ABSTRACT

Software clones are identical or similar pieces of code. They are often the result of copy-and-paste activities as ad-hoc code reuse by programmers. Software clones research is of high relevance for the industry. Many researchers have reported high rates of code cloning in both industrial and open-source systems.

In this workshop we will explore lines of research that evaluate code clone detection methods, reason about ways to remove clones, assess the effect of clones on maintainability, track clones’ evolution, and investigate the root causes of clones.

Categories and Subject Descriptors
D.2.m [Software Engineering]: Miscellaneous—code clones;
D.2.7 [Software Engineering]: Distribution, Maintenance, and Enhancement; D.2.8 [Software Engineering]: Metrics

General Terms
Measurement

Keywords
Code clone detection, software clone, software maintenance

Introduction

Beginning in 2002, the first edition of the International Workshop on Detection of Software Clones, this community has started to form itself and to find ways to meet and collaborate.

In November 2003, the Second International Workshop on Software Clones held in conjunction with WCRE 2003 saw a broadening of its scope and participant background.

Six years later, in March 2009, the number of participants of the Third International Workshop on Software Clones (held in conjunction with CSMR 2009) confirmed the interest the code clone research attracts.
Workshop Format
The workshop will cover one day of presentations and discussions.
During the workshop, there will be four sessions. Each session will have full and position paper presentations followed by discussion.

Workshop Organization
Workshop co-organizers
- Katsuro Inoue, Osaka University, Japan
- James R. Cordy, Queen’s University, Canada
- Stanislaw Jarzabek, National University of Singapore
- Rainer Koschke, University of Bremen, Germany

Program Committee
- Andrew Walenstein (University of Louisiana at Lafayette)
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- Miryung Kim (University of Texas at Austin)
- Rainer Koschke (University of Bremen)
- Stanislaw Jarzabek (National University of Singapore)
- Toshihiro Kamiya (AIST)
- Xing Zhenchang (National University of Singapore)

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Accepted Papers

Full Papers

Position Papers