Expert programming knowledge: a schema-based approach.

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Psychology of Programming

Chapter 3.1 - Expert Programming Knowledge: A Schema-based Approach

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https://doi.org/10.1016/B978-0-12-350772-3.50018-5

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Abstract

The topic of this chapter is the role of expert programming knowledge in comprehension. In the 'schema-based approach', the role of semantic structures is emphasized whereas, in the 'control-flow approach', the role of syntactic structures is emphasized. Data that support schema-based models of understanding are presented. Data that are more consistent with the 'control-flow approach' suggest limitations of the former kind of models.

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