

In This Issue

Safe and More Productive



Every year, billions of dollars money are spent on anti-virus for computer systems, especially, in a networked environment like the Internet, our computer system becomes so vulnerable, it is the time to consider a clean total solution for it.

That's why in this issue we published the nice article contributed by *Prof. Boris Babayan*, who offered the architecture design principles of E2K chip.

His thoughts actually involved changes in both hardware and software designing. Though E2K chip is not ready for our use today yet, but its principles were proved in the past decades as a practical mechanism to anti-virus. New free compiler designer can also get heuristic tips from his article.

Also, E2K chip will be very powerful for computing. As most computers today are not used for scientific computing, but for information processing and exchanging, electronic publishing technologies were largely developed these years.

Amazingly, the modern electronic publishing technologies are more and more retrogressive (of course at a higher level) to the way of the traditional publishing industry — on the web, the concepts of old stuffs like stylesheet, scripting language, and built-in links refer to database, are all adopted in today's advanced electronic publishing system for more productivity.

In this issue, *Berend De Boer* contributed an article demonstrated how to build an electronic publishing system with the industrial strength, i.e. how to get the information from database to presentation through XML, XSLT and ConTeXt. All the solutions are based on free software, which shows again, the importance and strength of the freedom.

Happy Reading!

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