Meet CodeSec by Contrast

About CodeSec by Contrast

CodeSec is Contrast Security's new free developer security tool, that brings the fastest and most accurate scanner in the market right to developers at no cost. Providing actionable remediation guidance, CodeSec by Contrast enables developers to get up and running in less than five minutes.

CodeSec Delivers

- **Fastest & Most Accurate Scanner**
  - Delivers up to 10X faster scan rates. Recognized as the fastest & most accurate JAVA scanner in the market.

- **Immediate & Actionable Results**
  - Scan code and serverless environments, find 70% more critical vulnerabilities, and receive actionable results with 6X more true positives in seconds.

- **From Start to Finish in Minutes**
  - Seamless signup process with GitHub or Google Account. Alternatively, use provided GitHub Action to connect with your GitHub pipeline. Up and running in less than 5 minutes.

CodeSec Capabilities

CodeSec provides the same scanning engine used in our Contrast Security platform, packaged it in a simple command-line interface (CLI). Allowing Users to Scan Code and Serverless Environments right from their laptop!

- **CodeSec - Scan**
  - **Description:** Optimize code security for Java, JavaScript and .NET apps, with fast, industry-leading SAST scans and actionable remediation guidance.
  - **Command:** contrast scan

- **CodeSec - Serverless**
  - **Description:** Secure serverless environments in AWS Lambda functions (Java + Python) quickly and accurately while delivering actionable remediation guidance.
  - **Command:** contrast lambda

- **CodeSec - SCA**
  - **Description:** Secure vulnerable libraries (in Java, Javascript, Python, Ruby, GO, PHP, NET) in your open-source software (OSS) with lighting speed, accuracy, and actionable remediation guidance to ship code faster and create a standardized Software Bill of Materials (SBOM) to manage supply chain risk with ease.
  - **Command:** contrast audit
Use an Existing Vulnerable Application Available in GitHub
Import and build a JAR for this existing unsecure app in order to scan it.

1. Get CodeSec by Contrast
   Head over to contrastsecurity.com/developer and click Start Now

2. Install CodeSec
   CodeSec offers multiple install options including NPM, Artifactory, and Homebrew.
   ```
   brew tap contrastsecurity/tap
   brew install contrast
   ```

3. Contrast Login with GitHub
   CodeSec allows users to auth with either Google or GitHub.
   ```
   contrast auth
   ```
   Login → Confirm → Authorize Contrast

4. Run CodeSec in your project folder
   CodeSec allows users to run serverless or scan, which will be used for this guide.
   ```
   contrast scan
   ```
   Searched 3 directory levels & found:
   - build/...SNAPSHOT.jar
   - build/...SNAPSHOT.war

5. Scan JAR / WAR
   ```
   contrast scan -f build/libs/terracotta-bank-servlet-0.0.1-SNAPSHOT.jar
   ```
   Found 17 vulnerabilities
   8 Critical | 3 High | 5 Medium | 0 Low | 1 Note

6. Scroll up for results!
   Scan completed in 25.19s
   Here are your top priorities to fix
   CRITICAL | sql-injection ...

Want to Learn More?
Watch our demo videos for a more interactive experience on YouTube.

Scan QR Code or Click Here to Learn More

Stay Connected!

contrastsecurity.com