Weekly Recap

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1 Updates on previous goals

Last week's goal was to finish up documenting BART using doxygen. Up to last report, I got familiar with doxygen for basic functionalities and documented some of the classes in `BART`.

2 Progress up to now

It goes well and the only remaining work is the documentation of part of `EquationBase<dim>`.

Fortunately, the past week has been great so far in terms of adapting myself to enjoying doxygen. What I have gradually tried are:

- Optimizing visual appearance of doxygen output.

- Adding hyper link for things like some specific documentation or articles illustrating formulations.

- Adding LaTeX formulas and symbols through the documentation.

For purpose of explaining which does what, it will be done, but we later could continuously optimize the way we document, for better clarification and visualization.

3 Things you need from Rachel

Not up to now about doxygen, as I am comfortable with it right now. Though I will utilize the group resource on github for unit test, I might still need help with it as sometimes talking is a faster way for me to understand for things I couldn't get through by reading.

4 Goals for the coming week

It would be the beginning of the unit test. We will see how far I can go. Hopefully, it will be as enjoyable as doxygen.

5 Links to any related materials

All the things not ready yet on BART upstream. But you can take a look by cloning my origin and see the doxygen files or see the html files: `https://github.com/weixiong-zheng-berkeley/BART/tree/devel/html`.