

The Scala Center



Q 4 2020
Direction Report

Thank you for your participation and support

- COVID-19 changed the world as we knew it
- Global insecurity: social, ecological, political, economical
- Each and every person is touched and is rethinking “basics”

- Your presence means a lot to us, as an organisation, as a team, and as individuals
- It gives us hope and purpose, it keeps us going

Thank you!

Thank you for your participation and support

- All AB members were helpful hands-on
 - OS contributions
 - Video project
 - Testing migration
 - Testing course
 - Promoting
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- *Your presence means a lot to us, as an organisation, as a team, and as individuals*
 - *It gives us hope and purpose, it keeps us going*

Thank you!

Please keep it up!

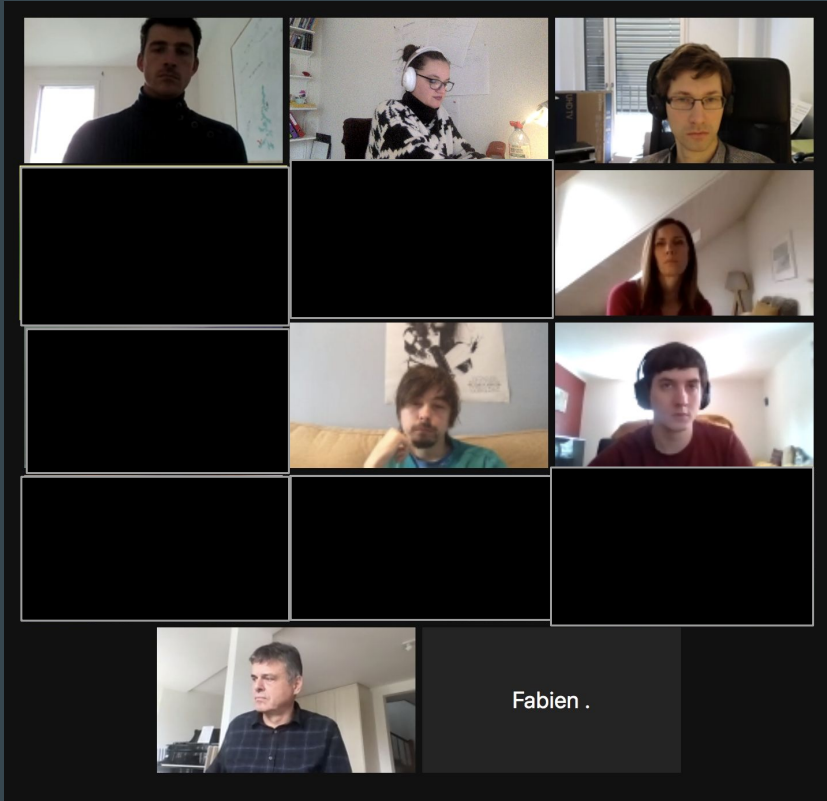
- Keep being our ambassadors
 - Continue expanding collaboration with us
 - Test & contribute to our Migration guide
 - 1:1 meetings with me in soonish
 - New AB members in the second half of the year, need references
 - Send in AB proposals
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- *Your presence means a lot to us, as an organisation, as a team, and as individuals*
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Thank you!

Summary

- 1) Achievements in 2020 (general)
- 2) Where are we now and what is you can expect?
- 3) Financial report

Team(s) in 2020



- 5 new team members
- 5 external contractors
- 1 intern
- 2 students
- 20+ external collaborators

