Abstract

Internet has stored large amount of data, information [30] or source code. In this large amount of data or source code it is very difficult and time consuming task to find out the similarity or plagiarism in the source code, research publications in academic. [1] In this paper here we describe the some of the techniques and algorithms for how to find out the plagiarisms in source code. So in large organization or academic institute can easily find out the plagiarism in source code and research publications using this technique. We also differentiate all the techniques of plagiarism for find out how can one technique is differing then the other as well.

References

- Saul Schleimer, Daniel S. Wilkerson, Alex Aiken, June 2003, "Winnowing: Local
Algorithms for Document Fingerprinting”, SIGMOD 2003, ACM 1-58113-634-X/03/06
- Jplag tool site URL: http://jplag.ipd.kit.edu
- PLAG tool demonstration image are taken from this URL: http://www.ics.heacademy.ac.uk/resources/assessment/plagiarism/demo_jplag.html
- DickGrune website regarding to similarity measure URL: http://www.dickgrune.com/Programs/similarity_tester/
- Figure 5 is taken from this URL: https://moodle.org/pluginfile.php/50/local_plugins/plugin_screenshots/513/screen1.png
- Figure 6 is taken from this URL: https://moodle.org/pluginfile.php/50/local_plugins/plugin_screenshots/513/screen2.png
- Figure 7 is taken from this URL: https://moodle.org/pluginfile.php/50/local_plugins/plugin_screenshots/513/screen3.png
- Enrique Flores, Alberto Barr on-Cede no, Paolo Rosso, Lidia Moreno, June 2012, DeSoCoRe: Detecting Source Code Re-Use across Programming Languages, NAACL-HLT 2012
- Dong-Kyu Chae, Jiwoon Ha, Sang-Wook Kim, BooJoong Kang, Eul Gyu Lm, Nov 2013, Software Plagiarism Detection A Graph-based Approach, ACM 978-1-4503-2263-8/13/10
- Yingnong Dang, Song Ge, Ray Huang and Dongmei Zhang, May 2011, Code Clone Detection Experience at Microsoft, ACM 978-1-4503-0588-4/11/05
- Mike Joy and Michael Luck, May 1999, Plagiarism in Programming Assignments, IEEE transactions on education, VOL. 42, NO. 2
- A. Bugarin, M. Carreira, M. Lama, X. M. Pardo, Plagiarism detection using software tools: a study in a Computer Science degree
- Xin Chen, Brent Francia, Ming Li, Brian McKinnon, and Amit Seker, Jul 2004, Shared Information and Program Plagiarism Detection, IEEE transactions on information theory, vol. 50, no. 7
- Zoran Djuric, Dragan Gasevic, A Source Code Similarity System for Plagiarism Detection;
- Enrique Flores, Alberto Barr´on-Cedeno, Paolo Rosso and Lidia Moreno, 2011, "Detecting source code reuse across programming languages"; FloresEtAl_SEPLN11
- Akhil Gupta, Dr. Sukhvir Singh, Aug 2013, "Lexical Analysis For The Measurement of Conceptual Duplicity Between C Program"; Ijraset, Vol. 1 Issue I, ISSN: 2321-9653
- N. haritha, M. bhavani, K. Thammi Reddy, July 2011, "c code plagiarism detection system"; International Journal of Science and Advanced Technology, ISSN No:- 2221-8386, Volume 1, No 5
- Tapan P. Gondaliya, Dr. Hiren D. Joshi, June 2014, "Big Data challenges and Hadoop as one of the solution of big data with its Modules"; IJSER, ISSN 2229-5518, Volume 5, Issue 6, June-2014

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