
Subject: pkg-config discussion

Posted by [ebojd](#) on Tue, 20 Mar 2007 13:31:39 GMT

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This is probably still a little early, but if it would not take too much time away from other things I would like to start a discussion on adding pkg-config to U++.

While I have not invested a lot of time in implementation and testing, I had played with a simple hack which allowed me to execute a generic script to grab the configuration information. The problem with this approach, as I had alluded previously, is that there are a number of computer systems security issues that should be addressed so that users cannot gain inappropriate access to system resources or run malicious scripts.

The flip side to this problem is that we do not know ahead of time *all* the package configuration tools that we will need to query. Therefore allowing U++ to run generic scripts during the build process allows the greatest functionality.

One other possibility is to develop a tool that will help cache and manage configuration info when U++ is built and installed. This will sidestep most of the subtler sys admin issues, but will complicate using configuration scripts for user applications.

I have a number of ideas and solutions for each of these design ideas, but will end the post here to solicit thoughts on the matter.

Best regards,

EBo --
