

Tony Hoare

From: J.C.P.Woodcock@ukc.ac.uk on behalf of J.C.P.Woodcock [J.C.P.Woodcock@ukc.ac.uk]
Sent: 10 May 2003 11:07
To: Tony Hoare
Subject: grand challenge



clarke-wing.ps
(191 KB)

Dear Tony,

I agree with Robin, that some people will be disappointed if the Verifying Compiler drops out of sight. Of course, I've tried to represent all the proposals in strong software engineering, but I felt that the result was a compromise that described the problem area rather well, but was light on the work plan to achieve it. So, I'm keen to put something more technical back into the report.

I like the idea of splitting the draft into three parts: the general research area (which is really the current draft); a survey of the state of the art; and an exemplar project. I'll make the change that you suggested to the first part, and I'd be most grateful for your preparing a draft of the third.

As for the second part - the survey - I've attached a report from a working group that I was involved in. The references are a good summary of the state of the art. As time is so short, I suggest that we use this paper as a basis for our survey. What do you think?

We must make sure that we retain the support of the requirements and evolution sections of our constituency; perhaps putting the report in this form will encourage them to propose exemplar projects in their areas.

Are you going to the Joint Physical/Life Sciences Workshop at Lancaster Gate next week? If you let me have your thoughts on Monday on the suitability of the survey paper, and some extracts from your paper on the Verifying Compiler, then I'll produce a draft and bring it with me on Wednesday.

Yours,

Jim