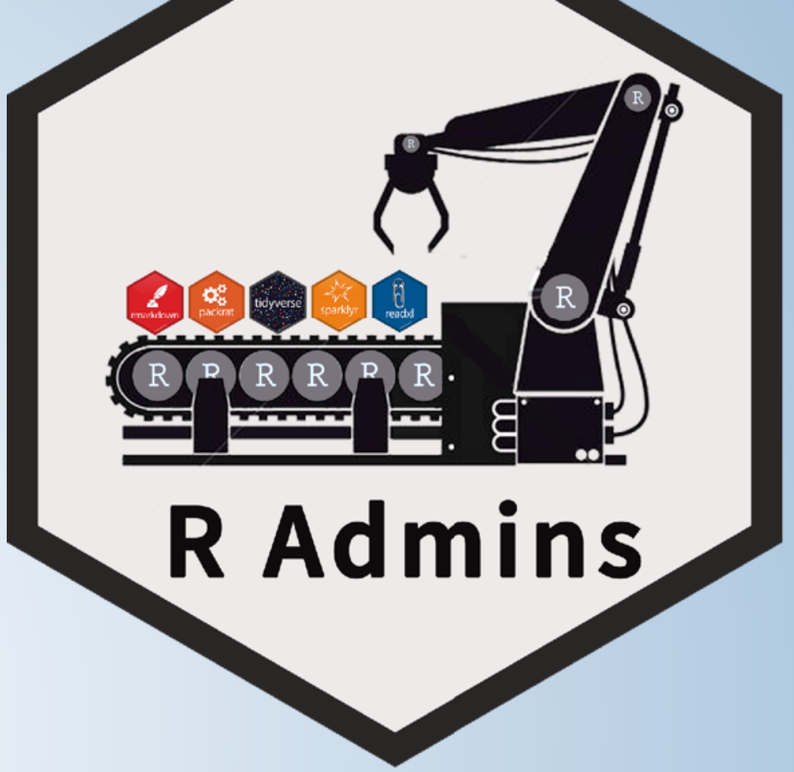

THE **R ADMIN** IS RAD

A GUIDE TO PROFESSIONAL R TOOLING AND INTEGRATION

RStudio

WHO WE ARE AND WHAT WE DO

- **What we do**
  - Build and promote software that supports reproducible data analysis
  - Primary focus is the usability in our interfaces and API's
  - Dedicated to R and open source software
  - 70% of our engineering effort is towards open source
- **Who we are**
  - Requires the top talent and minds to solve these problems
  - We created a structure to generate enough revenue to hire the them
- **How we fund it**
  - Commercial products that are about enterprise fit
  - Organizations that rely on R and Shiny can plug these into existing infrastructure
  - Security, scalability, manageability, auditing, deployment, collaboration, etc.
- **If you've licensed our Pro products, thank you for supporting us!**
  - Our open source software is only possible because you are buying our products.

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MY EXPERIENCES ON-BOARDING R

	Consumer Research (c. 2004)	Advertising Network (c. 2008)	Client Services (c. 2011)
R Users	Me	Team	Global
R Tools	Desktop	Server	Cluster
Relationship with IT	None	Support	Partnership
Groups Influenced	Department	Organization	Customers

WHO IS THE R ADMIN?

A **data scientist** (who knows R) and works with **IT/Ops** to:

1. Establish R as an analytic standard
2. Promote R tooling
3. Integrate R into other systems.

https://rviews.rstudio.com/2017/06/21/analytics-administration-for-r/

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THE GAP BETWEEN DATA SCIENCE AND IT

