

Supporting requirements update during software evolution

Jia Nie, Hongyu Kuang, and Hao Hu,

Abstract—Outdated requirements detection is an emerging technology [1], for automatically identifying the requirements that are no longer aligned with stakeholders’ needs. The technology reduces the effort required to maintain the requirements specification and thus encourage maintainers to keep the specification up-to-date when a software system evolves.

Current detection techniques work by extracting a set of keywords from source code changes, and then tracing these keywords to the requirements using an Information Retrieval (IR) based approach. [2]

Index Terms—Requirements update, requirements evolution, traceability.

ACKNOWLEDGMENT

REFERENCES

- [1] E. Ben Charrada, A. Koziolk, and M. Glinz, “Supporting requirements update during software evolution,” *Journal of Software: Evolution and Process*, vol. 27, no. 3, pp. 166–194, 2015.
- [2] T. C. Lethbridge, J. Singer, and A. Forward, “How software engineers use documentation: The state of the practice,” *Software, IEEE*, vol. 20, no. 6, pp. 35–39, 2003.

I. INTRODUCTION

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This paper is organised as follows:

II. OUR APPROACH

III. EVALUATION

IV. RELATED WORK

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A. Subsection Heading Here

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zhen bushi dongxi

1) niejia

2) wangqi

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V. CONCLUSION

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APPENDIX A

PROOF OF THE FIRST ZONKLAR EQUATION

Appendix one text goes here.

APPENDIX B

Appendix two text goes here.