

Algorithms and Data

Ken Baclawski

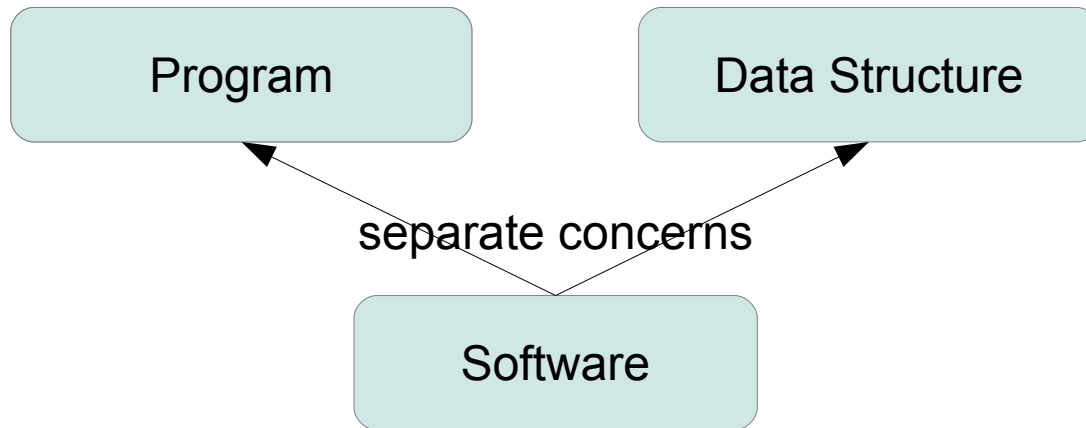
College of Computer and Information Science
Northeastern University

What is software semantics?

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Software

What is software semantics?



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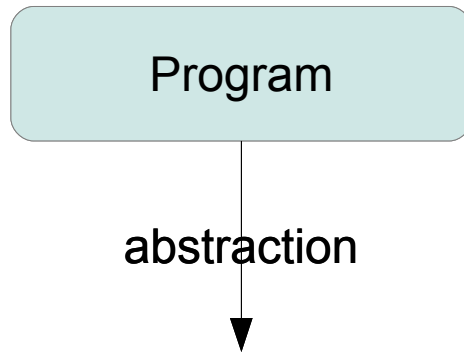
Program

Data Structure

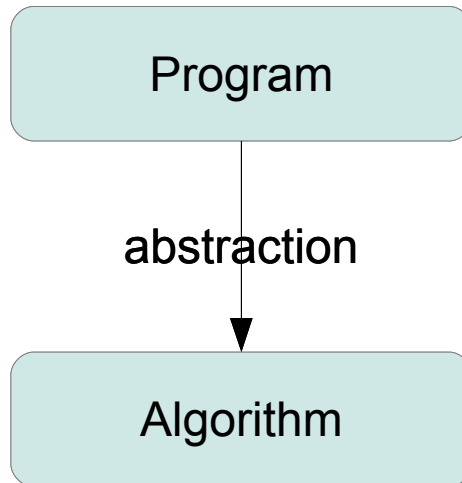
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Program

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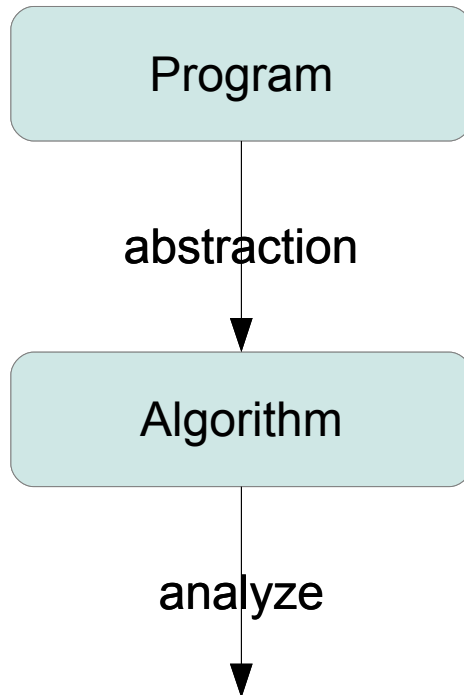


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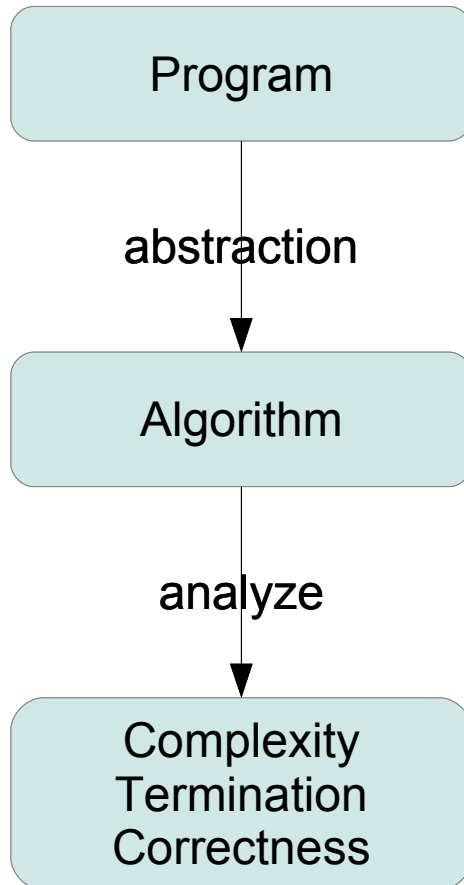


The difference between a program and an algorithm is that an algorithm is a mathematical structure and a program is not. One can prove theorems about an algorithm; one cannot do this for a program.

