



BARCAMP Slovakia 2008

OWASP

June 2008

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The OWASP
<http://www.owasp.org>
Foundation

Introduction

\$whoami

Pavol Lupták

- owner of security company Nethemba s.r.o.
- 10+ years of practical experience in security with strong theoretical background (CISSP, CEH)
- penetration tester of almost all technologies
- the big open source fan
- OWASP Slovakia founder

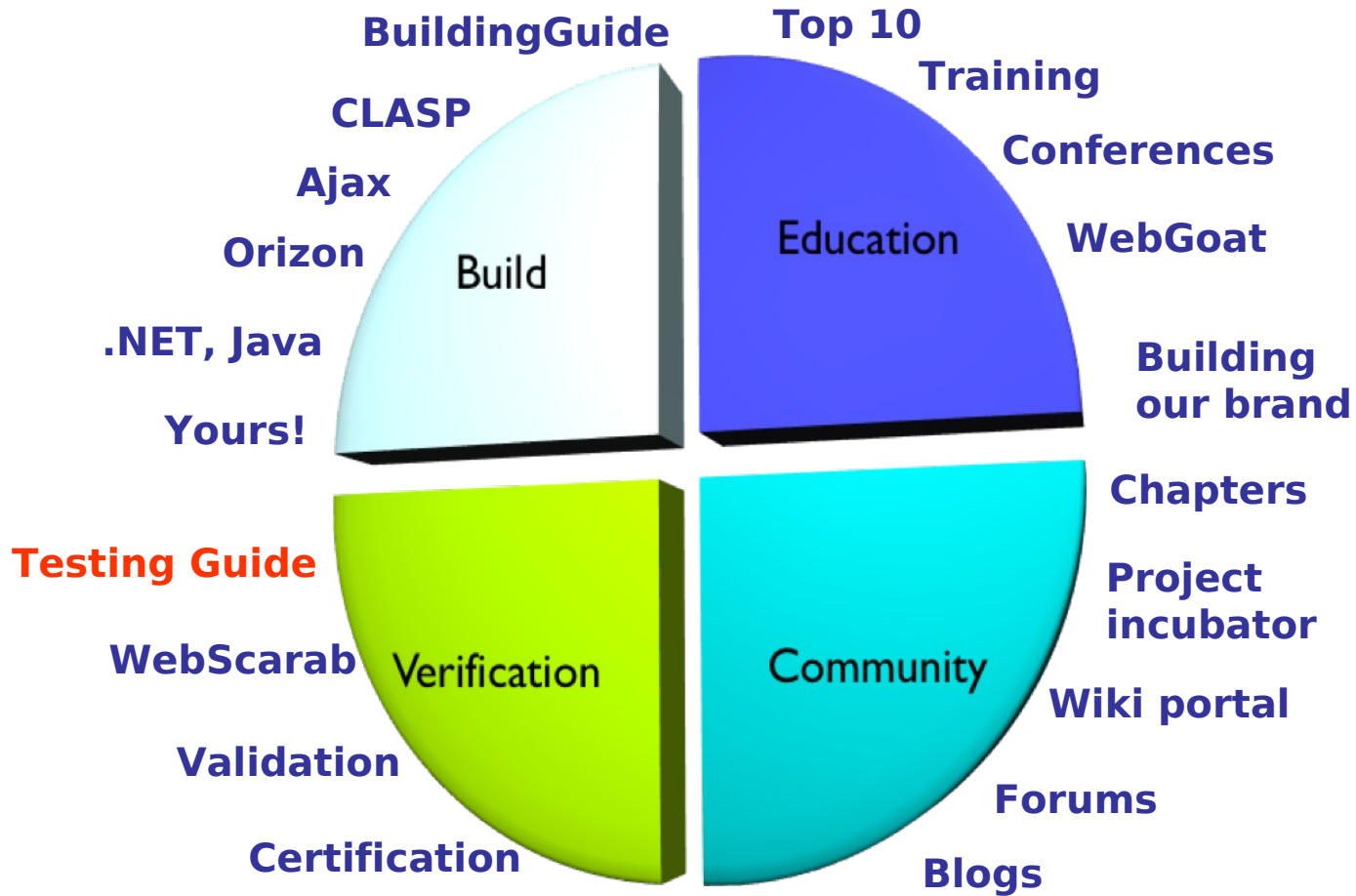
Agenda:

- **What is OWASP ?**
- **OWASP Projects**
- **OWASP Slovak Chapter**
- **Support OWASP!**
- **Q&A**

- The Open Web Application Security Project (OWASP) is dedicated to finding and fighting the causes of insecure software. The OWASP Foundation is a 501c3 not-for-profit charitable organization that ensures the ongoing availability and support for our work.
- Participation in OWASP is free and open to all.
- Everything here is free and open source.
- Main objectives: producing tools, standards and documentations related to Web Application Security.
- Thousands active members, 82 local chapters in the world
- Millions of hits on www.owasp.org

OWASP?

