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analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt

See <http://members.unine.ch/jacques.savoy/clef/index.html>.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:

analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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The Polish analyzer (stempel) comes with a default stopwords list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt. See <http://project.carrot2.org/license.html>.

The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)

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analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java

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Scala3 Library Bootstrapped 3.1.1-RC1

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The dotty compiler frontend has been developed since November 2012 by Martin Odersky. It is expected and hoped for that the list of contributors to the codebase will grow quickly. Dotty draws inspiration and code from the original Scala compiler "nsc", which is developed at `scala/scala` [1].

The majority of the dotty codebase is new code, with the exception of the components mentioned below. We have for each component tried to come up with a list of the original authors in the `scala/scala` [1] codebase. Apologies if some major authors were omitted by oversight.

`dotty.tools.dotc.ast`: The syntax tree handling is mostly new, but some elements, such as the idea of tree copiers and the `TreeInfo` module, were adopted from `scala/scala` [1]. The original authors of these parts include Martin Odersky, Paul Phillips, Adriaan Moors, and Matthias Zenger.

`dotty.tools.dotc.classpath`: The classpath handling is taken mostly as is from `scala/scala` [1]. The original authors were Grzegorz Kossakowski, Michał Pocięcha, Łukasz Rytz, Jason Zaugg and others.

`dotty.tools.dotc.config`: The configuration components were adapted and extended from `scala/scala` [1]. The original sources were authored by Paul Phillips with contributions from Martin Odersky, Miguel Garcia and others.

`dotty.tools.dotc.core`: The core data structures and operations are mostly new. Some parts (e.g. those dealing with names) were adapted from `scala/scala` [1]. These were originally authored by Martin Odersky, Adriaan Moors, Jason Zaugg, Paul Phillips, Eugene Burmako and others.

`dotty.tools.dotc.core.pickling`: The classfile readers were adapted from the current Scala compiler. Original authors were Martin Odersky, Iulian Dragos, Matthias Zenger and others.

`dotty.tools.dotc.parsing`: The lexical and syntactic analysis components were adapted from the current Scala compiler. They were originally authored by Martin Odersky, Burak Emir, Paul Phillips, Lex Spoon, Sean McDermid and others.

`dotty.tools.dotc.profile`: The per-phase profiling support is taken mostly as is from `scala/scala`. The original author was Mike Skells.

`dotty.tools.dotc.reporting`: Adapted from `scala/scala` [1] with some heavy modifications. They were originally authored by Matthias Zenger, Martin Odersky, and others.

`dotty.tools.dotc typer`: This is new code except for some minor components (e.g. the `ConstantFolder`). It uses however many solution details that have been developed over time by many people, including Jason Zaugg, Adriaan Moors, Łukasz Rytz, Paul Phillips, Grzegorz Kossakowski, and others.

`dotty.tools.dotc.util`: The utilities package is a mix of new and adapted components. The files in `scala/scala` [1] were originally authored by many people, including Paul Phillips, Martin Odersky, Sean McDermid, and others.

`dotty.tools.io`: The I/O support library was adapted from current Scala compiler. Original authors were Paul Phillips and others.

`dotty.test.DottyBytecodeTest`: Is an adaptation of the bytecode testing from `scala/scala` [1]. It has been reworked to fit the needs of dotty. Original authors include: Adrian Moors, Łukasz Rytz, Grzegorz Kossakowski, Paul Phillips.

`dotty.tools.dotc.sbt` and everything in `sbt-bridge`: The sbt compiler phases are based on [2] which attempts to integrate the sbt phases into scalac and is itself based on the compiler bridge in sbt 0.13 [3], but has been heavily adapted and refactored. Original authors were Mark Harrah, Grzegorz Kossakowski, Martin Duhem, Adriaan Moors and others.

`dotty.tools.dotc.plugins`: Adapted from `scala/scala` [1] with some modifications. They were originally authored by Lex Spoon, Som Snytt, Adriaan Moors, Paul Phillips and others.

`dotty.tools.scaladoc`: The Scaladoc documentation utility ships some third-party JavaScript and CSS libraries which are located under `scaladoc/resources/dotty_res/styles/`, `scaladoc/resources/dotty_res/scripts/`, `docs/css/` and `docs/js/`. Please refer to the license header of the concerned files for details.

The Dotty codebase contains parts which are derived from the ScalaPB protobuf library [4], which is under the Apache 2.0 license.

[1] <https://github.com/scala/scala> [2] <https://github.com/adriaanm/scala/tree/sbt-api-consolidate/src/compiler/scala/tools/sbt> [3] <https://github.com/sbt/sbt/tree/0.13/compile/interface/src/main/scala/xsbt> [4] <https://github.com/lampepfl/dotty/pull/5783/files>

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