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Domain-specific Distance Measures

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Abstract A lot of research was invested in the last decade to develop differencing methods for models to identify the changes performed between two model versions. A difference model captures these changes. However, less attention was paid to distance computations of model versions. While different versions of a model may have a similar amount of differences, the distance to a base model may be drastically different. Therefore, we present in this paper distance metrics for models, a method to automatically generate tool support for computing distance measures and show the benefits of distance measures over differences in searching for model evolution explanations. The results of running different experiments show...

Keywords Three; Keywords.

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