



códigofacilito

---

# Seguridad en DevOps

Fernando Garcia





# Conceptos (Application Security Testing)

>\_

SAST  
DAST  
IAST



# Static Application Security Testing (SAST)

## > Análisis de código

Detección de bugs

Detección de Vulnerabilidades

Análisis de calidad de código



## ☰ Dynamic Application Security Testing (DAST)

### > Runtime Testing

Detección de bugs

Simulación de ataques (SQL injection, XSS)





## Ventajas

> Integración con CI/CD

Automatización Code Review

Policy Enforcement

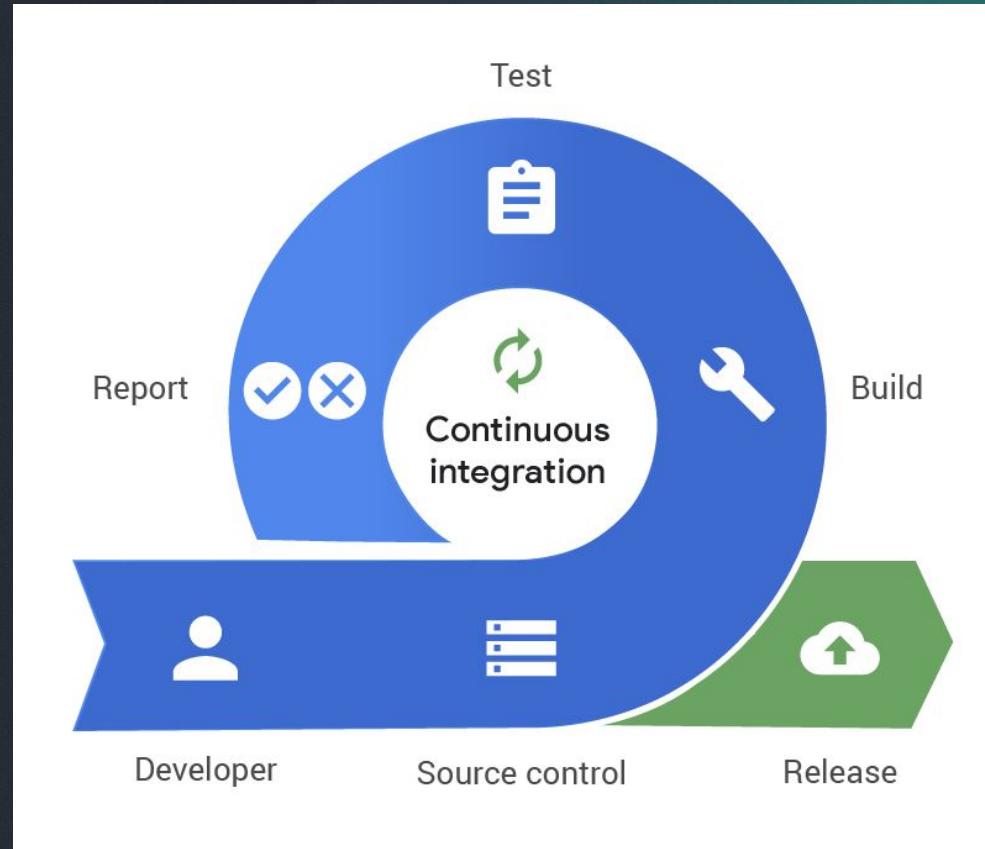
Feedback Loop

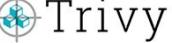


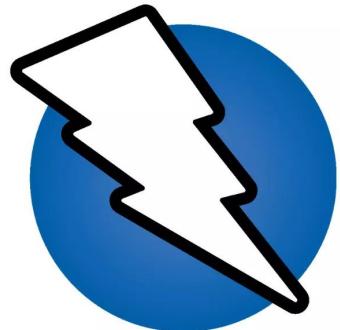


# Integración continua

>\_

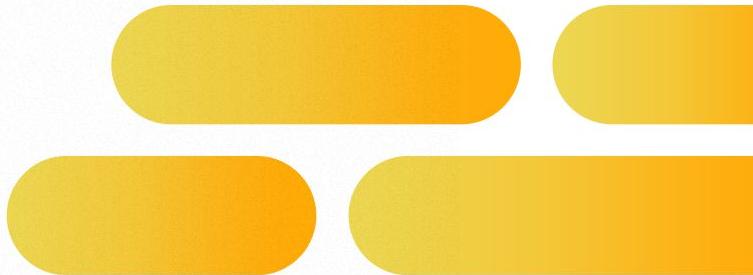


Issue Management	Source Code & DevSecOps Management	Security Scanning & Unit Testing	Continuous Integration & Build	Infrastructure as Code & Configuration Management	508 Compliance & Other Testing	Containerization & Continuous Deployment	Continuous Monitoring & Alerts
