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summery Cink (1) Defection on code to Improve Kett Kothin compiler Author :- Timofey Bryksin from jetbrains Research saint Peterburg state University and etc. Date: 29-06-2020 Anomaly defection we apply for Source code and bytecode to facilitate development of a programming Language and its compiler. We define anomaly as a code gragment that is different from typical col written in a particular programming Language - Code tragments is beneficial for both Language developers and end users-Anomalies may indicate potentia issues with the compiler or with runtime performance. Anomalies could corresponding to problems in design Language. For thise Study, they choose Koklin as

An Empricial study of method Author: Tomoki Nakamaru from Graduate school of Information Science and Technology, the University of Tokyo and etc. Date: 29-06-2020 Some promote method chairing as a good practice for improving Lode readability, others refer to it as a bad practice that worsens code quality. In this paper, they birst investigate whether method chaining is a programmers for the answer this question, they collected 2,814 Java repositories on Gifflub and analyzed hisitorical on trends in the frequency of method chaining The results of their analysis vevealed the increasing use of method chaining; 23:1% of method invocations were part of

method chains in 2018, where as only 16.0% were such invoca then they explore atures that are have not been supported this our they cand 1 inspec are randomly samp the collected repositories. They also estimated how effective they encourage they met chaining style if they

Summary 3 Link (4) On the Prevalence, Impact, and Evolution of SOL code smells in Author: Alessandro Garcia, Biruk Asmare Muse and Masud Rahman -Date: 29-06-2020 Code smells means software designing problems thatisharmful for software quality. In this paper, they conduct an empirical study to investigate the prevalence and evolution of sol Lode smells in open source data intensive systems. They collected 150 projects and examined both traditional and soli code samells in these projects. There investigator delivers several important findings. First SOL code Smells are indeed prevalent in dataintensive software systems - Second, SOL code smells have a weak co-occurrence with traditional code Smells-Third SOL code smells have a weaker association with bugs than that of traditional code

Smells. Fourth sol code smells are more likely to be introduced at the beginning of the project life time and likely to be Left in the code without a fix, compared to traditional code smells - Overalls there results show that SOL codo Smells are indeed prevalent and persistent in the studied data. intensive software systems. Developers should be aware of these smells and consider detectory and rejection SOL code smells and traditional code smells separately, using dedicated tools.