

An Investigation of Cloning in Web Applications

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Overview: Cloning (ad hoc reuse by copy-paste-modify) adversely affect maintainability of software. Cloning has been a known problem in traditional software. How big a problem is it in Web engineering? We investigate this issue in our study.

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- · Our results confirm potential benefits of reuse-based methods in Web engineering.
- A framework of metrics and presentation views that we defined and applied in our study may be useful in other similar studies.

What are clones? We define clones as similar text fragments (similar classes, functions, markup segments, text descriptions, etc.)