Data Science Team

Discovery

Insights

Influence

Take actions

IT Operations

Production

Support

Compliance

SLA's

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R ADMINS FILL THIS GAP

Data Science Team

Discovery

Insights

Influence

Take actions

R Admin

Legitimize R

Build a data lab

Take advantage of data

Build products and apps

Develop teams and talent

IT Operations

Production

Support

Compliance

SLA's

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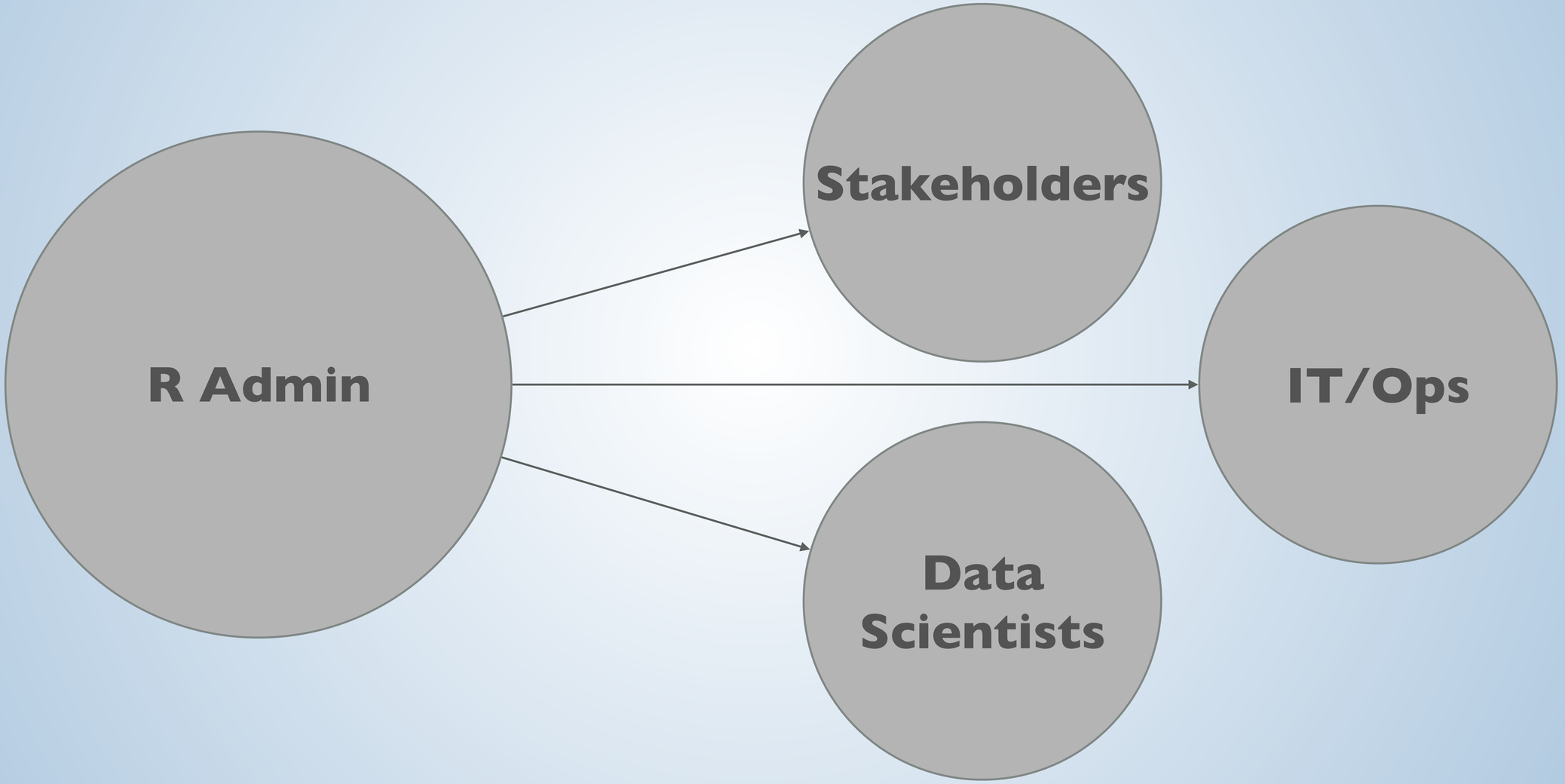
THE MULTIPLIER EFFECT



