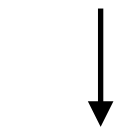


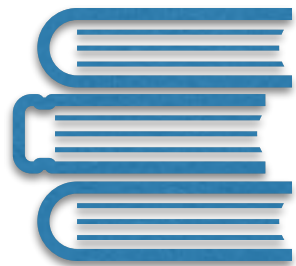
Programming Today



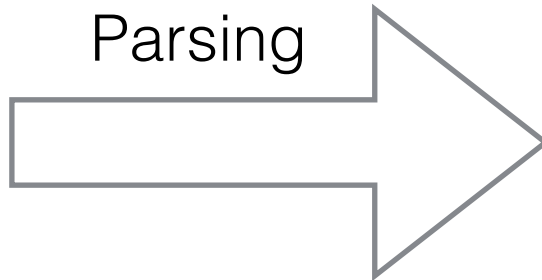
Source code
Storage



Text
Files



Parsing

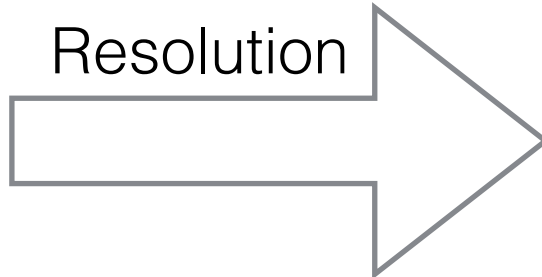


Abstract
Syntax Trees

Names



Name
Resolution

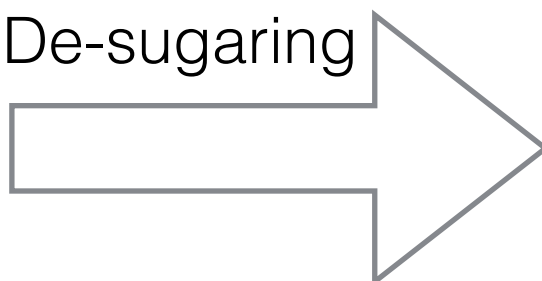


Entities

Syntactic
Sugar



De-sugaring



Plain
Syntax

Go against the grain

Structural
Text UI

Display
Names

Syntactic
Sugar



Projection

Name
Presentation

Sugaring



Abstract
Syntax Trees

Entities

Plain
Syntax