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Usable Security Through Isolation

Abstract:

Forty years of work on computer security have not led to secure systems. Users don't know how to set the security policy they want, or how to defend themselves from malware. The first is because users can't understand their choices, and the second is because systems are complicated and extensible. Isolation can make things much simpler. It also makes systems much less flexible, but with careful design they can be flexible enough.