OWASP

TOP 10 PROJECTS

The **OWASP Foundation** gives aspiring open source projects a platform to improve the security of software with:

- Visibility: Our website gets more than six million visitors a year
- Credibility: OWASP is well known in the AppSec community
- Resources: Funding and Project Summits are available for qualifying Programs
- Community: Our Conferences and Local Chapters connect Projects with users

The Open Web Application Security Project (OWASP) is an open source community dedicated to enabling organizations to develop, purchase, and maintain applications and APIs that can be trusted. At OWASP, you'll find free and open:

- **Application security tools and standards.**
- **Complete books on application security testing, secure code development, and secure code review.**
- **Presentations and videos.**
- **Community Project Support**
- **Standard security controls and libraries.**
- **Extensive conferences worldwide**

Join the community at OWASP.org

Top 10
A standard awareness document for web application security, globally recognized by developers as the first step towards more secure coding. It represents a broad consensus about the most critical security risks to web applications.

Security Shepherd
A web and mobile application security training platform which has been designed to foster and improve security awareness among a varied skill-set demographic.

JuiceShop
A modern and sophisticated insecure web application that can be used in security trainings, awareness demos, CTFs and as a guinea pig for security tools, encompassing vulnerabilities from the entire OWASP Top Ten and more.

DefectDojo
An vulnerability management tool that streamlines the testing process by offering templating, report generation, metrics, and baseline self-service tools.

ZAP
The world's most widely used web app scanner. Free and open source. Actively maintained by a dedicated international team of volunteers.

Dependency-Check
A Software Composition Analysis (SCA) tool that attempts to detect publicly disclosed vulnerabilities contained within a project's dependencies.
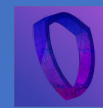
CSRFGuard
Exposes various automated and manual ways to integrate per-session or pseudo-per-request tokens into HTML. When a user interacts with this HTML, CSRF prevention tokens (i.e. cryptographically random synchronizer tokens) are submitted with the corresponding HTTP request.

ModSecurity Core Rule Set
A set of generic attack detection rules for use with ModSecurity or compatible web application firewalls. The CRS aims to protect web applications from a wide range of attacks, including the OWASP Top Ten, with a minimum of false alerts.

And Many More...visit https://owasp.org/projects/

PROJECTS

The Open Web Application Security Project (OWASP) is an open source community dedicated to enabling organizations to develop, purchase, and maintain applications and APIs that can be trusted. At OWASP, you'll find free and open:

- Application security tools and standards.
- Complete books on application security testing, secure code development, and secure code review.
- Presentations and videos.
- Community Project Support
- Standard security controls and libraries.
- Extensive conferences worldwide

Join the community at OWASP.org

The **OWASP Foundation** gives aspiring open source projects a platform to improve the security of software with:

- Visibility: Our website gets more than six million visitors a year
- Credibility: OWASP is well known in the AppSec community
- Resources: Funding and Project Summits are available for qualifying Programs
- Community: Our Conferences and Local Chapters connect Projects with users

ASVS
Aims to normalize the range in the coverage and level of rigor available in the market when it comes to performing Web application security verification using a commercially-workable open standard.

Dependency-Track
An intelligent Component Analysis platform that allows organizations to identify and reduce risk in the software supply chain.

Mobile Security Testing Guide
The MSTG is a comprehensive manual for mobile app security testing and reverse engineering for iOS and Android mobile security testers. MSTG aims to Define the industry standard for mobile application security.

Amass
Helps information security professionals perform network mapping of attack surfaces and perform external asset discovery using open source information gathering and active reconnaissance techniques.

Security Knowledge Framework
Explains secure coding principles in multiple programming languages to help you learn and integrate security by design in your software development and build applications.

Web Security Testing Guide
Created by the collaborative efforts of cybersecurity professionals and dedicated volunteers, the WSTG provides a framework of best practices used by penetration testers and organizations all over the world.

CycloneDX
A lightweight Bill of Materials (BOM) standard designed for use in application security contexts and supply chain component analysis.

SAMM
An open framework to help organizations formulate and implement a strategy for software security that is tailored to the specific risks facing the organization.

And Many More...visit https://owasp.org/projects/