

Lecture 11 - 10/22/2019

Malware	2
Types	2
History	2

Malware

- Attack Kits
 - Pre-packed software that allows people to attack systems very easily
- Attack Sources (attackers)
 - Used to be a fair number were kids

Types

- Trojan Horse
 - Something that seems innocent but contains malicious code
 - Legitimate game that gathers data and whatnot during its runtime.
- Worm
 - Any self-replicating malicious software
 - Could also spread itself
- Virus
 - A subclass of worm that replicates itself in a particular way
 - Attaches itself to a particular file

History

- 1960s
 - Malicious code has started to appear
 - Mainframe computers with dumb terminals had limited time to access mainframe.
 - Trojan horse was created by students to get extra time on the mainframe.
- 1980s
 - Fred Cohen, uSoCal
 - Researched into code that propagates around from OS to OS
- 1988
 - Robert Morris Jr.
 - The internet worm
 - Tried to hide itself