Scala.meta compiler plugin

Mikhail Mutcianko

1. What is Scala metaprogramming?

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- AST transformations
    - Runtime: scala.reflect / scala.meta
    - Compile: scala.experimental.macros / annotations(paradise plugin)

2. Scala.meta

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- Simplified API - magnitude easier than scala.reflect
- Syntax ops only*
- Compiler interop via Paradise plugin

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DEPRECATED

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3. // TODO: rewrite paradise plugin
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- Existing one has been poorly designed
  - ○ ~80% of code - restoring compiler trees
  - ○ Heavily relies on internal scalac API - hard to maintain
- Alternative approach: cut down on compiler interop
  - ○ Parse with meta - no need for tree converter
  - ○ Simplify annotation declarations

7. Requirements

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- Java / Scala
- Compiler / Language design knowledge is a plus

Teh end

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