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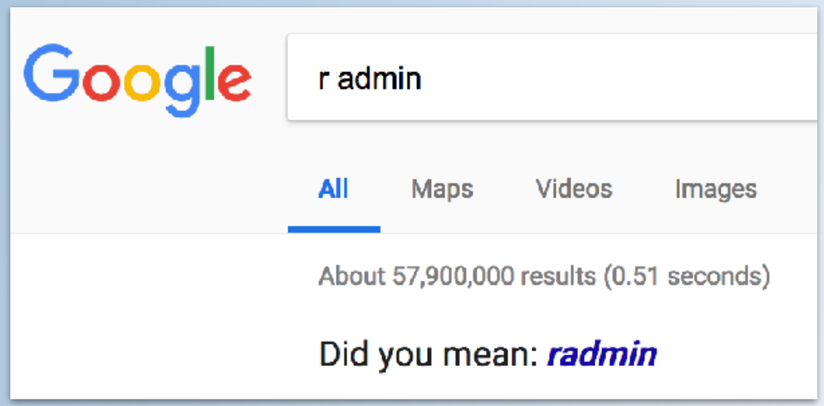
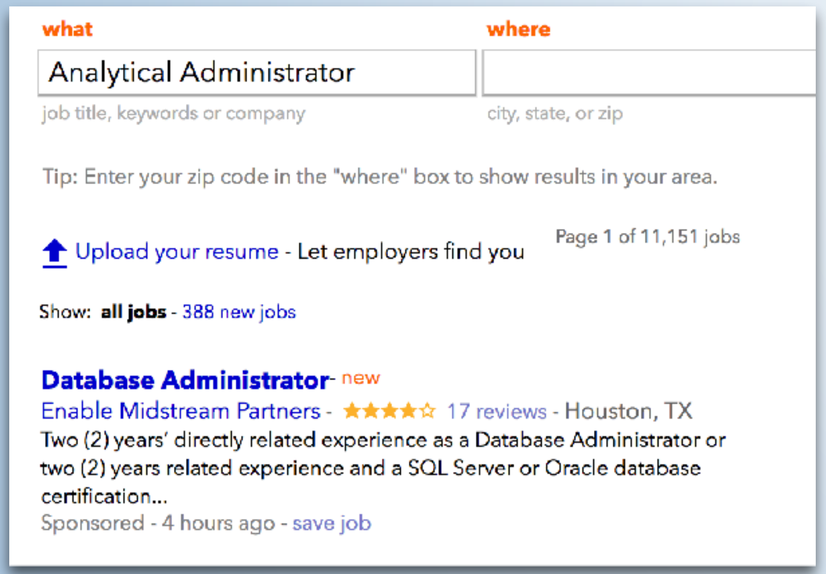
THAT IS WHY THE R ADMIN IS RAD!