- Provide free resources to the community
 - Publications, Articles, Standards, e.g.
 - OWASP Top 10
 - OWASP Guide
 - Testing Guide
 - Testing and Training Software, e.g.
 - WebGoat
 - WebScarab
 - .NET Projects
 - Local Chapters, Mailing Lists & Conferences
- Dual license model:
 - Open Source Licenses
 - Commercial License for Members



OWASP Projects: OWASP Testing Guide

- provides “best practices” penetration testing framework which users can implement in their own organization
- “low level” penetration testing guide that describes how to find certain issues
- can be used for very comprehensive web application audit
- Watch for the new version 3.0 that is coming soon...

OWASP Projects: OWASP Guide Project

- Guide to building secure web applications and web services
- Gold standard for web application security
- Referenced by many leading government, financial and corporate standards
- Comprehensive manual for designing, developing and deploying secure web applications

Other OWASP Documentation Projects:

- **OWASP Top Ten Project** - provides a powerful awareness document for web application security
- **OWASP Legal Project** - helps software buyers and vendors discuss security and capture the important terms
- **OWASP Appsec FAQ Project** - answers some of questions that developers have about Web Application Security, it addresses common threats

OWASP WebGoat Project

- deliberately insecure J2EE web application designed to teach web application security lessons
- de-facto interactive teaching environment for web application security
- more than 30 lessons with hints and code to further explain the lesson

OWASP WebScarab Project

- Tool for performing all types of security testing on web applications and web services
- operates as an intercepting HTTP/HTTPS proxy, allowing the operator to review and modify requests created by the browser before they are sent to the server
- watch for Next Generation of WebScarab

OWASP CLASP Project

- Comprehensive Lightweight Application Security Process
- provides a well-organized and structured approach for moving security concerns into early stages of the software development lifecycle, whenever possible
- a set of process pieces that can be integrated into any software development process designed to be both easy and effective

OWASP Projects under development I.

- OWASP Code Crawler (J2EE/Java static review tool)
- OWASP Skavanger Project (web application security assessment toolkit)
- OWASP Sqlibench Project (benchmarking project of automatic sql injectors)
- OWASP Webekci (modsecurity admin panel)
- OWASP ASDR Project (Application Security Desk Reference)
- OWASP Application Security Verification Standard Project

OWASP Projects under development II

- OWASP AppSensor Project
- OWASP Backend Security Project
- Classic ASP Security Project
- OWASP Code Review Project
- OWASP Corporate Application Security Rating Guide
- OWASP Education Project
- OWASP Internationalization Project
- OWASP .NET Project
- OWASP Positive Security Project

OWASP Projects under development III

- OWASP Ruby on Rails Security Guide V2
- OWASP Securing WebGoat using ModSecurity Project
- OWASP Source Code Review OWASP-Projects Project

