(emacs)

Math autocompletion in org mode

Asked 4 years, 3 months ago   Active 3 months ago   Viewed 1k times

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What is the easiest way to get autocompletion for math symbols when I write latex formulas between `\(..\)` or `\[...\]` in **org-mode**?

Could packages like [company-math](#) or [ac-math](#) be used in org-mode, for example? How should I configure them to use them in org-mode?

⭐

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org-mode   latex

asked Aug 16 '16 at 23:35

[Mario Román](#)
251   1   9

1   I'm using company-math to insert unicode math notation in all modes in my config: [github.com/malb/emacs.d/blob/master/malb.org#latex](#) – Martin R. Albrecht Aug 19 '16 at 15:03

2 Answers

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You could use `LaTeX-math-mode` from the AucTex package. This provides quick completion of common math macros like `\alpha`, `\sum`, `\Sigma` etc. Make sure the package is loaded with the following line in your `.emacs`:

And then from your org-mode buffer turn on `latex-math-mode` with `M-x latex-math-mode`. This provides shortcuts for a number of math symbols. You start by entering the backtick symbol "`` ` ``". The next key will add a LaTeX macro. For example, `a` inserts `\alpha`, `C-_` inserts `\inf`, etc. The full list is available on the [auctex reference card](#), and you can add your own shortcuts by customizing the variable `LaTeX-math-list`.

Entering two backticks in a row inserts a plain backtick. You can change the prefix key if you don't want to use the backtick - see the customization option `LaTeX-math-abbrev-prefix`.

If you have more complex completion needs, you can use company-mode, yasnippet etc. I don't think there is anything special about configuring these for use with org-mode, relative to any other Emacs mode.

answered Aug 17 '16 at 1:05

[Tyler](#)
16.1k   1   33   67

1

You could try to use [polymode](#) for this. See also [this](#) discussion about how to set it up.

answered Aug 25 at 9:48

[student](#)
841   7   18