

HCLTech’s ADvantage Pega Code Scanner Enhancing Developer Experience (DevEx) & Clean Code Strategy



Overview

The HCLTech’s ADvantage Pega Code Scanner offerings, focuses on performing design, security, and consistent analysis for Pega that will help improve Pega code quality and provide substantial improvements on productivity in the development code review effort. It automatically reviews the Pega code base against the pre-defined client-specific best practices and displays the rules being violated along with a Code Quality Scorecard. The tool encompasses over **50 additional in-built best practices** based on delivery experiences and common coding best practices complementing the Pega Guardrails. Code Scanner is built as a highly malleable & independent component and easily fits in any functional area or industry domain



Additional resources

- Brochure: [HCLTech’s Pega Code scanner](#)
- Solution Video: [HCL Technologies-Pega solution series: Code Scanner demo – YouTube](#)
- Pega Marketplace: [HCLTech's ADvantage Pega Code Scanner | Pega](#)

Benefits

Experience Transformation with benefits cutting across Agents, Businesses and Customers



Enhanced Code Quality

Improve Code quality from lower environment and release the scrutinized code to production; Reduces technical debt inheritance



Developer Experience

Improve Developer Experience [DevEx] and reduce Code-Smells or technical-debt inheritance



Increased productivity

Enables developers to focus on solving business problems, Improved consistency and standardization across development teams.



Reduced effort

Reduce implementation timelines, speed up Time-To-Market



Supports DevOps

Provides REST APIs which can be integrated with your CICD pipeline to execute code scanner before you deploy to higher environment



Ease of Usage

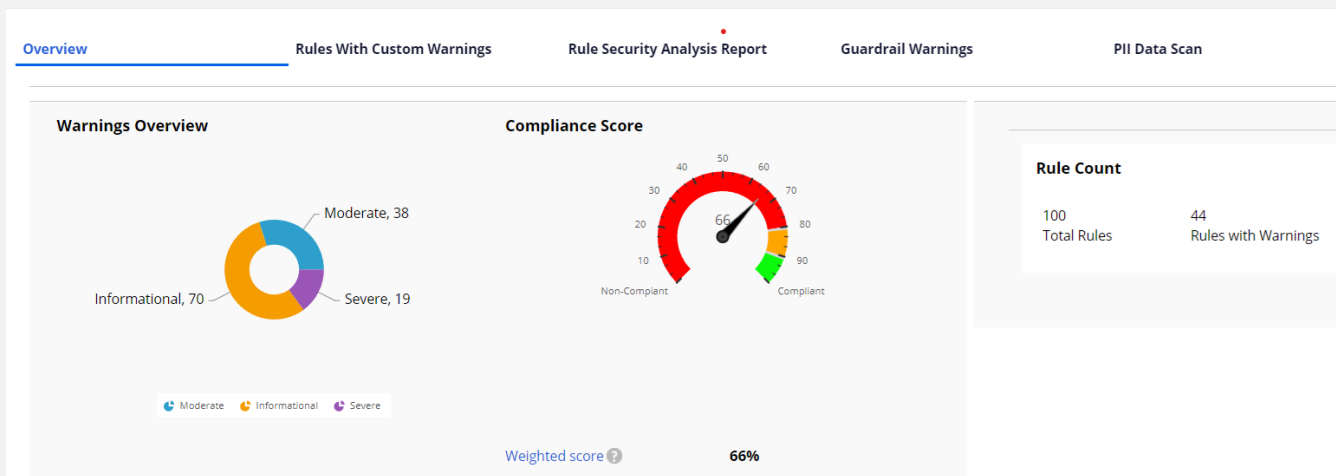
Model-driven automated code validation for scaffolding components makes it easily maintainable & configurable



Features

Some of the key highlights and features of Code Scanner that assist in catalyzing the Pega implementation and improve the efficiency and code quality are:

- **Automate scaffolding** to enable developers to focus on the business functions Implementations
- **Codified best practices** replacing just documentations
- **Scans** for rules with **security vulnerabilities**
- **Seamless integration with CI/CD** DevSecOps pipeline
- **Scan Bot** (Pega IVA – Interactive Virtual Assistant powered) feature for developer self-help assistance for code quality validation
- On demand **security scans and PII data scans** in the log statements
- **Easy configurable design** for incorporating additional customer-specific custom warnings
- **Exhaustive report generation** of custom warnings with rule name, step, details of the warning etc..
- **Supports personas** such as Developers, Architect, Leads, Scrum masters, DevSecOps engineer, Technical Managers, Centre of Excellence Team etc.
- **User stories** are created in your scrum tool for each of the **custom warnings** to make track it to closure
- Additionally, **Code Scanner is available** as a wizard, as a bot, as an agent, as a service



Get started with HCLTech's Advantage Pega Code Scanner on Azure
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