Abstract

Several methods have been devised to smooth the progress of malware analysis and one of them is through visualization techniques. Visualization technique is a basic method which is used to visualize the features of malware or variants. This field focuses on features of individual variants and also helpful to the researchers to identify malware easily. The behaviors of malware are identified by variants such as encrypted, polymorphic, metamorphic, and obfuscated which have the ability to change their code as they propagate. In this paper various types of malware is discusses briefly with their categorization of malware families. Techniques of detection and classification of malware motivated especially on behaviors of malware
samples which are similar in texture and some extent through this we can classify the malware
data. This paper provides an overview of existing malware detection techniques.

References

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**Index Terms**

Computer Science

Security
Keywords
Malware  Static Analysis  Dynamic Analysis  Detection  Classification  Visualization.