Subject: Re: Very first impressions and.... [FEATURE REQUESTS]
Posted by mirek on Tue, 25 Sep 2007 12:22:50 GMT

mdelfede wrote on Fri, 14 September 2007 13:46luzr wrote on Fri, 14 September 2007 15:45

You do not need to do that. What you really need is to make the current macro set part of the "caching key" (together with header file path and time).

I see the point. But you must anyways rescan all headers coming after the changed or inserted one. Ok that'll be a rare occasion too.

Ciao

Max

Actually, maybe my working theory is wrong, but I think you do not have to rescan headers in this case, as long as the change in header does not change the macros...

Therefore this comes to quite simple scheme - each header has set of "input macros" as part of caching keys and produces a set of "output macros". As long as caching key matches, you can just take output macros of header instead of parsing it when you see #include.

Or that is the plan If you see any flaw, do not stay silent, you would save my time following a wrong approach...

(Well, the one possible flaw is that of course, some program constructs can start in one header and end in another. I decided simply to ignore this possibility for now...)

Mirek