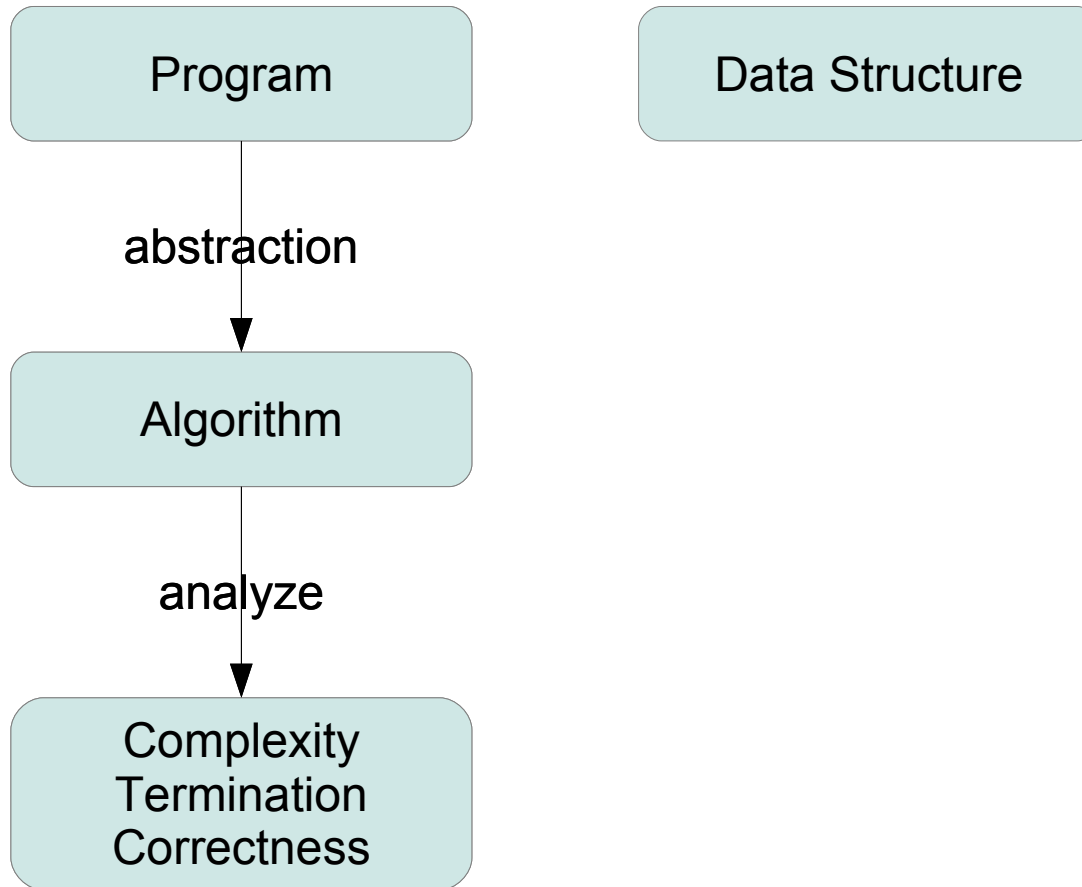
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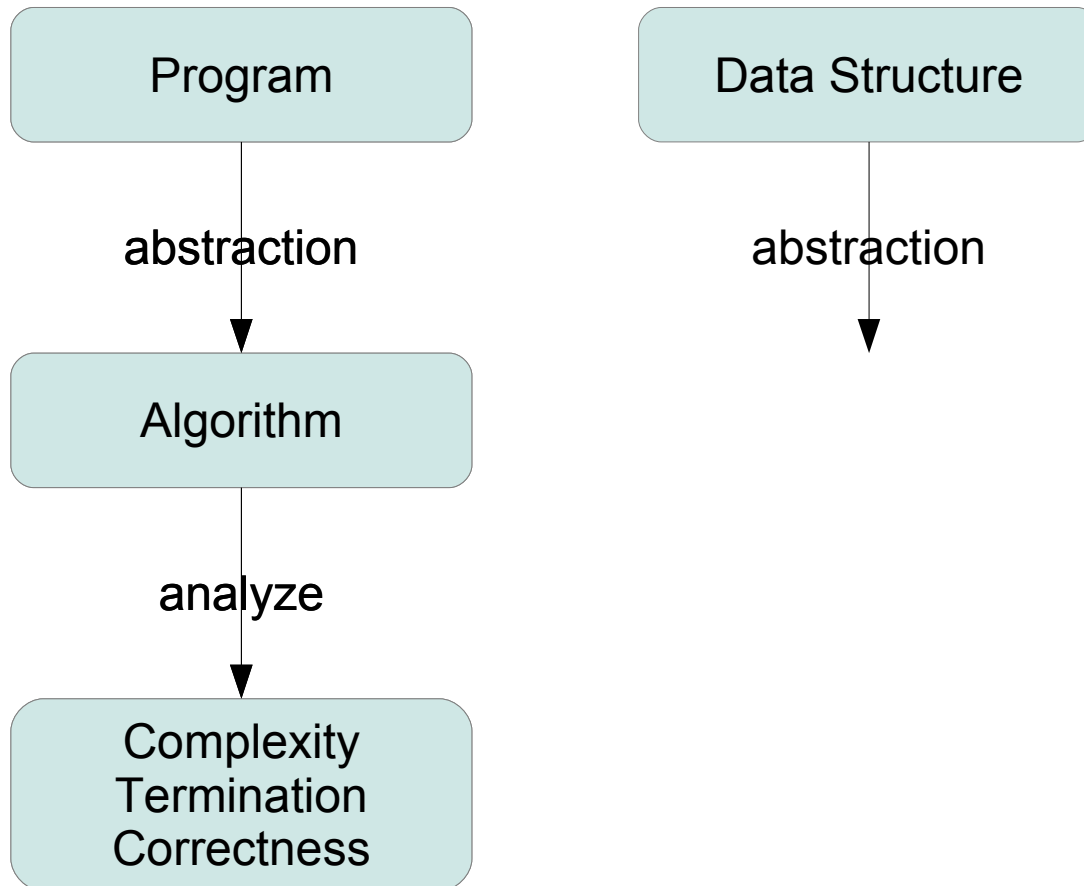
