

SCALA TIPS

1. Start with the '*Programming in Scala*' book, co-written by Martin Odersky, the creator of the language. Make sure it's the [4th edition](#), which covers Scala 2.13. The book is really worth reading, as it thoroughly explains all the features and all the ways you can write a line in Scala. It can take a long time to read the whole thing, but you can do other stuff in the meantime.
2. Get familiar with testing frameworks ([ScalaTest](#), [ScalaCheck](#), maybe [ZIO Test](#)) and [SBT](#) basics.
3. Watch the '*7 sins of a Scala beginner*' by our former-colleague @kubukoz <https://www.youtube.com/watch?v=Z2YzCzfUNNk>
4. After you have got to know the language and spent a good amount of time writing small programs in it, it would be a good idea to learn Akka (at least the basics and the problems of concurrent programs it helps solve) - just use the official documentation on <https://doc.akka.io/docs/akka/current/scala.html>
5. For real life applications, you'll probably need to know some persistence framework. [Slick](#) and [Doobie](#) are popular choices for SQL. And again - the official docs will do just fine.
6. If you want to educate yourself in functional programming, you'll find '*Functional Programming in Scala*' (the Red Book) and '*Book of Monads*' both of which explain the general concepts from the ground up.
7. For specific libraries, there's '*Functional Programming for Mortals*' which covers Scalaz and '*Scala with Cats*' about ... yes, you guessed it. Other than that, the documentation for [Cats](#), [Scalaz](#) and [ZIO](#) is a good source of information.
8. The '*Functional Programming Principles in Scala*' course on Coursera might be worth pursuing. There are also other courses specialising in Scala <https://www.coursera.org/specializations/scala>
9. Last but not least, follow and read some good functional programming / scala blogs. An up-to-date list of some of them can be found here: <https://medium.com/@FunctionalWorks/the-best-functional-programming-blogs-49303cc701b5> - it also includes our blog (<https://blog.scalac.io>)