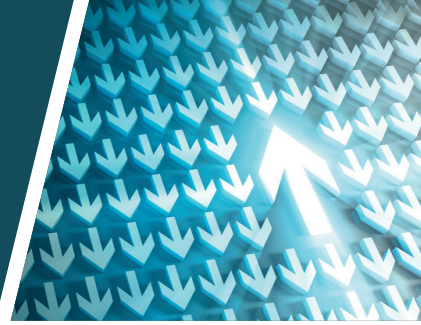
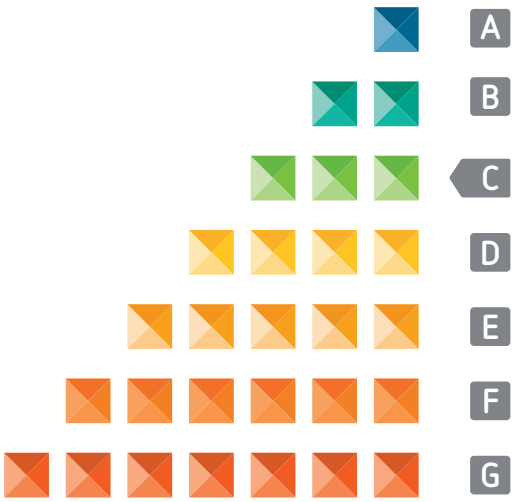
Technical Debt
SQUORE



Squoring Technologies delivers an innovative decision-making dashboard to manage the technical debt of software products.



Technical Debt refers to the cost of refactoring software to remove all defects and comply with quality requirements. It has become a widely-used performance indicator in the entire software industry.

Monitoring software technical debt is a key condition to maintaining a high innovation rate for all companies: the higher the debt and the corrective maintenance, the lower the innovation.

> *Squore brings greater productivity to our development teams.*
>
> **Bruno Bec,** Test&Validation senior manager, Strategy & Innovation, Schneider Electric.

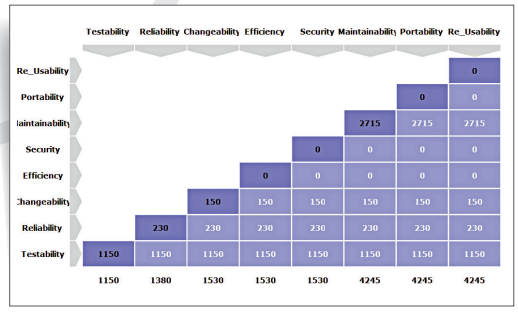
Squore Technical Debt provides a fast and high return on investment by efficiently:

- → Improving software reliability via early defect detection.
- → Reducing the maintenance costs by monitoring the technical debt.
- → Optimizing software project management and speeding-up decision-making.
- → Promoting collaboration within project teams.
- → Broadcasting best practices with a shared quality reference.
- → Cutting down the costs of code review.

Visit
www.squore-technical-debt.com

SQUORING Technologies

Innovative features dedicated to managing your technical debt.

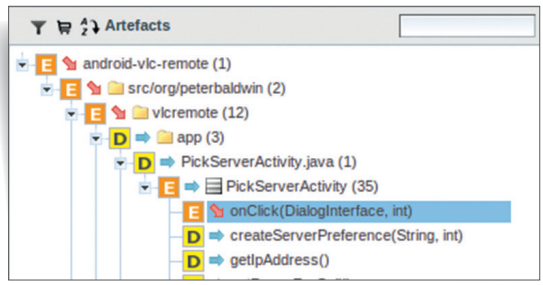


Squore implements SQALE: a standardized method for computing the technical debt

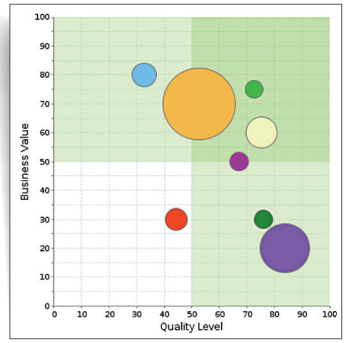
→ **"Out-of-the-box" standardized control points,** metrics and rules using best industry standards, and still customizable to fit in-house practices.

→ **Predefined technical debt analysis models** based on well-known methods and integrating priority criteria: risk, criticality or business value.

→ **Plugins to import data from 3rd party tools** already in use: SonarQube, CheckStyle, Findbugs, JUnit, StyleCop . . .



The Squore drill-down combined with powerful filtering provides intuituve navigation in a large-sized application to spot critical or deteriorated items since previous versions



The Key Performance Indicators (Technical Debt, Business Value . . .) help tracking the respective progress and status of each project

→ **Comprehensive overview of development progress** through key performance indicators and trend analysis: immediate detection of regressions, deviations from plans.

→ **Unrivaled in-depth analysis** where at-risk components are immediately identified, down to the most elementary function or method.

→ **Easy comparison with other similar projects** for an objective and efficient management of your project portfolio.

→ **Enhanced team collaboration** achieved by centralizing all non-complaince data, automating alert notification, and sharing "to-do" lists.

→ **Automatic and continuous generation of actions plans** to manage and mitigate technical debt.

Already available

Languages › Ada / C / C++ / C# / Java / Cobol / PL/SQL / Python / ABAP / PHP . . .
Plugins for data importation › SonarQube, Findbugs, CheckStyle, PMD, JUnit, FXCop, StyleCop, Klocwork, Understand, C/C++test, Coverity, Polyspace, Logiscope, JaCoCo . . .
Integrations › Eclipse, Jenkins, CruiseControl, ClearCase, Synergy, Git, Svn, MKS . . .
Platforms › Windows, Linux.