SummaryDocument

Linter: a tool for finding bugs and potential problems in scala code

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Approach and Motivation:
Linter is designed to provide a tool for finding potential bugs and problems in Scala code.
Scala is a powerful programming language that combines functional and object-oriented programming paradigms. However, it also has some features that can be tricky to use correctly, leading to subtle bugs and errors that can be difficult to track down.
Linter was developed to help developers identify and fix these types of issues early on in the development process.

Aim of the tool and the novelty:

The aim of the tool is to identify potential bugs and issues in Scala code: Linter analyzes Scala code and checks it against a set of predefined rules to identify potential issues, such as unused variables or methods, type errors, and other common programming mistakes.

How the tool was validated:

According to the paper, Linter was validated through a combination of manual testing and automated testing using a set of sample Scala projects.