

Library Auditor™

Protecode Library Auditor™ is a platform independent application that detects and analyzes files as they are checked into a code repository and provides notification if an established licensing policy is violated, ensuring proper software license compliance.

Protecode Library Auditor™ (LA) ensures that all files committed to a Source Code Management (SCM) repository are compliant with an organization's open source licensing policy. This tool is a component of the end-to-end software license compliance process within an organization.

How it Works

- Library Auditor (LA) is notified whenever new files have been committed to a pre-defined portion of the repository.
- Once notified, an analysis is automatically performed using the services of Protecode Enterprise Server (ES). Analysis includes querying the Protecode IP Signatures database to determine code pedigree and its associated licensing obligations.
- Violations against the established licensing policy are then reported. Separate licensing policies can be created for specific branches of the repository.
- If violations are detected, an email is sent to the administrator indicating the policy violations, violating licenses, and location of the violating files with details for further investigation.

Features

- LA and ES can run on the same platform, and multiple LAs can use the services of the same ES.
- Lightweight, easy to deploy, and works with all other reporting and management capabilities System 4.
- Works with Source Control Management systems, such as SVN, Perforce, and Rational ClearCase.

Protecode System 4™ is a portfolio of software tools that facilitate safe and efficient adoption of open source while ensuring proper software governance and compliance to legal obligations.

The following solutions are available:

Enterprise Analyzer™ for bulk analysis of a large number of files – either legacy code, open source code, or code acquired from contractors and outsourcers.

Developer Assistant™ for preventive real-time analysis of assembled source code to ensure it meets established licensing policy. It runs on each developer workstation.

Library Auditor™ for verifying that source code committed to a code repository satisfies associated licensing policy.

Build Analyzer™ for generating a software bill of materials and ensuring that the source code consumed in a build process meets required licensing obligations.

The Protecode **Core IP Analysis Engine** and **Software Development Kit (SDK)** is available for integration into customer applications and established workflow solutions.

Protecode IP Audit Service™ is an accurate and efficient process to determine open source and other third-party licensing obligations in a code portfolio whenever a commercial, M&A, or financing event is anticipated.

KEY BENEFICIARIES OF PROTECODE SYSTEM 4™

CORPORATE MANAGERS

- CEO: Remove license compliance uncertainties, reduce business risk and cost
- Legal: Assist licensing compliance & protection
- Finance: Streamline investments & lower barriers to higher valuation
- Sales: Reduce licensing indemnity delays

PRODUCT & DEVELOPMENT MANAGERS

- Manage access to open source software
- Accelerate time to market
- Reduce development costs
- Offer clean pedigreed products
- Improve quality management

INVESTMENT & LEGAL COMPANIES

- Access better software development records
- Reduce discovery costs
- Gain visibility to code portfolio
- Reduce risks

SOFTWARE CONTRACTORS

- Reduce licensing indemnity costs
- Communicate professional operation
- Enhance competitiveness

OPEN SOURCE CONTRIBUTORS

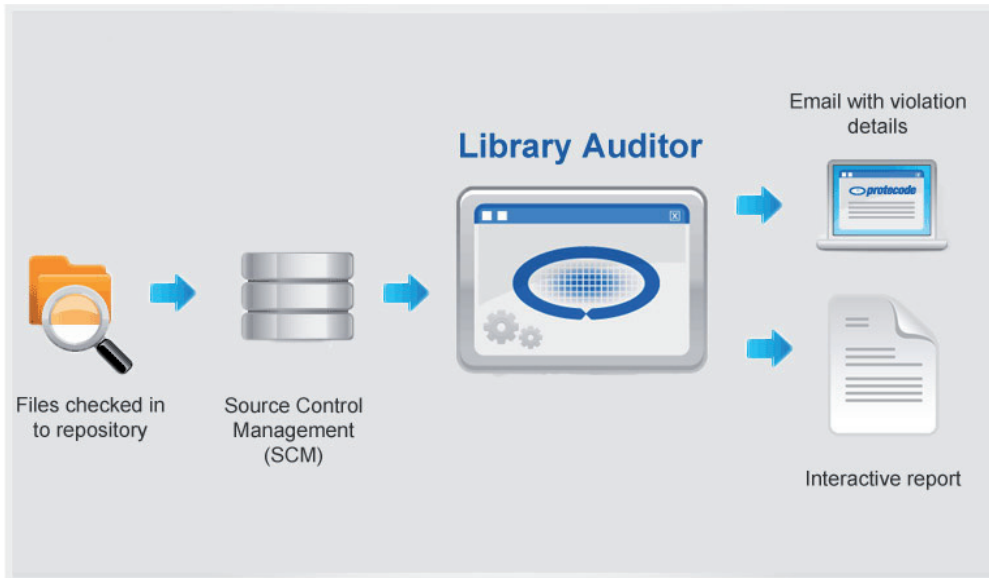
- Offer pedigreed content
- Enhance appeal and adoption

ACADEMIC & RESEARCH INSTITUTIONS

- Improve technology transfer
- Reduce license compliance uncertainties

SOFTWARE DEVELOPERS

- Automate licensing management
- Concentrate on development



Key Benefits

Easy to acquire: Part of Protecode System4™ solution family, it works with the existing Protecode Enterprise Server™, and Protecode Enterprise Analyzer™ or Protecode Developer Assistant™ solutions

Choice of reference databases: Protecode Global IP Signatures (GIPS) database or licensed acquisition of on premise Enterprise IP Signature database (EIPS)

Easy to use: Minutes to install, configure, and capture licensing policy. Unobtrusive, seamless integration into any development environment

Comprehensive: examines all pedigree and similarity aspects of code checked into repository

Functional: identifies pedigree and licensing information associated with content; compares legal obligation of code against licensing policy; updates local pedigree database and notifies designated personnel of licensing policy violation

Proactive & Policy Driven: enables capture of licensing policies and mandated workflow activities in case of violations or unknown content

Automatic: Runs automatically as one or more files are committed to repository

Secure: No code ever leaves customer premises

Evolving: Continuous updates of Global IP Server (GIPS) with the newest open source projects and versions, using direct automated feeds from major code repositories

Enabling: Facilitates efficient adoption of open source software and frees developers from complex training and interpretation of open source licensing and rules

Highly Affordable: Flexible licensing structure includes legal training and unlimited support.

TECHNICAL SPECIFICATIONS

ENVIRONMENT

- Multi-core desktop processor
- Windows or Linux
- 2GB – 4GB RAM, 2GB minimum disk space recommended
- SVN, Perforce, or IBM Rational ClearCase
- Sun JRE 1.6 update 4 or later
- Perl v5.6.8 or later

FILE TYPES

- Source files
- Binary files
- Archive files

LANGUAGES SUPPORTED

- Java
- Java Script
- C, C++, C#
- Visual Basic
- Pascal
- Perl
- Python
- PHP
- Ruby

USER INTERFACE

- IE 7.0 or higher
- Firefox 2.0 or higher

CONNECTIVITY TO ENTERPRISE SERVER

- HTTPS

PROTECODE ENTERPRISE SERVER

- A server processor with Protecode ES v4.2 or later



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