

SciPy



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Community Updates



New maintainers

- Melissa Weber Mendonça
- @h-vetinari
- Jake Bowhay

Funding

- NumFOCUS
- Tydelift
- CZI: DEI, Tools for Biomedical
- NumFOCUS: SDG
- Los Alamos National Laboratory
- Quansight

Engaging with the community

- Monthly newcomers meeting
- Bi-weekly community meetings
- DEI working groups

Join us!



Code Updates



v1.10

v1.11

v1.12dev

Highlights

- >1000 PRs merged from >200 people
- `sobol_indices`, `dunnett`, `ecdf`, `logrank`, `false_discovery_control`
- **Sparse work**, new `scipy.sparse.sparray`
- **Lazy loading**: `import scipy`
- **Interpolate maintenance and improvements** e.g. `make_smoothing_spline`, `qmc_quad`
- `scipy.misc` **going to be deprecated**, new `scipy.datasets`
- **Wheels for Musl Linux (Alpine)**

Sneak peak...

- `scipy.sparse` **overhaul**
- **Experimental support for Array API**
 - Intern at Quansight (Lucas Colley)
- **New distribution architecture**
- **Optimization getting faster**