OWASP Beta Status Projects I

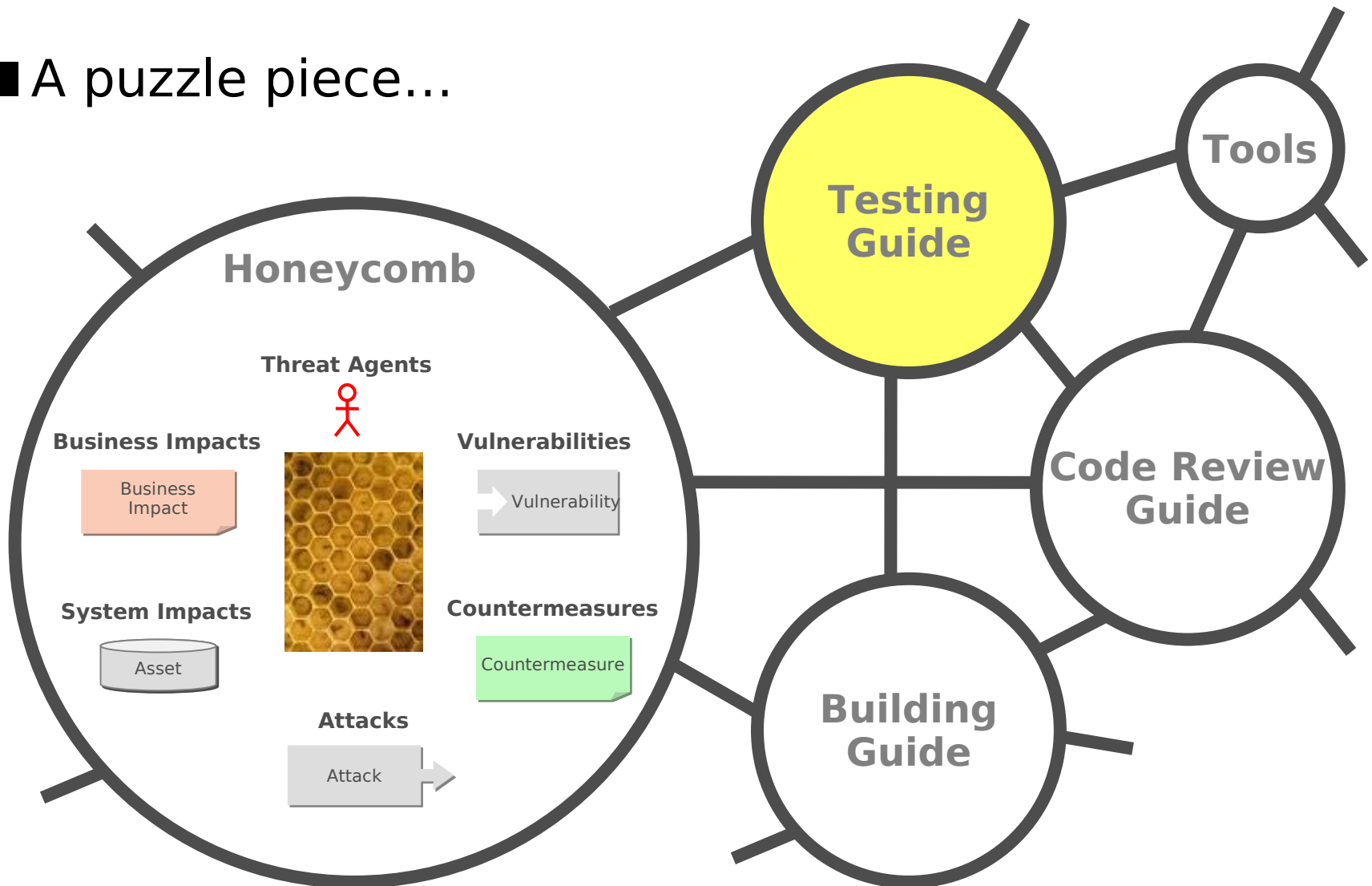
- OWASP AntiSamy Project (API for validating rich HTML/CSS input)
- OWASP CSRFGuard Project
- OWASP DirBuster Project
- OWASP Encoding Project
- OWASP Enterprise Security (ESAPI) Project
- OWASP LAPSE Project
- OWASP Live CD (Education) Project
- OWASP Panter Web Assessment Studi Project

OWASP Beta Status Projects II

- OWASP .NET Research
- OWASP Report generator
- OWASP Site Generator
- OWASP SQLiX Project
- OWASP Tiger
- OWASP WeBekci Project
- OWASP WSFuzzer
- And many OWASP Alpha Status Projects...

OWASP Testing/Building/Code Review Guide

■ A puzzle piece...



Slovakia OWASP Chapter

What do we have to offer?

- Quarterly Meetings
- Local Mailing List
- Presentations & Groups
- Open forum for discussion
- Meet fellow InfoSec professionals
- Create (Web)AppSec awareness in Slovakia
- Local projects?

Slovakia OWASP Chapter - House Rules

- Free & open to everyone
- Language
 - English preferred
 - Native language: no problem!
- No vendor pitches or \$ales presentations
- Respect for different opinions
- No flaming (including M\$ bashing)

Subscribe to Slovakia Chapter mailing list

- Keep up to date! NEW: OWASP Newsletter!
- Post your (Web)AppSec questions
- Contribute to discussions!
- <https://lists.owasp.org/mailman/listinfo/owasp-slovakia>

OWASP Membership

- Using OWASP material?
- Join us and become member!
- Support OWASP to continue to provide unbiased:
 - Tools
 - Documentation
 - Conferences
 - Mailing Lists
 - ...
- <http://www.owasp.org/index.php/Membership>

OWASP membership companies:



Support your Slovakia OWASP Chapter

- Why? Because we can really help you – we are **an open community dedicated to enabling organizations to develop, purchase, and maintain applications that can be trusted**
- Support for local projects, meeting places & catering
- OWASP cannot recommend the use of products, services, or recommend specific companies

Thank you!



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