Abstract

Today Intellectual Property Rights (IPR) for online application and software code has become a fundamental issue. A variety of prevention techniques have been developed for copyright protection of software codes or intellectual property rights or web application. But, unfortunately no single technique is currently strong enough to protect the software codes. However, through
a combination of techniques software developer can better protect their software codes. The combination of watermark techniques is visible watermarking and invisible watermarking. The visible watermarking is static watermarking techniques where as the invisible watermarking is a dynamic watermarking technique. In the static watermarking techniques, the watermark is stored in the data section and code section both where as in the dynamic watermarking techniques the watermarks are stored during program execution through native codes. In this paper, we have proposed dual watermarking techniques for an online application using Java Virtual Machine. The dual watermarking technique is a combination of both a visible and an invisible watermark.

Reference


Index Terms

Computer Science  Security
Key words

Intellectual Property Rights (IPR)        Dual Watermarking
Technique (DWT)

Visible watermarking

Invisible watermarking