

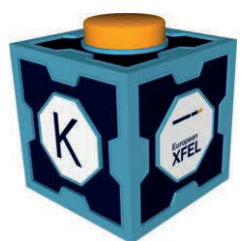
Towards the Zero Code-Waste to Increase the Impact of Science

P.P. Goryl, L. Zytaniak, (S2Innovation, Kraków, Poland),
 A. Gotz, ESRF, Grenoble, France,
 V. Hardion, MAX-IV, Lund, Sweden
 S. Hauf, European XFEL GmbH, Schenefeld, Germany
 K. S. White, ORNL, Oak Ridge, USA

Success stories (some of)



Open-sourced recently



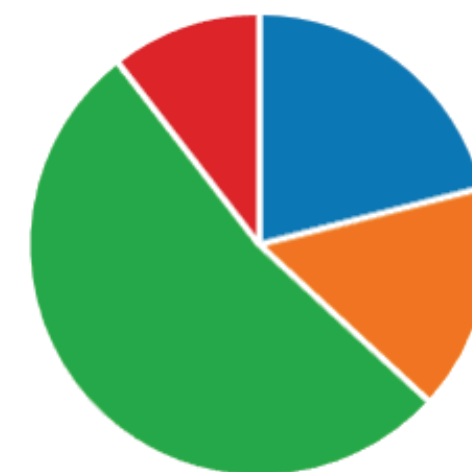
Karabo by XFEL

- Unicos by CERN

Results of the survey

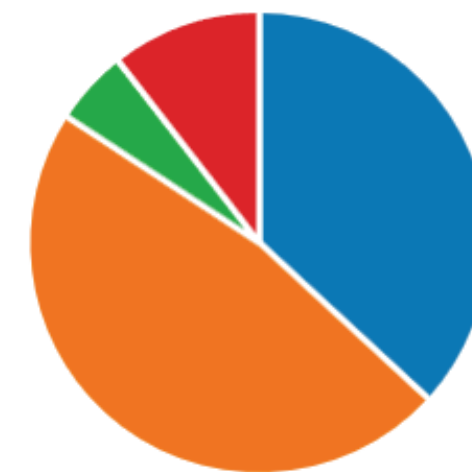
10. In how many collaborative software projects do you actively participate?

None	4
1	3
2 to 5	10
more than 5	2



11. How much effort does your team spend on the development (technical work) of software shared with other institutes

Less than 5% of the team's capp...	7
Between 5 and 20%	9
Between 20 and 50%	1
More than 50%	2



The main challenge is:

How to provide and get support?

Look at Support related answers

How much do you agree with the following?

16. My team has enough capacity to support other institutes that use our software.



18. My team has enough support from other collaborating institutes.



19. Outsourcing open-source software development to private companies will help to share the code between institutes.



Challenges

- Support
- IP rights
- Lifecycle stages

Collaboration Facilitators

- Conferences
- Meetings
- Travels
- Companies



Scan for survey results