Me present BRIDGE, a powerful sequential architecture for modeling dependencies between natural language questions and relational databases in cross-DB semantic parsing. BRIDGE represents the question and DB schema in a tagged sequence where a subset of the fields are augmented with cell values mentioned in the question. The hybrid sequence is encoded by BERT with minimal subsequent layers and the text-DB   Indicates the content of the present sequence of the fields are augmented with cell values mentioned in the language questions and relational databases in cross-DB semantic parsing BRIDGE represents the question and the text-DB   Indicates the content of the present sequence of the fields are augmented with cell values mentioned in the language questions and relational databases in cross-DB semantic parsing BRIDGE represents the question and the content of the present sequence is encoded by BERT with minimal subsequent layers and the text-DB   Indicates the content of the present sequence is encoded by BERT with minimal subsequent layers and the text-DB   Indicates the content of the present sequence is encoded by BERT with minimal subsequent layers and the text-DB   Indicates the content of the present sequence is encoded by BERT with minimal subsequent layers and the text-DB   Indicates the content of the present sequence is encoded by BERT with minimal subsequent layers and the text-DB   Indicates the present sequence is encoded by BERT with minimal subsequent layers and the text-DB   Indicates the present sequence is encoded by BERT with minimal subsequent layers and the text-DB   Indicates the present sequence is encoded by BERT with minimal subsequent layers and the text-DB   Indicates the present sequence is encoded by BERT with minimal subsequent layers and the text-DB   Indicates the present sequence is encoded by BERT with minimal subsequent layers and the text-DB   Indicates the present sequence is encoded by BERT with minimal subsequent layers and the text-DB   Indicates the present sequence is	ecision id	doc_2		doc_1	
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abstract    Contextualization is realized via the fine-tuned deep attention in BERT. Combined with a pointer-generator decoder with schema-consistency driven search space pruning, BRIDGE attained state-of-the-art performance on popular cross-DB text-to-SQL benchmarks, Spider (71.1% dev, 67.5% test with ensemble model) and WikiSQL (92.6% dev, 91.9% test). Our analysis shows that BRIDGE effectively captures the desired cross-modal dependencies and has the potential to generalize to more text-DB related tasks. Our implementation is available at .    Versions		Inguage questions and relational databases in cross-DB semantic parsing. BRIDGE represents the question and DB schema in a tagged sequence where a subset of the fields are augmented with cell values mentioned the question. The hybrid sequence is encoded by BERT with minimal subsequent layers and the text-DB entextualization is realized via the fine-tuned deep attention in BERT. Combined with a pointer-generator except with schema-consistency driven search space pruning, BRIDGE attained state-of-the-art erformance on popular cross-DB text-to-SQL benchmarks, Spider (71.1\% dev, 67.5\% test with ensemble odel) and WikiSQL (92.6\% dev, 91.9\% test). Our analysis shows that BRIDGE effectively captures the estired cross-modal dependencies and has the potential to generalize to more text-DB related tasks. Our	abstract	question. The hybrid sequence is encoded by BERT with minimal subsequent layers and the text-DB contextualization is realized via the fine-tuned deep attention in BERT. Combined with a pointer-generator decoder with schema-consistency driven search space pruning, BRIDGE attained state-of-the-art performance on popular cross-DB text-to-SQL benchmarks, Spider (71.1% dev, 67.5% test with ensemble model) and WikiSQL (92.6% dev, 91.9% test). Our analysis shows that BRIDGE effectively captures the desired cross-modal dependencies and has the potential to generalize to more text-DB related tasks. Our implementation is available at .	
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