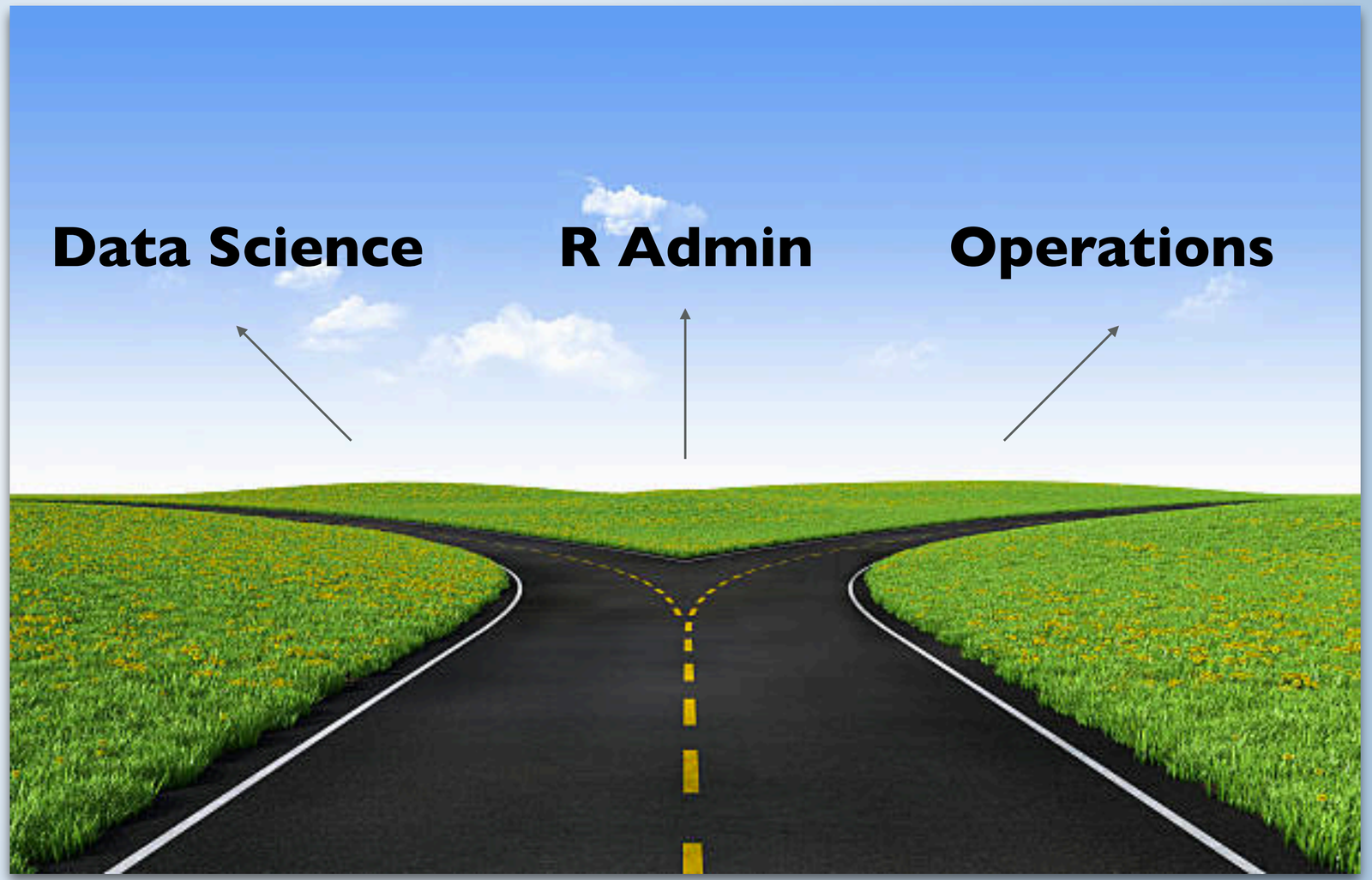
The R Admin is a RAD-MAN

...or a RAD LADY

IF YOU COME TO A FORK IN THE ROAD, TAKE IT!







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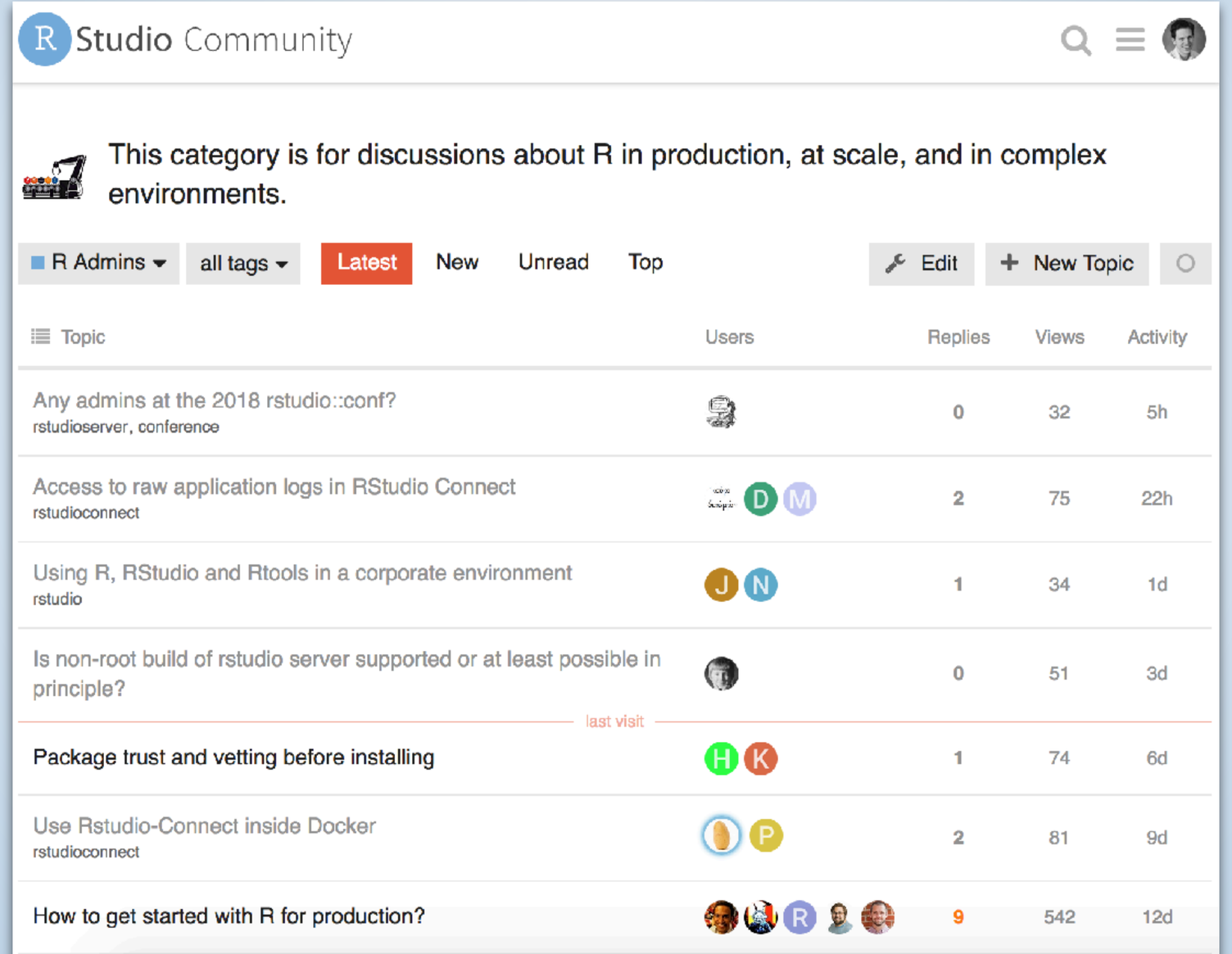
COMMUNITY.RSTUDIO.COM



