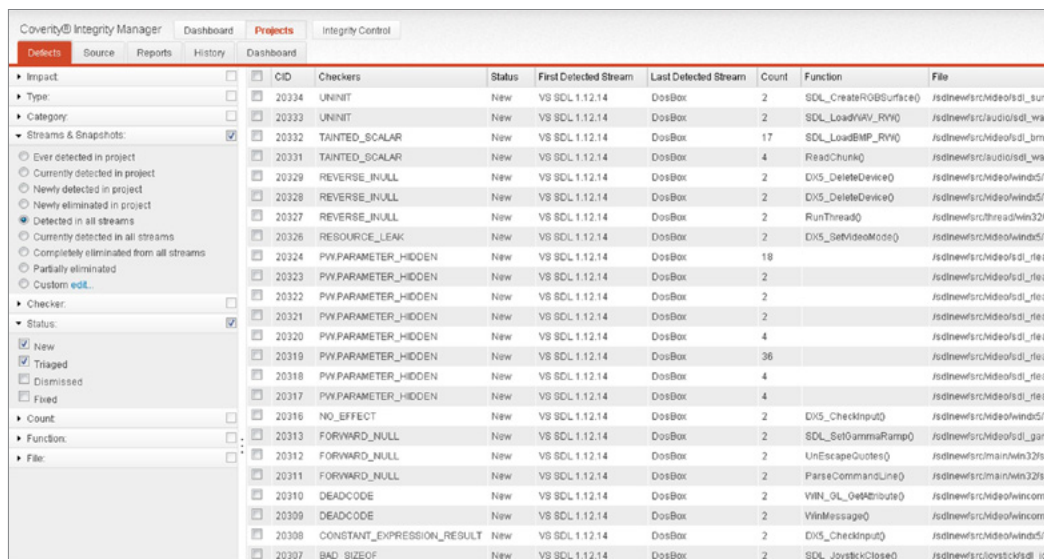


Coverity® Static Analysis for Java

Coverity helps Java developers find hard-to-spot, yet potentially crash-causing defects early in the software development life-cycle, reducing the cost, time, and risk of software errors.



Impact	Type	Category	Streams & Snapshots	Checker	Status	First Detected Stream	Last Detected Stream	Count	Function	File
	UNINIT			UNINIT	New	VS SDL 1.12.14	DosBox	2	SDL_CreateROBSurface()	/sdnew/src/mdeofsd_surf...
	UNINIT			UNINIT	New	VS SDL 1.12.14	DosBox	2	SDL_LoadWAV_RW()	/sdnew/src/audio/ld_wav...
	TAINTED_SCALAR			TAINTED_SCALAR	New	VS SDL 1.12.14	DosBox	17	SDL_LoadBMP_RW()	/sdnew/src/mdeofsd_bmp...
	TAINTED_SCALAR			TAINTED_SCALAR	New	VS SDL 1.12.14	DosBox	4	ReadChunk()	/sdnew/src/audio/ld_wav...
	REVERSE_NULL			REVERSE_NULL	New	VS SDL 1.12.14	DosBox	2	DXS_DeleteDevice()	/sdnew/src/mdeofwinds5r...
	REVERSE_NULL			REVERSE_NULL	New	VS SDL 1.12.14	DosBox	2	DXS_DeleteDevice()	/sdnew/src/mdeofwinds5r...
	REVERSE_NULL			REVERSE_NULL	New	VS SDL 1.12.14	DosBox	2	RunThread()	/sdnew/src/thread/win32r...
	RESOURCE_LEAK			RESOURCE_LEAK	New	VS SDL 1.12.14	DosBox	2	DXS_SetVideoMode()	/sdnew/src/mdeofwinds5r...
	PW.PARAMETER_HIDDEN			PW.PARAMETER_HIDDEN	New	VS SDL 1.12.14	DosBox	18		/sdnew/src/mdeofsd_reacc...
	PW.PARAMETER_HIDDEN			PW.PARAMETER_HIDDEN	New	VS SDL 1.12.14	DosBox	2		/sdnew/src/mdeofsd_reacc...
	PW.PARAMETER_HIDDEN			PW.PARAMETER_HIDDEN	New	VS SDL 1.12.14	DosBox	2		/sdnew/src/mdeofsd_reacc...
	PW.PARAMETER_HIDDEN			PW.PARAMETER_HIDDEN	New	VS SDL 1.12.14	DosBox	2		/sdnew/src/mdeofsd_reacc...
	PW.PARAMETER_HIDDEN			PW.PARAMETER_HIDDEN	New	VS SDL 1.12.14	DosBox	2		/sdnew/src/mdeofsd_reacc...
	PW.PARAMETER_HIDDEN			PW.PARAMETER_HIDDEN	New	VS SDL 1.12.14	DosBox	4		/sdnew/src/mdeofsd_reacc...
	PW.PARAMETER_HIDDEN			PW.PARAMETER_HIDDEN	New	VS SDL 1.12.14	DosBox	36		/sdnew/src/mdeofsd_reacc...
	PW.PARAMETER_HIDDEN			PW.PARAMETER_HIDDEN	New	VS SDL 1.12.14	DosBox	4		/sdnew/src/mdeofsd_reacc...
	PW.PARAMETER_HIDDEN			PW.PARAMETER_HIDDEN	New	VS SDL 1.12.14	DosBox	4		/sdnew/src/mdeofsd_reacc...
	NO_EFFECT			NO_EFFECT	New	VS SDL 1.12.14	DosBox	2	DXS_CheckInput()	/sdnew/src/mdeofwinds5r...
	FORWARD_NULL			FORWARD_NULL	New	VS SDL 1.12.14	DosBox	2	SDL_SetGammaRamp()	/sdnew/src/mdeofsd_gamm...
	FORWARD_NULL			FORWARD_NULL	New	VS SDL 1.12.14	DosBox	2	UnEscapeQuotes()	/sdnew/src/main/win32r...
	FORWARD_NULL			FORWARD_NULL	New	VS SDL 1.12.14	DosBox	2	ParseCommandLine()	/sdnew/src/main/win32r...
	DEADCODE			DEADCODE	New	VS SDL 1.12.14	DosBox	2	WIN_GL_0xAttribute()	/sdnew/src/mdeofwincomm...
	DEADCODE			DEADCODE	New	VS SDL 1.12.14	DosBox	2	WinMessage()	/sdnew/src/mdeofwincomm...
	CONSTANT_EXPRESSION_RESULT			CONSTANT_EXPRESSION_RESULT	New	VS SDL 1.12.14	DosBox	2	DXS_CheckInput()	/sdnew/src/mdeofwinds5r...
	BAD_SIZEOF			BAD_SIZEOF	New	VS SDL 1.12.14	DosBox	2	SDL_JoystickClose()	/sdnew/src/joystick/ld_joy...

