



SECURITY TESTING TOOLS

UPDATEABLE DEPENDENCIES

<https://github.com/ben-manes/gradle-versions-plugin>

```
plugins {  
    id 'com.github.ben-manes.versions' version '0.17.0'  
}
```

```
./gradlew dependencyUpdates
```

UPDATEABLE DEPENDENCIES

Demo

WHERE ARE THEY FROM

```
./gradlew dependencies
```

CHECK FOR KNOWN VULNERABILITIES

<https://jeremylong.github.io/DependencyCheck/dependency-check-gradle/>

```
buildscript {
    repositories {
        mavenCentral()
    }
    dependencies {
        classpath 'org.owasp:dependency-check-gradle:3.1.1'
    }
}

apply plugin: 'org.owasp.dependencycheck'
```

```
./gradlew dependencyCheckAnalyze --info
```

Result in build/reports

OWASP ZED ATTACK PROXY PROJECT

https://www.owasp.org/index.php/OWASP_Zed_Attack_Proxy_Project



PROXY

Intercepting web requests



Example for Firefox

IMPORTANT FEATURES

- Active and passive scanner
- Spider
- Report Generation

SIMPLE TEST

- Configure Proxy for browser
- Explore manually
- Use Spider to find 'hidden' content
- See what passive scanner have found
- Use active scanner

OTHER FEATURES

PORT SCANNER

To see if too much is open

API AND HEADLESS MODE

To include in automatic testing pipeline