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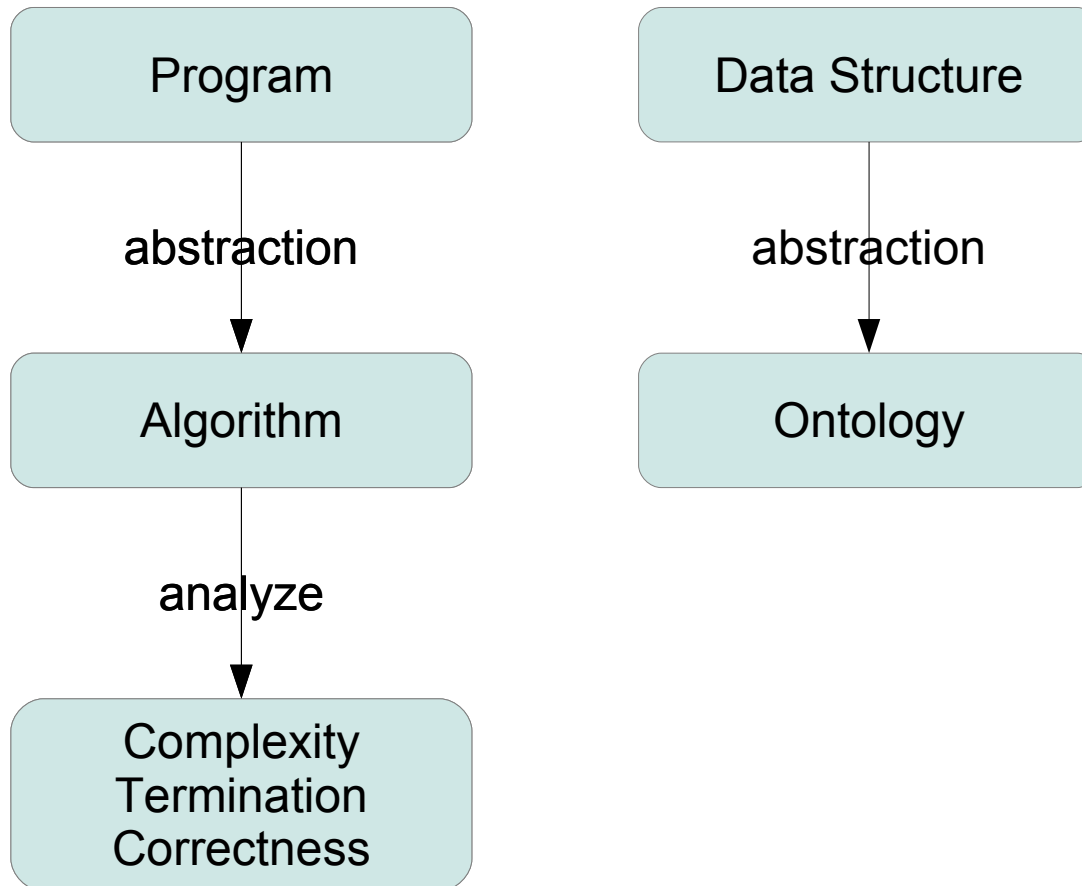
