
Subject: Re: Couple of questions and PLOTTING
Posted by [amea](#) on Mon, 05 Dec 2005 22:30:12 GMT
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Yep,

But I give advance warning that my C++ skills are very weak at present. Taught it many years ago, but have not used for any real work!

The project I'm working on requires pulling data from a database (SQLite, at present, which I'm setting up at the moment) and doing some basic statistical analysis and plotting. I have not finalised the statistics yet (once again, revising), but there will be some option to choose from a small selection of tests based on DB queries. Data entry and reporting are there as usual!

I know there are great OSS tools for doing this stuff (like the R statistics project) but they are overkill and the application must be self-contained, have a small footprint (hence no .NET, Java) and be relatively 'cheap' for the end users. I explored Python (Reportlab, matplotlib, great database support, wxWidgets (messy) --- poor deployment options, and relatively large footprint). I also seriously considered a desktop browser app, but don't think the users would accept it! Looked at Ruby On Rails and even Tcl with its server and Tcl plugin --- very cool deployment mechanism - metakit and starkits! But development of language and libraries a bit slow! Main reason for above was wish to create cross-platform app.

Anyway, sorry about that, it's been a frustrating month!

I only discovered the UPP project a few days ago, I only wish I'd found it a month and a half ago! It really is one of the best OSS projects I've seen in some time. The GUI support and the ide are superb.

BTW looking at gnuplot, it's at version 4.00, and it's come along way. Very good core system and interfaces to c/c++!

amea
