

The inside-out rule

Caveat about respecting privacy
 We show a rule for determining which variable declaration a variable reference is associated with. This issue is independent of whether that variable can be accessed.

title references this variable.
 The reference is illegal if title is private.

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The inside-out rule

Inside-out rule:
 To find the declaration corresponding to the use of a variable, look in enclosing scopes, from inside-out, until it is found.
 If not found, the use of the variable is illegal and the program won't compile.

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Inside-out rule for method calls

Inside-out rule:
 Search inside-out for a method with the appropriate signature.

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When outside the scope ...

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