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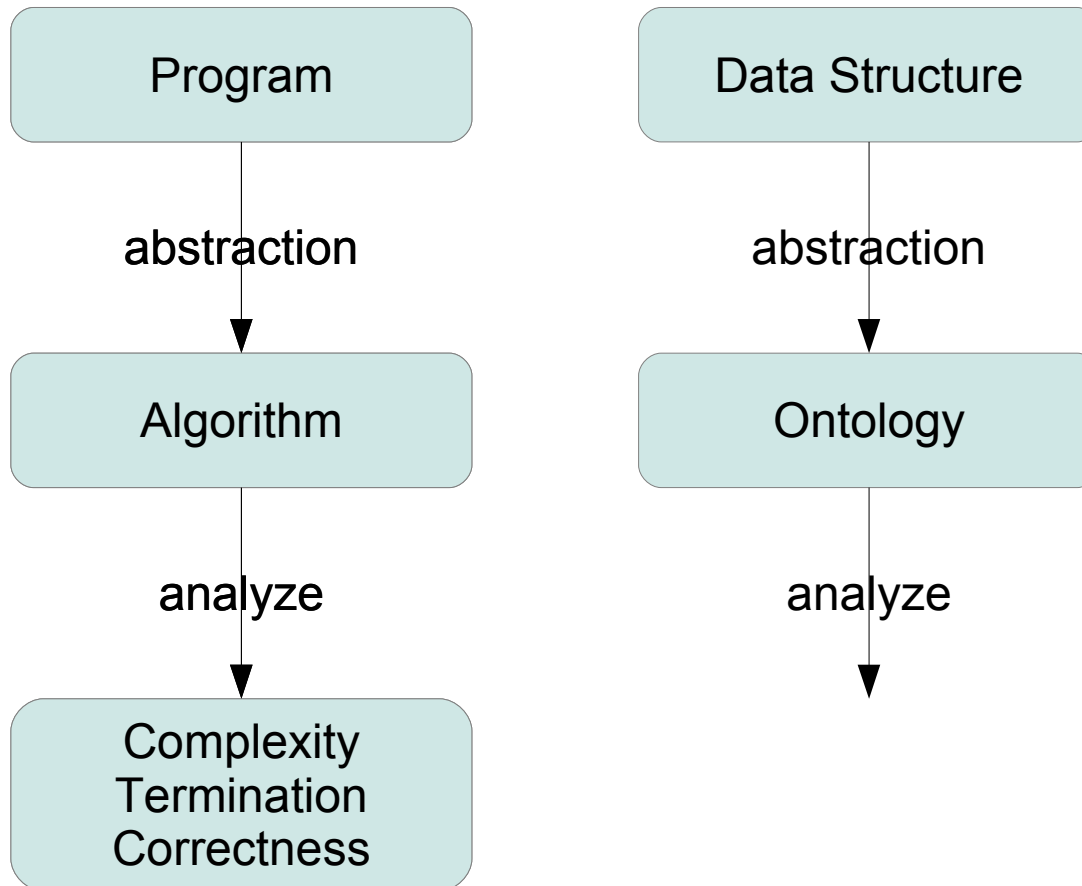
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