Abstract

To generate realistic test data is a challenging for software testers. Realistic test data generation for certain input type is hard to automate and therefore laborious. So in this paper, string inputs will be used from the internet by performing web queries based on the key identifiers appearing in the source code of the program under test. The resultant URLs will be generated, tokenised and the collected regular expressions are matched with the text and get valid string values.
- Mark Harman, Phil McMinn, Jereson Teixeira de Souza, and Shin Yoo, "Search Based Software Engineering: Techniques, Taxonomy, Tutorial

**Index Terms**

Computer Science  
Web Services

**Keywords**

String inputs  
Valid inputs  
Web queries  
Regular expressions  
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