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Predicting malware evolution

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resumen:

By exploring analogies between in silico and biological pathogens, some interesting parallelisms can be found that can help in interpreting current malware developments and, arguably, aid in forecasting how cybercrime and malware would evolve in the next years. We will present here some recent results and bet on some very likely evolutionary paths that criminals will explore in the near future.

Sobre Julio César Hernández:

Dr. Julio Hernandez-Castro is a Lecturer in Computer Security at The University of Kent in Canterbury, UK. His works have been cited more than 1400 times, and he has done some pioneering work in the past in the development and analysis of lightweight cryptographic protocols and primitives. He is currently more interested in malware analysis and attibution, and works with a group of highly unconventional but very brilliant professionals in the Kent Cybersecurity Center. He has published more than 40 papers in International peer-reviewed Journals, and a similar number at Conferences. He is also interested in Computer Forensics, Cryptology and Steganography.