UXD Cycle 3 - RQ 1 - Similar Boxes

MSAT Interface ⊘   ⊖ ⬜ ⊗

Project Structure

┌─ Project: Alpha - (file_path)/src ──────────────────────────────────

∨ 🖿 D:\varma\project_alpha
  > 🖿 .idea
  > 🖿 src

MSAT Interface ⊘   ⊖ ⬜ ⊗

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    > 🖿 scripts_module

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Project Structure

┌─ Project: Alpha - (file_path)/src ──────────────────────────────────

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  > 🖿 .idea
  ∨ 🖿 src
    ∨ 🖿 scripts_module
      XSSFilter.java
      XSSScan.java
      XSSRequestWrapper.java

Panel 1

Project Structure

Project: Alpha - (file_path)/XSSFilter.java

```
import java.util.regex.Pattern;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletRequestWrapper;

public class XSSFilter implements Filter {

    @Override
    public void init(FilterConfig filterConfig) throws ServletException {
    }

    @Override
    public void destroy() {
    }

    @Override
    public void doFilter(ServletRequest request, ServletResponse response, FilterChain chain)

        throws IOException, ServletException {
        chain.doFilter(new XSSRequestWrapper((HttpServletRequest) request), response);
    }

}
```

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Fixed ❶

Panel 2

Project Structure

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[tool name 3] : XSS: Anti cross-site scripting filter (XSS_CONFIG)

Wrap the HTTP request object in a specialized

HttpServletRequestWrapper that will perform filtering.

similar bugs

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[tool name 2] : JSP reflected cross site scripting vulnerability

This code directly writes an HTTP parameter to JSP output, which allows
for a cross site scripting vulnerability. See http://en.wikipedia.org/wiki/
Cross-site_scripting for more information

similar bugs

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        chain.doFilter(new XSSRequestWrapper((HttpServletRequest) request), response);
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Fixed ❶

Project Structure

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Fixed ❶

Project Structure

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