- Resource leaks
- API usage errors
- Concurrent data access violations
- Performance and maintainability issues
- SQL injection and cross-site scripting

Manage Java defects found with Coverity and FindBugs™ analysis engines from a single interface to speed defect triage and resolution.

Key Features

Best of Breed Analysis

Sophisticated analysis techniques enable developers to quickly find critical defects in Java code while maintaining low false positive rates. Coverity finds real defects that can cause software failures or introduce security vulnerabilities and not just simple style violations. Coverity provides out-of-the-box support for preventing mistakes related to common technologies and frameworks such as Android, JSE, JDBC, Swing, Eclipse SWT, J2ME, and Apache commons.

FindBugs

Coverity ships with a highly tuned version of FindBugs™ with no extra installation required. It delivers more accurate analysis and enables developers to review, prioritize, and triage FindBugs and Coverity-found defects from a centralized defect management console in a single workflow saving precious time.

Integration with the Developer Workflow

Analyze, triage, and repair defects from within the Eclipse IDE on the desktop for improved productivity. Out-of-the-box integration with Jenkins continuous integration server enables code to be automatically tested with every build. Easily integrates with the existing development environment.

Defect Management

Quickly identify the exact location where Java defects occur in the code across branches, streams, and projects for faster triage. View defects by severity level, understand business impact, and link to the CWE for more information. Automatically assign defects to the responsible developer for faster resolution. Share triage information across development teams.

Integration with HP Application Lifecycle Management

Coverity testing results are directly tied to business requirements in the HP ALM and HP Quality Center workflow enabling improved visibility and collaboration between development and QA teams.

A Scalable and Extensible Platform

Coverity is proven to scale to the largest code bases with no impact on the central build environment. It easily integrates with other critical components in the development environment including leading source control management systems.

Supported Environments

Coverity Static Analysis for Java		
Supported Platforms		Minimum System Requirements
<ul style="list-style-type: none"> • Linux • Mac OS X • NetBSD • Solaris • Windows 	<ul style="list-style-type: none"> • Eclipse v3.5, v3.6, v3.7 	<ul style="list-style-type: none"> • 1 GHz CPU (x86 or SPARC) • 1 GB of RAM minimum, 2 GB recommended • 1 GB of free hard disk space
Coverity Integrity Manager Browser Support		
Browser		Minimum System Requirements
<ul style="list-style-type: none"> • Internet Explorer 7, 8 or 9 • Firefox 5 or later • Google Chrome 7 or later • Safari 5 5 or later 		<ul style="list-style-type: none"> • Dual core Intel® x86 or AMD 3.0GHz processor 64-bit 2 GB of free RAM • Additional deployment scenarios are supported

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