

rOpenSci Community Call - Navigating the R ecosystem using R-universe.

This doc - <https://bit.ly/r-universe-2024> - is a place for collaborative note-taking.

It includes:

- Agenda
- [Attendees list](#). Please add yourself
- [Questions from attendees](#). All are encouraged to ask and answer in this doc.
- [Resources](#). Add your favorites.
- [Transcript](#) of the call will be added afterward.

Information on today's topic, with speaker bios:

<https://ropensci.org/commcalls/nov2024-r-universe/>

This **call will be recorded** and posted along with any other resources at

<https://ropensci.org/commcalls>.

rOpenSci Code of Conduct: <https://ropensci.org/code-of-conduct/>

Agenda

1. Welcome, Yani Bellini Saibene (5 min)
2. Presentations, Jeroen (30 minutes).
3. Q & A moderated by Yani (20 min)
4. Wrap-up, Yani (2 min)

You all have expertise to share! Add your questions by typing them [below](#), and share your thoughts by answering others' questions. Together we can make this a rich resource for all of us.

In attendance (please add yourself here):

- *Name; Affiliation; Country*
- Eric Scott, University of Arizona, USA
- Yani Bellini Saibene, Argentina, rOpenSci
- Stefanie Butland, Openscapes, Canada
- Andy Teucher, Openscapes, Canada
- Will Gearty, Syracuse University, USA
- Dan Iseminger, Safe Software, Canada

- Egor Kotov, Max Planck Institute for Demographic Research, Germany
- Steffi LaZerte, rOpenSci, Canada
- Michael Sumner, Australian Antarctic Division
- Jonathan Peake, NOAA National Marine Fisheries Service, USA
- Marcel Ramos Pérez, Bioconductor / CUNY SPH, USA
- Martine Jansen, Fontys University of Applied Sciences, The Netherlands
- Paul Hewson University of Exeter UK
- Chris Toney, USDA Forest Service, USA
- Liz Hare, ManyDogs, USA
- Julie Lowndes, Openscapes, California USA
- Andreas Schneider, Independent, Paraguay
- Jen Wokaty, Bioconductor / CUNY SPH, USA
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Questions from attendees

Add your questions by typing them below, and share your thoughts by **answering others' questions**. Together we can make this a rich resource for all of us.

- *Name (optional): question(s)*
- Jen Wokaty: Where can I find documentation for the API? I tried to get all the packages from Bioconductor but it appears to show only 500 at a time. I am able to retrieve them through the package specific URLs. Does the API just have the data from the latest run of the corresponding GitHub Action?

```
> df <- jsonlite::fromJSON("https://bioc.r-universe.dev/api/packages")
> nrow(df)
[1] 500
> df <- jsonlite::fromJSON("https://bioc.r-universe.dev/api/packages?limit=3000")
```

- `df <- jsonlite::fromJSON("https://bioc.r-universe.dev/api/packages?limit=3000")`
- Eric Scott: Can you talk more about the snapshots? When/how would I use that? +1
 -
- Love Patel: Can you host internal R package?

- No need to be on CRAN or Bioconductor. It has to be open source and have to be on a public GitHub repository.
 - Does it create all binaries? Yes, that is provided by R-Universe.
- Steffi: Does API Documentation exist?
 - Documentation is work in progress but we are working on. The information is now fragmented in several places, but we are working on have all that tidy and together.
- Julie: How do groups start with R-Universe? Is one package enough? How can we help people to start with R-Universe?
 - New effort - multiverse - collaborative universe among a few orgs or maintainers. Thinking along lines of Bioconductor or CRAN. Might be an easier entry if you only have one pkg to add.
- Will: How r-universe know to publish your package?
 - You need to opt-in if you're not on CRAN or Bioconductor, here are the instructions: <https://docs.r-universe.dev/publish/set-up.html>
- Love: What if you need secrets to generate some of the package documentation?
 - Pre-render these first (assume everything is publish)
 - See the blog article: <https://ropensci.org/blog/2019/12/08/precompute-vignettes/>
- Andy:
- Marcel: Is there a way to obtain statistics for the number of downloads an r-universe package has?
 - No, we don't have that yet.

Comments from attendees

- Liz: This looks so much better than the CRAN Task Views I've been using for so many years
- Michael Sumner: thanks @Jeroen Ooms it's so cool how richly linked everything is, realized a lot of things about questions I can chase down just by clicking through r-universe
- Stefanie: As a user / non-developer I LOVE the website tour. Shared it just now in Openscapes Slack

Resources

Add your favorites below

- Jeroen slides: <https://jeroen.github.io/user2024/>
- Read about this and many other r-universe topics at: <https://ropensci.org/technotes/>
- More about R-universe: <https://ropensci.org/r-universe/>
- Stars of R-Universe Interview series: <https://ropensci.org/tags/r-universe-stars/>

- Multiverse:

Want to get involved?

- Join rOpenSci [social coworking and office hours](#)
- Join us for our first Community Call on Portuguese! November 6, 2024.
- Join us for our Online Translation during [LatinR](#), November 18, 2024.

Share your perspectives on the Community Calls we're planning

Ideas for upcoming Community Calls are shared as [issues in this public repository](#). Give a 👍 on a topic, share your perspective by commenting on a topic, or open a new issue if your idea doesn't fit in with any others.