In order to increase the frequency of software releases and to improve their quality, continuous integration (CI) systems became widely used in recent years. Unfortunately, it is not easy to evaluate the performance of a software release in such systems. One of the main reasons for this difficulty is often the lack of a test environment that is comparable to a production system. Performance models can help in this scenario by eliminating the need for a production-sized environment. Building upon these capabilities of performance models, we have introduced a model-based performance change detection process for continuous delivery pipelines in a previous work. This work presents an implementation of the process as plug-in for the CI system Jenkins.

Intellectual Contribution: Discipline-based Research

Kongress-/ Buchtitel: 1st International Workshop on Quality-aware DevOps (QUDOS 2015)

Kongress / Zusatzinformationen: Bergamo, Italy
Jahr: 2015
Monat: Sep
Key publication: Nein
Peer reviewed: Ja
International: Nein
Book review: Nein
commissioned: not commissioned
Professional: Nein
Interdisziplinarität: Ja

Occurences:
- Einrichtungen > Fakultäten > Fakultät für Informatik > Lehrstühle der Informatik > Informatik 17 - Lehrstuhl für Wirtschaftsinformatik (Prof. Krcmar) > Konferenzbeiträge

entries: