Darrin Barrall David Dewey

Plug and Root, the USB Key to the Kingdom

USB peripheral devices are made by reputable manufacturers and will not misbehave by attacking the host system's operating system. This device is not one of those. This discussion will cover the creation of a USB meta-device, the discovery and exploitation of flaws in operating system device drivers. In a nutshell, plug this device into an otherwise locked system and it will automatically take control of the system.

Darrin Barrall has a varied background in both hardware and software. While working in the hardware world, Darrin repaired electronics in devices ranging from televisions to sports arena lighting systems. After transitioning to the software world, his talents further diversified into banking applications, and recently into buffer overflows. Darrin is currently a R&D coder for the SPI Labs group at SPI Dynamics where he specializes in breaking things.

David Dewey is a security engineer for SPI Dynamics. David came to SPI Dynamics with five years of information security experience ranging from firewall and IDS configuration and support to application level assessment and exploit research. As a pre-sales security engineer, and member of the SPI Labs team, the renowned application security research and development group within SPI Dynamics, David assists in developing new tools and researching new threats in the realm of Web application security.

























