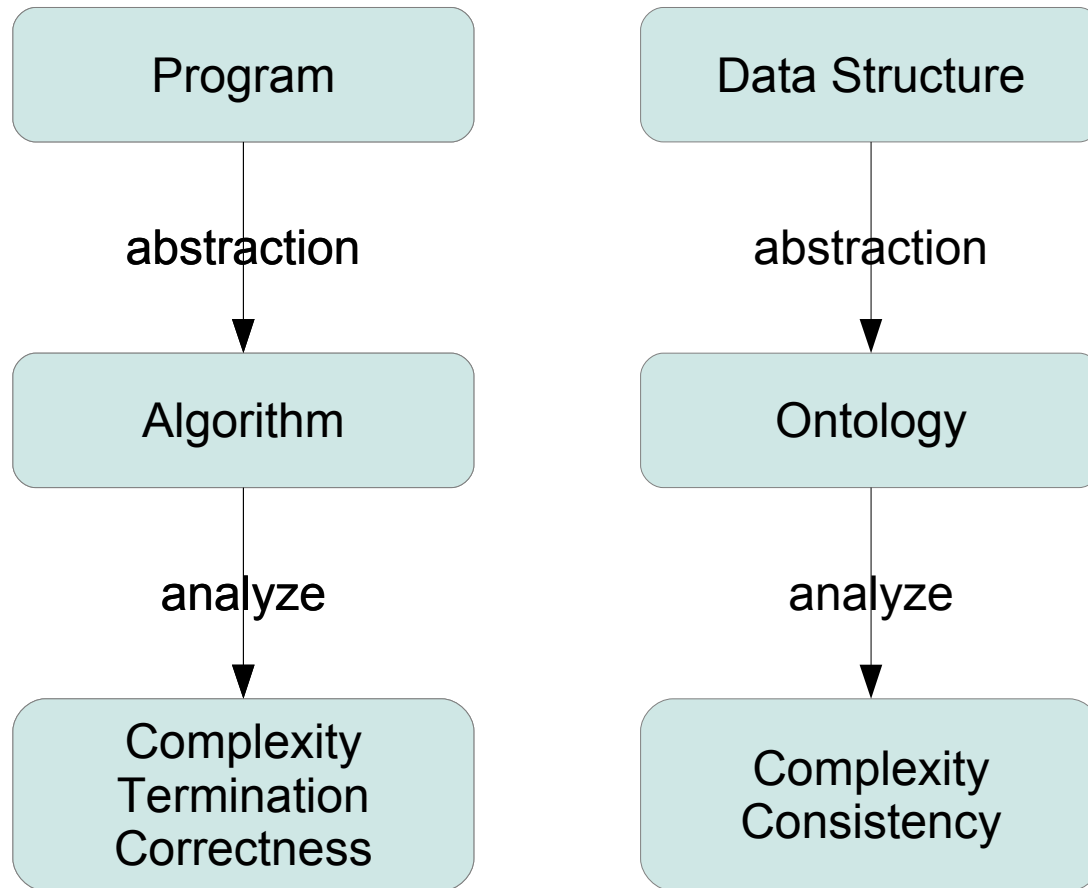
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