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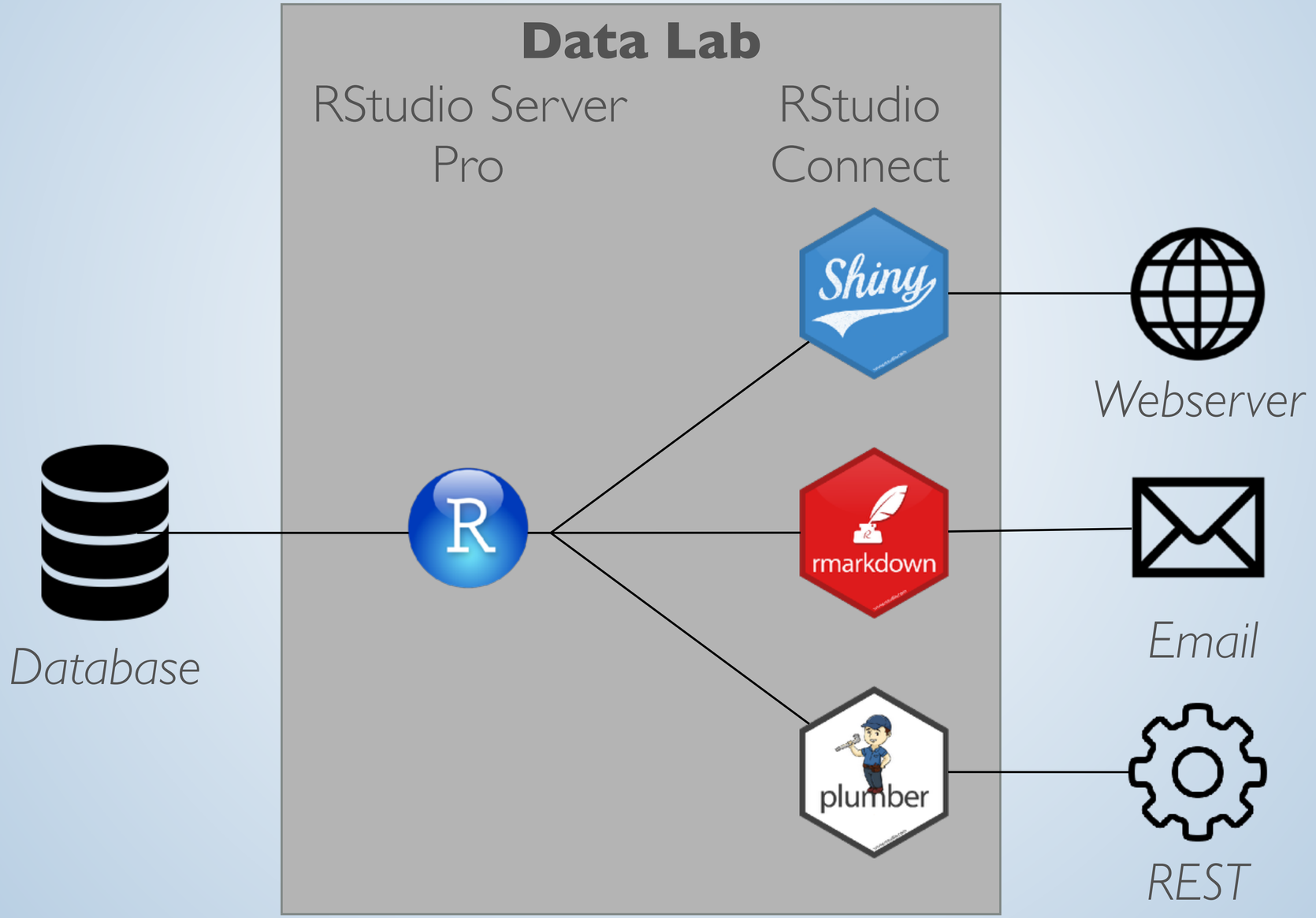
DEMO: BITCOIN



