

Using L^AT_EX with Hakyll

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October 9, 2014

This HTML is generated from L^AT_EX source via `latex2html` and then embedded into Hakyll-hosted blog. The use of LaTeX will allow us the use of complex expressions e.g.

$$\frac{\partial \vec{v}}{\partial t} = \vec{\nabla}_s \quad (1)$$

This attempt seems to be basically working although there are few glitches (like the duplicated title you can see.) Fixing these should be some cumbersome script work but should not be too hard.

I am further trying to use this technology in combination with Haskell DSLs such as `authoring` and `units` [1], to write physical discussions in Haskell and LaTeX.

References

- [1] T. Muranushi and R. A. Eisenberg. Experience report: Type-checking polymorphic units for astrophysics research in Haskell. In *2014 ACM SIGPLAN Symposium on Haskell*. ACM, 2014.

The content of this page is also available as a pdf document: Using L^AT_EX with Hakyll.