Keynotes

One Letter Matters—Methods and Tools for Improving Software Understanding

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It is not an exception that today’s software has source code with more than million lines and it is written by dozens of developers in multiple software languages. Therefore, it is far beyond the capabilities of a developer to understand in-depth the complete source code of a complex software system. New methods and tools are essential when we try to cope with the problem of source code understanding. We will present our experience from the research and development of such methods and tools, including source code presentation, language patterns, source code annotation, and team communication.

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