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After reading list of idea I like idea "Indexing prolonged geometrical objects (i.e. boxes, circles, polygons, not points) with SP-GiST by mapping to 4d-space"

I think that I am getting very strong education and every day I solve different math and programming problems for my study, thats why I choose this idea and why I good candidate for this. Examples:

1. I have average score 8.96 from 10 with rating among 3rd year student 57/962 and 8/125 among my department student(Department Innovation and High Technologies(Data analysis))
2. I finished the course "Algorithms and data structure", It was 2 year course. Some my results:
   1. Search web-site. Fast acm.timus.ru problems search with backend on C++ and Python and frontend JavaScript. Some features normalization request in Russian with Yandex program, ranking. See *repo*
   2. I solved some interesting problems on acm.timus.ru, my *profile*
      1. *Suffix Tree* with Ukkonen
      2. Char Tree in 8 MB (problem)
      3. Game theory game nim (problem)
3. I do research in area of machine learning, my current working "Building rating with expert matrix of scores", work started in this semester, see my repo with code and article in TEX
4. I have some science papers in ipython, interactive 3-SAT
5. I finished article about crypto-currency trading
6. I win competition of idea and got grant on developing "Web-site for competition in algorithm trading", see in CV and link
7. I finished Kolmogorov School(one of the best russian middle school) with honors
8. I took part in hackathons, facebook

I have a lot of other different skills, You can find more in my CV and read about me on my new blog and my bio.

I study in one group with your last gcos student(Stersanov Vlad). He adviced me to try solve your interesting problem.

I start with understanding your code base. I want to solve some issue and I chose
"Add full object name to the tag field". Now I am not sure thar this issue so easy, because
printing of tag fileld in result of pg_dump do function '_*printTocEntry'* in file pg_backup_archiever.c, but 'te->tag' doesn't have information about operator arguments. In other function printing this problem solve with '_getObjectDescription', it use 'te->dropStmt' and it have information and something else, but I am not sure that this will work always if we get arguments from it. Commenter of this issue said that we only need cast regoper to regoperator, I am not sure on this. I hope you will see some commit to the end of deadline gsoc application.

Now I am trying understand SP-GiST and I will describe my results in comments to the application.
TODO:
   Roadmap