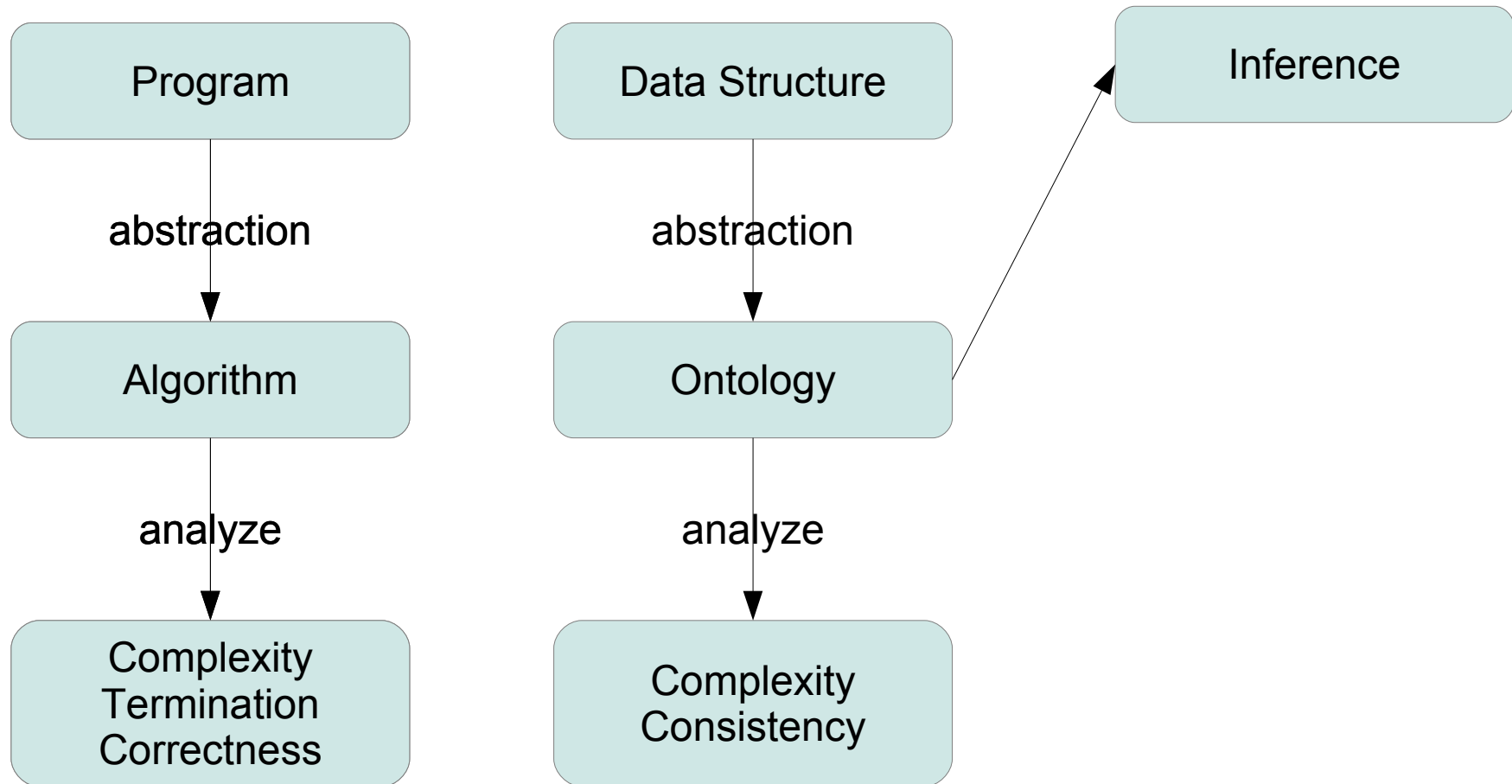
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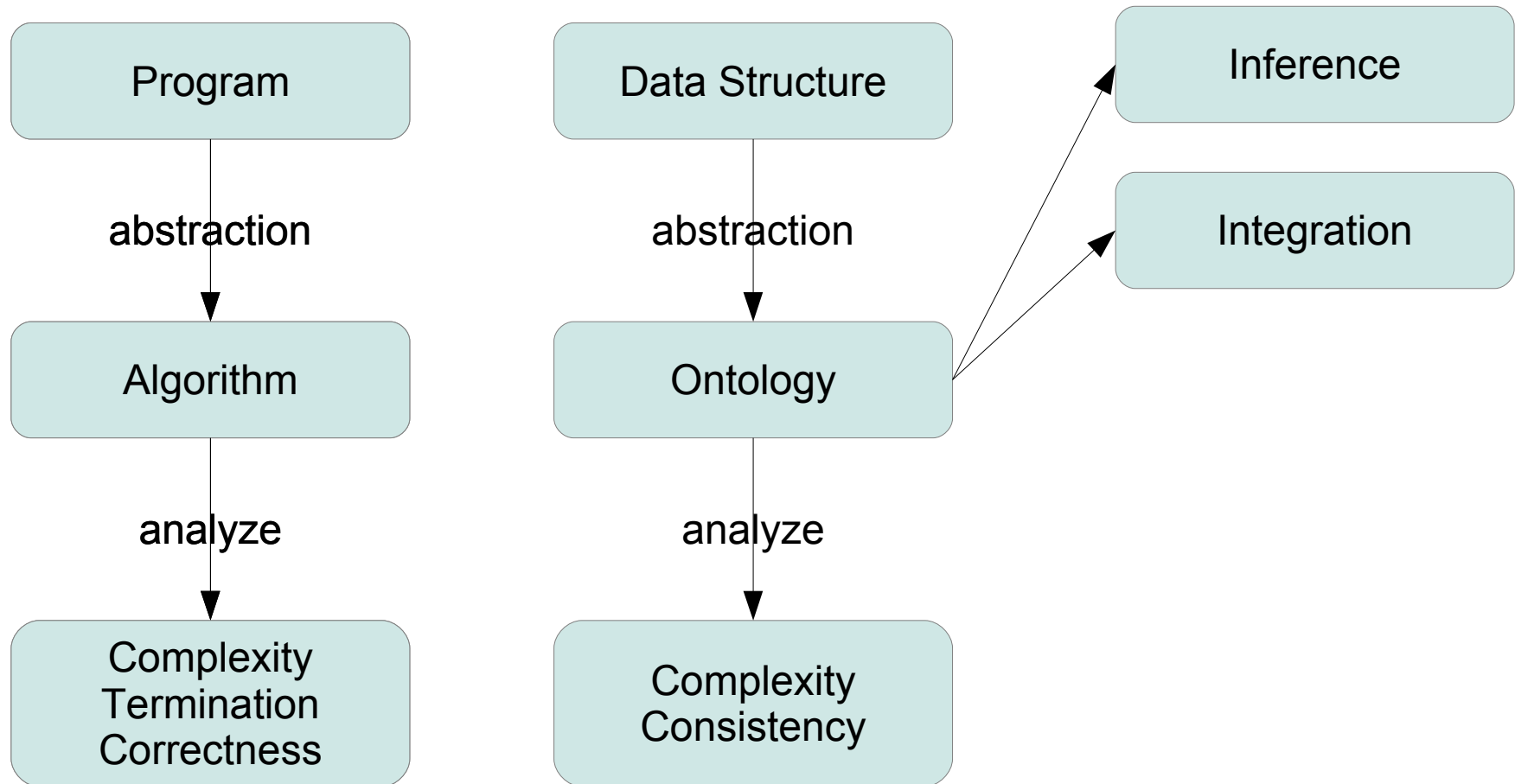
