

Re: Computer programmers' habits in electronics

small circuit is not at all like building software. With software, I can just pop over to the header and check the semantics of a function call. The reference material is all right where I'm working: sitting at the keyboard. Diagramming a circuit can be the same, only simpler, because even crappy tools will keep track of which pin is what. What are my choices when I'm hunched over a breadboard?

Take a look at Eagle <http://www.cadsoftusa.com/>. The free version will meet your needs for quite a while, I think. You can even layout a double-sided PCB if you want to take things beyond breadboarding.