

2022 Project List



And focus on 1st quarter

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Disclaimer

- This is the first time we try this exercise, the result might not be perfect, and we are looking for your feedback to improve our process for the next time!
- Goal of the presentation: you have a clear idea of the impact the Scala Center wants to make in 2022, and what results it will produce in Q1 to this effect.

Types of Impact

Boost the adoption of Scala

14.9%

Give a positive image of Scala

7.7%

Onboard newcomers

24.0%

Sustainability & Governance

22.6%

Tooling is robust and seamless

30.9%



Give a positive image of Scala

- Everyone has a positive opinion of Scala
- Everyone wants to try Scala 3
- The Scala ecosystem is dynamic

Give a positive image of Scala, in 2022 Q1

- Share achievements and engage the community on our projects with weekly publications on LinkedIn
- Publish 2 videos highlighting great use cases for Scala 3
- Create reusable slides and presentation material for talks at conferences
- Lead the Scala project at Google Summer of Code

Boost the adoption of Scala

- Widen the domains of usage of Scala (science, frontend)
- More teachers use Scala
- More programmers know about Scala

Boost the adoption of Scala, in 2022 Q1

- Create a community of teachers, organize a summit to find solutions to encourage teachers to use Scala
- Write tutorials and guides on how to be productive to do front-end development with Scala(.js)
- Interview several scientists who use Scala to do research work, assess “Scala in science”

Onboard newcomers

- Newcomers know what Scala is good for, and how to solve problems in Scala
- Newcomers quickly get started in Scala
- More programmers learn Scala
- Programmers are happy to write and run programs from within their web browser

Onboard newcomers, in 2022 Q1

- Identify the pain points of newcomers
- Focus content of scala-lang.org website on concrete use cases instead of language features
- Fix the remaining issues for Coursier to be used as the default Scala installation tool, and update the documentation accordingly (SCP-026)
- Communicate about our MOOCs to get more people completing courses in 2022
- Update remaining Coursera MOOCs to Scala 3 (and Spark 3.2)
- Provide an alternative online learning experience (code reviews, 1:1 sessions)
- In Scaladex, show trending libraries by category (like “awesome Scala”, but automated)

Robust and seamless tooling

- A robust infrastructure supports the Scala ecosystem
- Scala just works
- Scala programmers happily debug their programs

Robust and seamless tooling, in 2022 Q1

- Release Metals with most of the top awaited features, and proper Scala 3 support
- Create a bot that sends security alerts on Github projects (like scala-steward, but for cybersecurity vulnerabilities)
- Create a library for manipulating TASTy files (sophisticated tooling could then be built on top of that)
- In Scaladex, show distinct pages for projects and their artifacts
- Document the stable HTTP API of Scaladex that can be leveraged by other tools
- Make sure that Scala 2 compiler reads artifacts compiled with Scala 3 (maintenance)

Sustainability & Governance

- The Scala infrastructure has no technical debt, and is easy to maintain
- Scala users actively contribute to libraries, or to the language
- Everyone knows what the Scala Center does
- Everyone knows about the current trends (Scala version, IDE, etc.)

Sustainability & Governance, in 2022 Q1

- Redesign the Scala Improvement Process
- Publish a 5-year report about the activities of the Scala Center
- Scaladex is reliably working, has fewer bugs, and codebase is simpler (maintenance, and growth of contributors)
- Update Bloop to use the original Zinc instead of a fork (simplified maintenance)
- Train several experienced programmers to mentor new contributors to the Scala 3 compiler
- Create a communication strategy within the Scala Center, to communicate more effectively
- Create a Scala Center shop, to let everyone support the Scala Center