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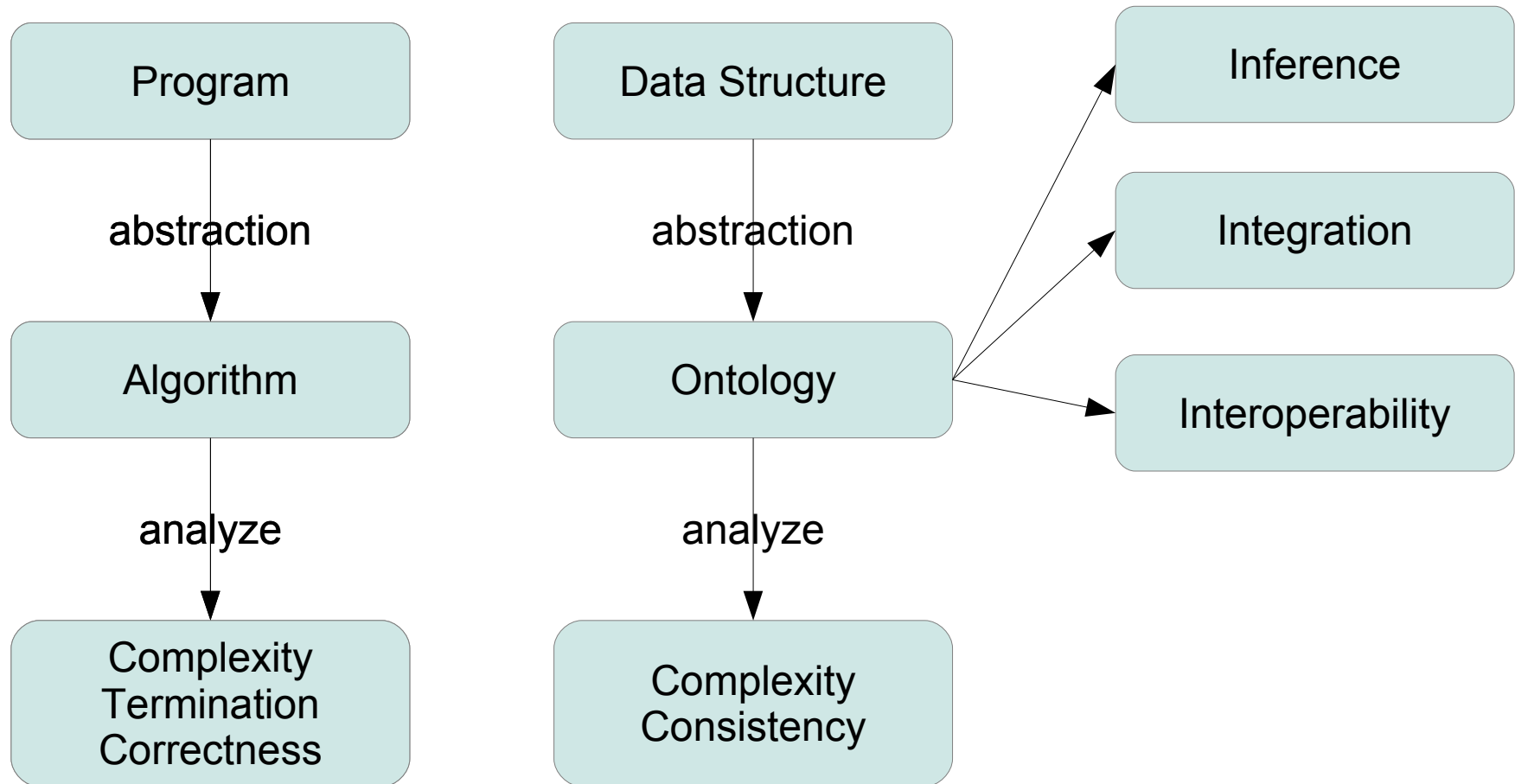
