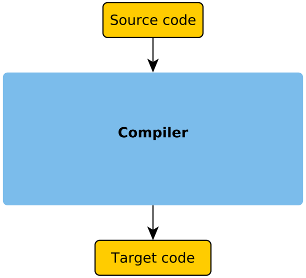
What are Formal Languages and Compilers?

Petr Zemek

Brno University of Technology, Faculty of Information Technology
Božetěchova 2, 612 00 Brno, CZ
http://www.fit.vutbr.cz/∼izemek

Formal Languages and Compilers, 2013

What are Compilers?



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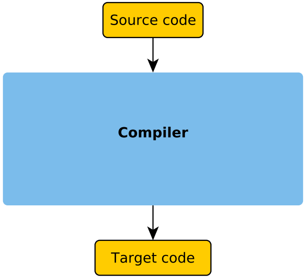

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  - `javac`: `.java` file → `.class` file

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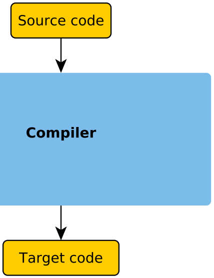

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- typically high-level code → low-level code

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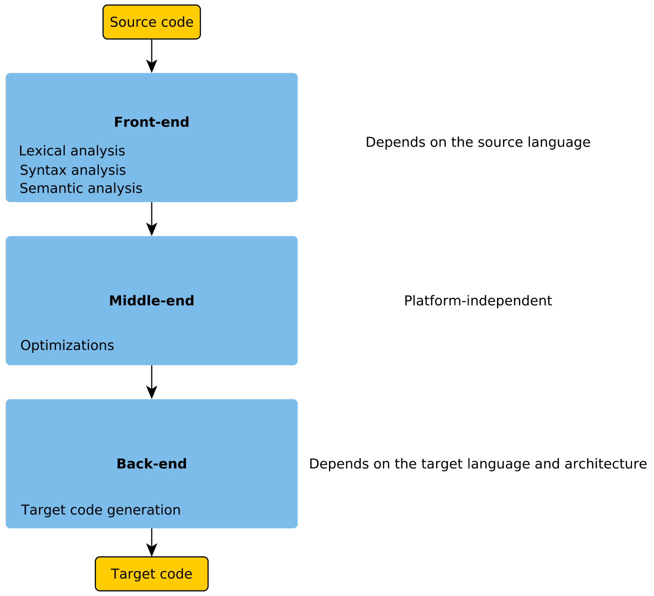

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To build a compiler, we

1. specify our programming language by using formal models
2. turn these models into an implementation of the compiler

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