Projects in 2020

	A	C
1	Project Title	Origin
2	Scaladex	Founding project of the SC
3	Scala Native for Spark	SCP-001: Native Execution of Scala/Spark via LLVM
4	Spores	SCP-006: Compile Time Check of Serializability
5	Scastie	OlegYch, taken over as founding project of the SC
6	scalajs-bundler	SCP-005: Ensurance of continuity of Scala.js project
7	ScalaFix	Ólafur Geirsson
8	Scala 2.13 Collections	SCP-007: Collaborative redesign and implementation of Scala 2.13's collections library.
9	Websites (doc especially)	SCP-008: Maintain scala-lang, docs.scala-lang, scala.epfl.ch websites
10	scalameta	Eugene Burmako, taken over with Ólafur Geirsson
11	Classpath shrinker	SCP-009: Improve user experience for builds that use only direct dependencies
12	Compiler profiling	SCP-010: Providing Better Compilation Performance Information
13	scalamacros	SCP-014: Production ready scalamacros/scalamacros
14	Ecosystem sbt upgrade to 1.x	SCP-013: Aid the ecosystem in upgrading to sbt 1.0.x
15	Metals	Ólaf and Gabriele Petronella
16	bloop	Jorge Vicente Cantero and Martin Duhem
17	Accessible Scala	SCP-016: Accessible Scala
18	coursier	Alexandre Archambault
19	Scala.js	Sébastien Doeraene
20	TASTy Reader in scalac	SCP-018: Converging the Intermediate Representation of Scala 2.14 and Scala 3.0
21	sbt-missinglink	SCP-020: SBT transitive dependency conflicts management improvements
22	Zinc improvements	SCP-021: Zinc improvements
23	Scala Native	Denys Shabalin
24	Scala 3 trait encoding	Scala 3 release
25	JSR-45	SCP-011 then SCP-022
26	sbt-version-policy	Followup for SCP-020
27	sbt- eviction-rules	Followup for SCP-020
28	Scala 3 Migration Guide	Scala 3 release
29	scala3-migrate	Scala 3 release
30	Scala 3 enums	Scala 3 release
31	General Scala 3 compiler work	Scala 3 release
32	Scala.js for Scala 3	Scala 3 release
33	BSP in sbt	SCP-023: Build Server Protocol Support for sbt
34	TASTy manipulation library	Scala 3 release
35	Scala Debug Adapter	Spawned from BSP in sbt
36	Migration path for Scala 2 -> 3	SCP-002: Migration path to Dotty for Scalac users
37	SIP and SLIP	SCP-004: Center to coordinate SIP/SLIP process
38	Zinc performance	SCP-015: Improving performance and profiling of Zinc
39	LSP-WG and STP-WG	SCP-017: Scala Center Support for LSP and STP Working Groups
40	Diversity	SCP-024: Scala Center Diversity Initiatives
41	Inclusive language	SCP-025: Use of Inclusive Language

- In last 5 years, total 40 projects
- In 2020, lead 19 projects
- 10 successfully completed

Communication in 2020

In 2020 we successfully published

- 10 blogs
- 21 Contributors threads (road-maps and announcements)
- 9 Advisory Board reports (quarterly and monthly combined)
- 40 Tweets on Sala_lang, and gained 2K followers
- Countless group, team, and 1:1 meetings

Other activities

- We participated in 2 conferences (Fby in Minsk, Belarus and Scala Love, online)
- Organised for the community: Scala spree in Bern, Organisers summit, SIP retreat in Lausanne
- Had 10 fantastic team outings in the area (bike rides, walks, and more!)
- Team orientation in March and team retreat in September
- Public speaking training and
- 17 (!) internal sprees



Where are we now?

Q4 = Scala 3-M3 release => tech report by Seb, next

✓ Team onboarded

✓ Projects ongoing

What is next?

transition



“Startup” 2016 - 2020

- Creating
- Pre-selling/fundraising
- Trying out
- Finding our place
- Finding our voice
- Building relationships
- Building trust
- Gaining visibility



Delicate moment

- Scala 2 - 3 uncertainty
- LAMP PhD are graduating
- General conservatism due to the pandemic

“Organisation” 2021 - onwards

- Proven
- Independent (founders)
- Reproducing success
- Stable
- Sustainable
- Growing
- Standardized

What is next?

Scala Center Strategy

5 year track record & 5 years ahead
by April 2021

P1

Deep dive in last
4 years

- Best practices
- Cautionary tales
- Measuring achievements
- Documenting and standardizing
- Analysing

P2

Mapping out
team strengths

- Individual goals, motivation and inspiration
- Capacities
- Resources
- And more

P3

Involving partners

- Community
- Advisory Board
- EPFL
- And more



P1

P2

P3

Sound
Strategy

What will strategy unlock?

We will be able to

- Scale-up our impact in tech, education, and community
- Take on more complex and longer term projects
- Business can keep on, even if management changes
- Communicate more clearly
- Commit and follow up easier
- And - be ready to start approaching new AB members (involve more stakeholders in a decision making process)

So, what's next?

- (All year round) Tech team will keep on delivering awesome tech
- (All year round) Education team will release new MOOCs and edu. videos
- (By April) Management team will coordinate and deliver Scala Center strategy
- (From June) All-hands-on-deck: fundraising, involving more stakeholders

Financial report

MOOCs

- Q1 and Q2 MOOCs revenue slightly lower, we thought it would be -30% but it was -20% - which is still better (o: but around 30% increase in attendees
- Q3 and Q4 results still not in
- Ported “reactive” course from edX to Coursera, visible increase in signups
- New course almost published (depends on Scala 3 stable); estimates 30K in first year

AB members

- 7 paying members + VirtusLab

We spent money on new hires and contractors, we will soon need new AB members to replace the ones that left (the least) to keep up the momentum.