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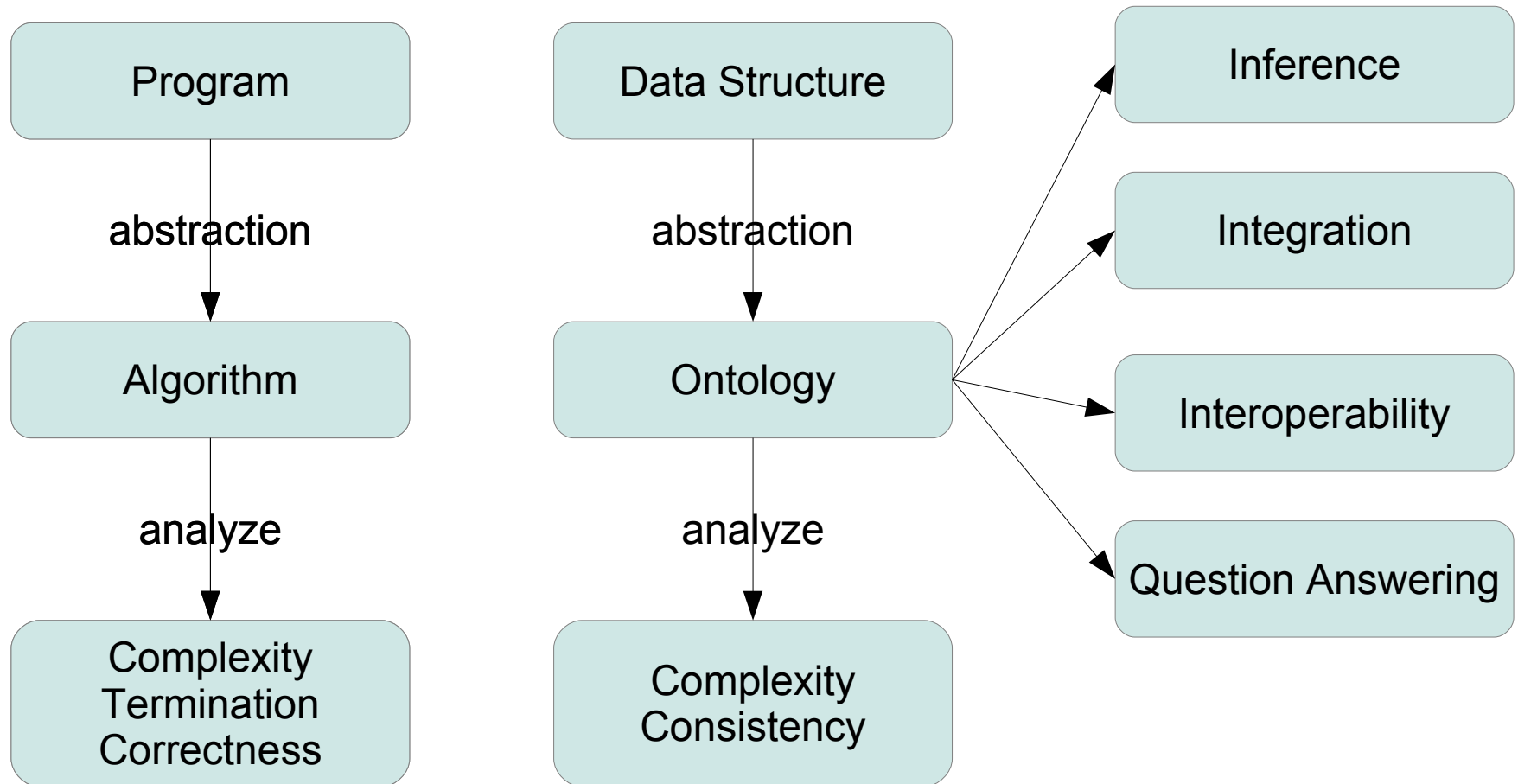
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