EgyCD Visualization for Code Clones

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Authors:
Ali El-Matarawy, Mohammad El-Ramly, Reem Bahgat

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Abstract

This research presents a new visualization for code clones using EgyCD code clone detector which is based on sequential pattern mining. EgyCD presents a new graph design in which no lines has been drawn, this simplify the graph, no need for the lines since the main objective is to ease the manual management. EgyCD is independent in its visualization in which no graph tools are required for visualizing its code clones, finally supports a very nice way to ease the manual code clone management by the user.

References


2. Z. Ming Jiang, "Visualizing and Understanding Code Duplication in Large Software Systems", A thesis presented to the University of Waterloo in fulfillment of the thesis
requirement for the degree of Master of Mathematics in Computer Science Waterloo, Ontario, Canada, 2006.


Index Terms

Computer Science  Applied Sciences

Keywords

Code clones, visualization, data mining, clone class, clone pairs, sequential pattern mining.