 GH Project Planner	<b>GitHub</b>	 sonarqube	 Jenkins	 HashiCorp Terraform	 Selenium	 Jenkins	 Nessus vulnerability scanner*
 Jira Software*	 Federal GovCloud DevSecOps	 DEPENDENCY-CHECK			 Pa11y	 Jenkins	 WhiteSource*
 ZenHub Enterprise*		 Trivy	 Maven™	 ANSIBLE	 Angular	 kubernetes	 Microsoft Cloud Security Center**
 Azure Boards*		 sonarlint	 MS Build		 Angular	 docker	 Twilio SendGrid**
		 JUnit 5	 redgate			 GH Actions	 Splunk**
		 GH Advanced Security*	 docker			 Azure DevOps**	
		 JFrog Artifactory Edge	 GH Actions				
		 Nessus vulnerability scanner*	 XRAY*	 Azure DevOps**			



**OWASP ZAP**

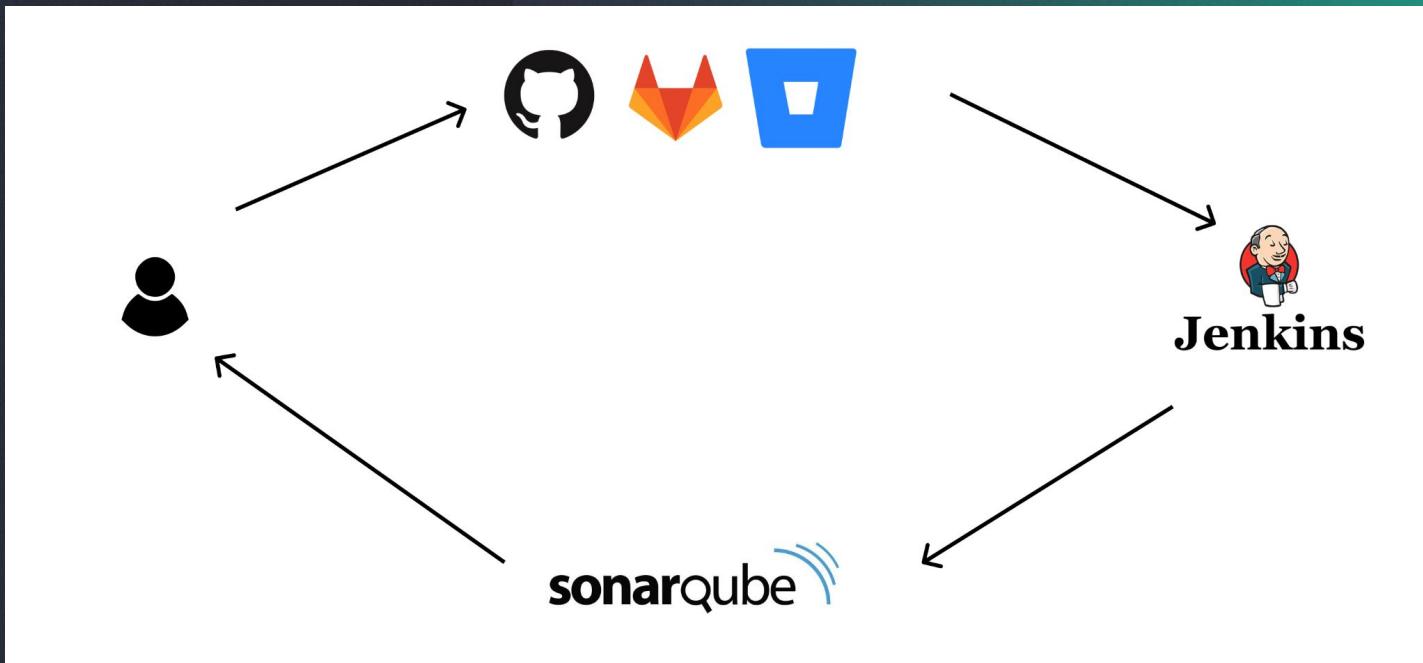
**sonarqube**





# ¿Cómo funciona ?

>





## Características principales de SonarQube:

- > Soporte Multilenguaje (29 lenguajes)
- Integración con CI/CD
- Plataforma web
- Reglas de Calidad y Seguridad



## ☰ Instalación

>\_ Instalación con Java  
Docker :)

