

1 Overview

- More than simple Html generator!
- Inner Workings
- Model for Scala and Documentation
- Model for Wiki
- Official Info

2 Hacking Scaladoc!

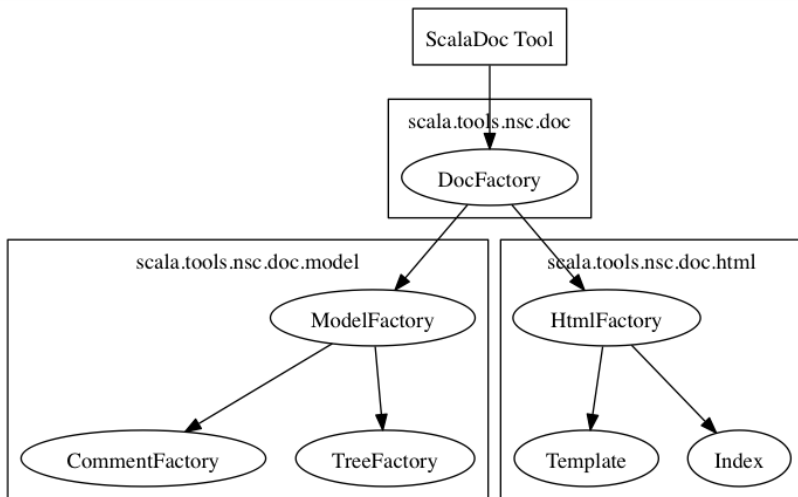
- Begining
- Things to hack

3 Reference

More than simple Html generator

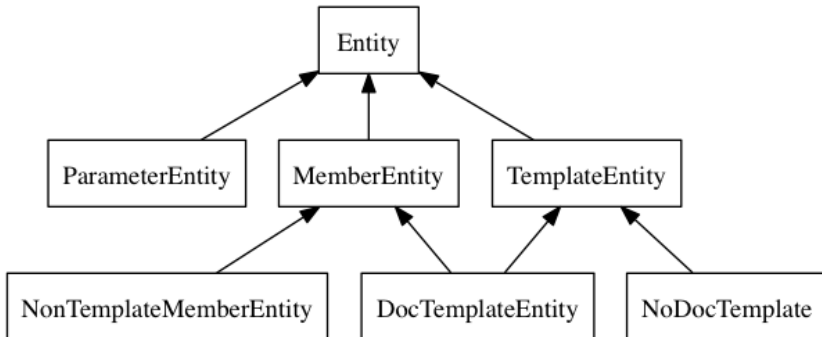
- Generates a representation for
 - the Scala structures (traits, classes, vals etc)
 - Documentation
 - The wiki syntax
- Attachable processors for these (possible already but not finished)

Inner Workings



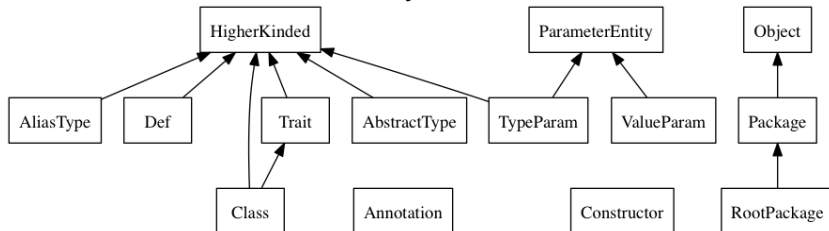
Model for Documentation

scala.tools.nsc.doc.model.Entity.scala:



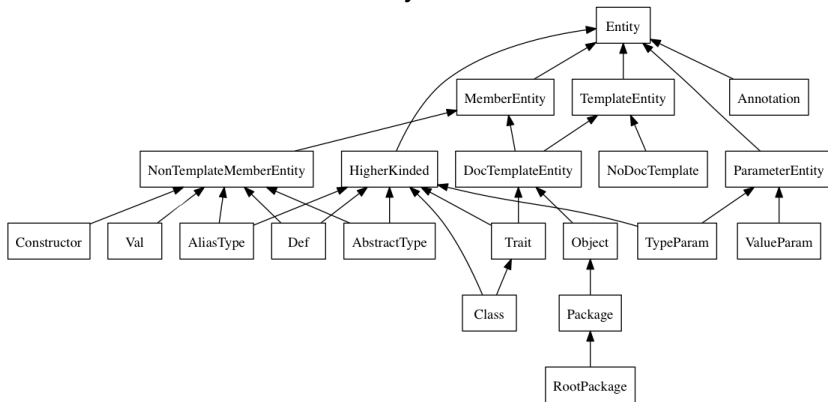
Model for Scala

scala.tools.nsc.doc.model.Entity.scala:



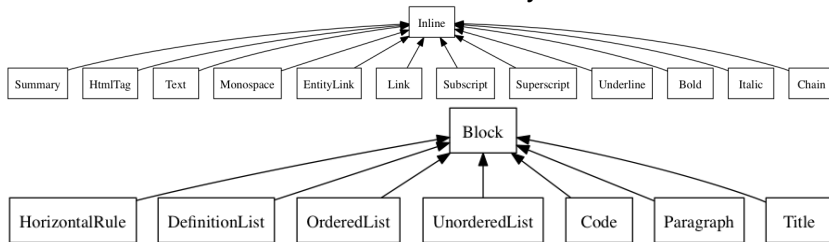
It all together

scala.tools.nsc.doc.model.Entity.scala:



Model for Wiki

scala.tools.nsc.doc.model.comment.Body.scala:



Official Info

- <https://wiki.scala-lang.org/display/SW/Scaladoc>
- The compiler Scaladocs

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Beginning

- Clone <https://github.com/pedrofurla/scalathon-scaladoc>
- Fix `scalathon/scaladoc/package.scala`:
- Look at `scalathon.scaladoc.examples`
 - `Html.scala` - will generate the html docs
 - `ParseComment.scala` - Shows the structure of a parse comments
 - `DotView.scala` - generates a Graphviz file for the classes hierarchy

Things to hack

- Method links
- Context bounds
- Some doclets (like @author) are not working, or implemented at all
- Transform the model into UML
- An index for implicits
- Whatever Html/Javascript magic you want!

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- The compiler Scaladocs -
[http://www.scala-lang.org/node/212/docs/compiler click index.html](http://www.scala-lang.org/node/212/docs/compiler+click+index.html)
- <https://github.com/pedrofurla/scalathon-scaladoc>