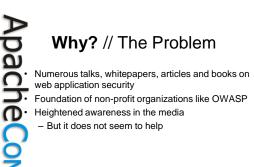
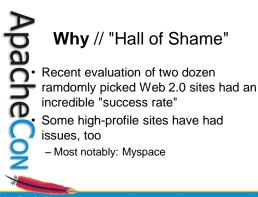
## Web Security With/Despite Web 2.0

ApacheCon

eading the Wave f Open Source

Christian Wenz <u>chw@hauser-wenz.de</u> http://www.hauser-wenz.de/blog/





Leading the War of Open Source

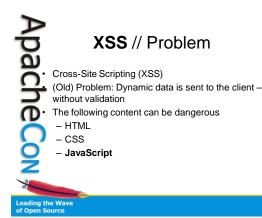
## Apache Con

## Why? // Explanations

Bad, inconsistent advice in talks, whitepapers, articles and books

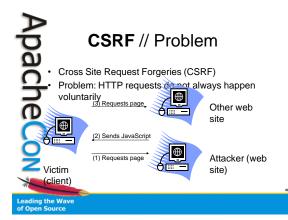
- Lack of time
- Ajax applications make it very easy to introduce vulnerabilities
- Many new (unchecked?) server APIs
- Applications rely on UGC (user-generated content)

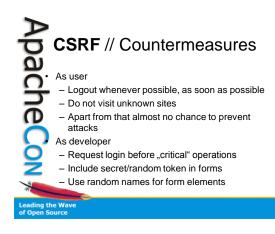
Leading the Wave of Open Source







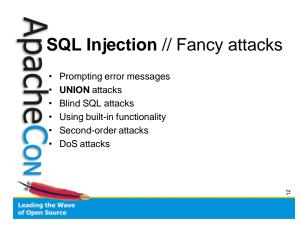




SQL Injection // Problem SQL Injection (Old) Problem: Dynamic data is used in SQL statements – without validation The list of attacks does not end with ' OR "=' !

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SQL Injection // Bad Ideas Filter for ,1=1" Filter for ' Filter for /\* Again: No blacklist, but whitelist – Or database-specific escape functions/methods – Or even better: Prepared statements (if supported)

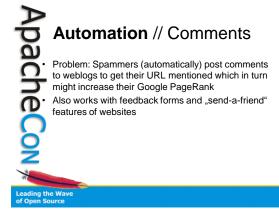


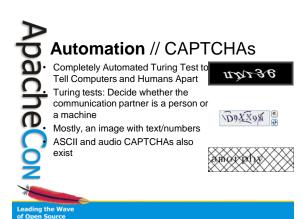
## Ajax // JavaScript attacks JavaScript Hijacking Vulnerable: GET requests that retrieve JSON information Malicious JavaScript code overrides constructors, enabling to incercept and steal (or modify) JSON data http://www.fortifysoftware.com/servlet/ downloads/public/JavaScript Hijacking.pdf

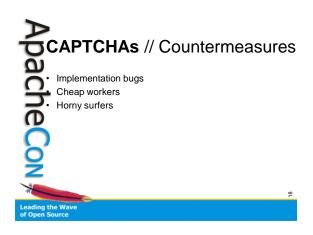




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