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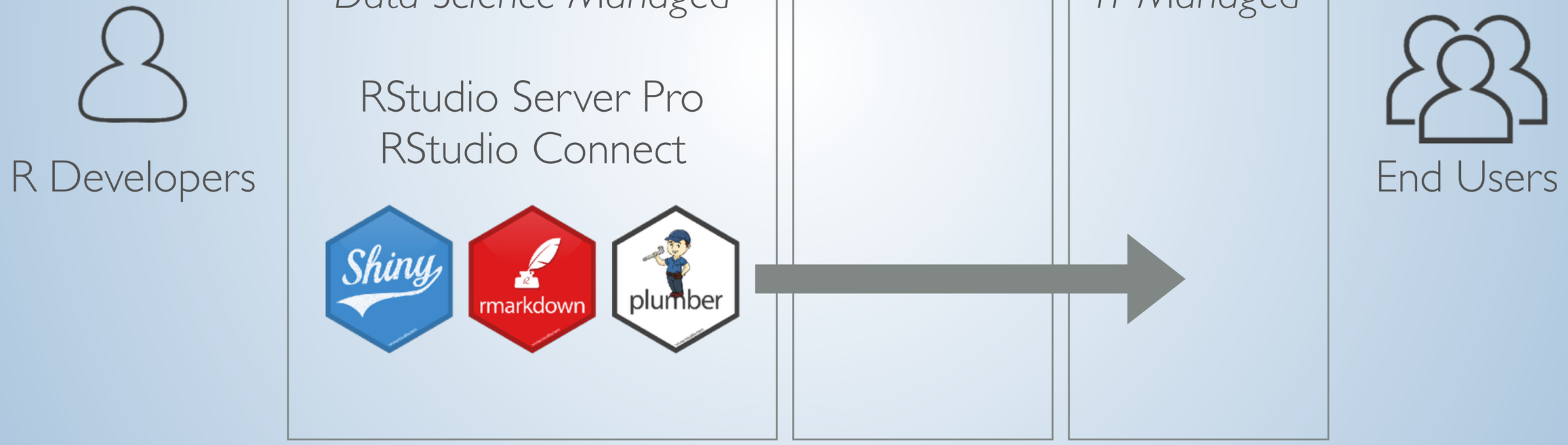
DEV/TEST/PROD



CALL TO ACTION

Make R a legitimate part of your organization

Get a sandbox and learn Linux

Start building your data lab

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REFERENCES

- Github: r-admin-2018
- Analytics Administration for R
- Make R a Legitimate Part of Your Organization
- A Data Science Lab for R
- The Unix Workbench

THANK YOU

nathan@rstudio.com

@nwstephens

https://github.com/nwstephens/r-admin-2018

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