

Multiplatform software developing in connection with the ASF Creator and SAT programs

Róbert Tornai

This paper covers the problems and their possible solutions arising at multiplatform software developing. Multiplatform developing is necessary at medical and biological developments since there are a lot of Apple Macintosh computers attached to special machines. So, the demand that the new softwares shall support this platform is natural. However, IBM compatible personal computers are getting widespread in these fields in present days. This means that a software that is targeting these fields has to be ported to multiple platforms.

I have worked on the implementation of the MMA technology. (MMA stands for the Multiple Microbead Assay term.) The basic problem in this technology is to evaluate the results of flow-cytometry measurements. Our team has developed two softwares in corporation with Soft Flow Kft. In this paper the problems, the possible solutions and the applied techniques of a multiplatform development will be introduced.