Disclaimer

This presentation is based on the hard work of a team of people. I do not pretend to take credit for it.

For more information, see:
Outline

- Introduction
- Background
- Methodology
- Results
- Conclusion
Background

- Many infections
- Fuels criminal enterprises
- Degrades user experience
Background

Invisible to the user, but still harmful
Methodology

- Take a heuristic first pass
- Run likely “bad” sites in a browser
- Display results in search, clients
Results

• We found a lot of malware
• >1% of all searches return results that include harmful pages
• We use the data in search results and in clients
Did you mean: the tao of star wars

The Tao of Star Wars

This site may harm your computer.

Article comparing the “force” from the star wars films to the Tao.

www.exn.ca/starwars/taoism.cfm - Similar pages - Note this

Amazon.com: The Tao of Star Wars: John M. Porter: Books
Amazon.com: The Tao of Star Wars: John M. Porter: Books.
www.amazon.com/Tao-Star-Wars-John-Porter/dp/0893343854 - 214k -
Cached - Similar pages - Note this

-- Beliefnet.com
Adapted from The Tao of Star Wars with permission of the author. Wu wei may be the most misunderstood of all the precepts of Taoism ...
Protection in the client as well
Conclusions

• We can find much of the malware on the web
• The problem isn’t going away
  ▪ Client software insecurity
  ▪ Server software insecurity
  ▪ Unclear responsibilities and incentive models
• Help play a part in the solution
  ▪ Make your client software more secure
  ▪ Make your infrastructure more secure
  ▪ Improve support for users post-infection
  ▪ Develop support for webmasters pre- and post-infection