial}{\meaning\}}\texttt{\{\typeout{Got a \char\}}} unfortunately won't help.

**Approach**

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

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

**Attempt 1**

Use the character directly obviously doesn't work:

```
\{ \texttt{\arara\ pdflatex}
```
Create your own COVID-19 face mask

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] (1.4081,1.5586) .. controls (1.1370,1.3225) and (0.8775
\duck\scale=0.85, shift={(6,22.3)})
\duck\scale=0.85, shift={(7.8,24.8)}
\duck\scale=0.85, shift={(10.22)}
\duck\scale=0.85, shift={(12.5,23.5)}
\duck\scale=0.85, shift={(15,22)}
\end{tikzpicture}
\end{document}
Foreign Language Communities

TopTEX – a new Q&A site for TeX

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

They stole the colour scheme of TopTeX!
And they stole the favicon!

very interesting are the numbers for unread chat messages.

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!
Try it yourself:

https://topanswers.xyz/tex