

Translation from the original.

CodeV (computer security program)

To increase the security on computers is the goal of this project. CodeV (Verification Code) consists in a program whose function is to identify in an automatic manner vulnerabilities on software, that is, detect security flaws. The promoter of the project Mário Zenha-Reia, technical and scientific responsible, is currently professor and researcher at the University of Coimbra, amongst other functions he occupies internationally.

The proposed tool carries out, in an automatic and permanent form, a security audit to the developed code. It works as if it were an expert of information security issues. To do that, CodeV uses algorithms that are developed by Dognædis.

To avoid the attack of criminal organizations or other misuse uses on software of a computer is one of the functionalities, besides that the program is made to fire alerts and send out reports. And it can correct in real time the attacks on software. The company that develops this technology was created by a group of researchers of the University of Coimbra. The team of this project is composed by another investigation of the University of Coimbra and two masters in informatics engineering.

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