Security Knowledge Framework

Making the web secure by design
Agenda

• Why?
• Software (AND Security) development life cycle
• What is security knowledge framework
• Stages of development
• Guide
• Community
Why SKF?

- Security by design
- Information is hard to find
- Examples lack security details
- Security is hard
- Together we can create secure web applications
- Defensive coding approach
- SKF is the first step in SDLC
Software (AND Security) development life cycle

- OWASP Security knowledge framework
- Static code analysis
- Code reviews
- Security automation testing (Seccubus)
- Penetration test
What is S.K.F?

• Guide to secure programming
  By adapting your design to security, not securing your design

• Security awareness
  It informs you about threats even before you wrote a single line of code.

• Clear and transparent
  Provides information applicable for your specific needs on the spot.
Stages of development

• Pre development stage
  Here we detect threats before hand and we provide developers with secure development patterns as well as providing feedback and solutions on how to handle their threats.

• Post development stage
  By means of checklists we guide developers through a process where we harden their application infrastructure and functions by providing feedback and solutions.
Guide

Pre development
Guide

Post development
Guide

Knowledge base
Community

• Getting involved?


Together we can make it Big, strong, and helpful!
Questions?