

Worm



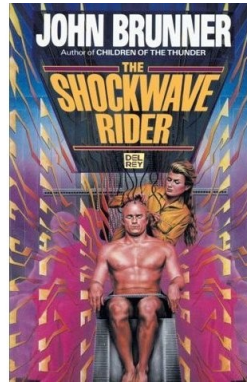
What is a computer worm ?

A worm is malicious software who reproduce itself on several computers by using network like the Internet.



How the worm appeared

The "worm" was first used in John Brunner's 1975 novel, *The Shockwave Rider*.



And it's only the 2 November , 1988, Robert Tappan Morris, a science student, unleashed what became known as the Morris worm, disrupting a large number of computers.



What is it used for ?

The goal of this device is to :

- Spying on the computer where it is located
- Offer a backdoor to hackers
- Destroy data on the computer where it is located or cause further damage
- Send multiple requests to an Internet server in order to saturate it

What are the side effects

The worms can cause many side effects like :

- The slowing down of the infected machine*
- The slowing down of the network used by the infected machine*
- The crash of services or the operating system of the infected machine*

The different types of worm

- Network worm
- E-mail worm
- Instant Messaging worm
- The Internet worm
- IRC worm
- Towards file-sharing networks worm

The meanings to protect your computer against worm



You can scan all suspicious files using your antivirus software, but most importantly you need to keep all your software up-to-date, including non-antivirus software.