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Social Networks, Web 2.0, and Security

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“Little Bobby Tables”

HI, THIS IS YOUR SON’S SCHOOL. WE’RE HAVING SOME COMPUTER TROUBLE.

OH, DEAR - DID HE BREAK SOMETHING? IN A WAY-

DID YOU REALLY NAME YOUR SON Robert'); DROP TABLE Students;-- ?

OH, YES. LITTLE BOBBY TABLES, WE CALL HIM.

WELL, WE’VE LOST THIS YEAR’S STUDENT RECORDS. I HOPE YOU’RE HAPPY.

AND I HOPE YOU’VE LEARNED TO SANITIZE YOUR DATABASE INPUTS.
Nothing New Under the Sun

• Security is a process
  – Not a product, a certification, a…

• Users are the Target

• More Points of Attack but Same Defenses
“Social” is Key
Most Common Threat
Serious Threat

Source: F-Secure
Teaching Bad Habits

• Logins, Logins, Logins
• More Points of Attack
• More Dependencies
“Web 2.0” Attacks

• XSS

• CSRF

• Buzzword Compliance Achieved
Security Is Good Habits

• Triage and Limit Harm

• Process, Not a Product

• Don’t Trust User Input or Identity
Contact

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