

META CRAN

Tooling around CRAN

Gábor Csárdi

Outline

What is METACRAN?

Web site demo

CRAN is great to build on

It just works!

Installs and examples

Great first impression

Stable API

META

CRAN

METACRAN goals:

Guide users to find and discover packages

Make data accessible and searchable for developers

Organizing information

Classification

Organize into categories



[NBA Draft](#)
[Wimbledon](#)

ONSALE

FIVE \$1,000
Winners Click Now!

[Holyfield](#)
[vs. Tyson](#)

Search

[options](#)

[Yellow Pages](#) - [People Search](#) - [Maps](#) - [Classifieds](#) - [News](#) - [Stock Quotes](#) - [Sports Scores](#)

- ◆ [Arts and Humanities](#)
[Architecture](#), [Photography](#), [Literature](#)...
- ◆ [Business and Economy \[Xtra!\]](#)
[Companies](#), [Investing](#), [Employment](#)...
- ◆ [Computers and Internet \[Xtra!\]](#)
[Internet](#), [WWW](#), [Software](#), [Multimedia](#)...
- ◆ [Education](#)
[Universities](#), [K-12](#), [College Entrance](#)...
- ◆ [Entertainment \[Xtra!\]](#)
[Cool Links](#), [Movies](#), [Music](#), [Humor](#)...
- ◆ [Government](#)
[Military](#), [Politics \[Xtra!\]](#), [Law](#), [Taxes](#)...
- ◆ [Health \[Xtra!\]](#)
[Medicine](#), [Drugs](#), [Diseases](#), [Fitness](#)...
- ◆ [News and Media \[Xtra!\]](#)
[Current Events](#), [Magazines](#), [TV](#), [Newspapers](#)...
- ◆ [Recreation and Sports \[Xtra!\]](#)
[Sports](#), [Games](#), [Travel](#), [Autos](#), [Outdoors](#)...
- ◆ [Reference](#)
[Libraries](#), [Dictionaries](#), [Phone Numbers](#)...
- ◆ [Regional](#)
[Countries](#), [Regions](#), [U.S. States](#)...
- ◆ [Science](#)
[CS](#), [Biology](#), [Astronomy](#), [Engineering](#)...
- ◆ [Social Science](#)
[Anthropology](#), [Sociology](#), [Economics](#)...
- ◆ [Society and Culture](#)
[People](#), [Environment](#), [Religion](#)...

Web directory

Hand edited

Recreation /
games /
board games /
chess



[NBA Draft](#)
[Wimbledon](#)

ONSALE

FIVE \$1,000
Winners Click Now!

[Holyfield](#)
[vs. Tyson](#)

Search

[options](#)

[Yellow Pages](#) - [People Search](#) - [Maps](#) - [Classifieds](#) - [News](#) - [Stock Quotes](#) - [Sports Scores](#)

- ◆ [Arts and Humanities](#)
[Architecture](#), [Photography](#), [Literature](#)...
- ◆ [Business and Economy \[Xtra!\]](#)
[Companies](#), [Investing](#), [Employment](#)...
- ◆ [Computers and Internet \[Xtra!\]](#)
[Internet](#), [WWW](#), [Software](#), [Multimedia](#)...
- ◆ [Education](#)
[Universities](#), [K-12](#), [College Entrance](#)...
- ◆ [Entertainment \[Xtra!\]](#)
[Cool Links](#), [Movies](#), [Music](#), [Humor](#)...
- ◆ [Government](#)
[Military](#), [Politics \[Xtra!\]](#), [Law](#), [Taxes](#)...
- ◆ [Health \[Xtra!\]](#)
[Medicine](#), [Drugs](#), [Diseases](#), [Fitness](#)...
- ◆ [News and Media \[Xtra!\]](#)
[Current Events](#), [Magazines](#), [TV](#), [Newspapers](#)...
- ◆ [Recreation and Sports \[Xtra!\]](#)
[Sports](#), [Games](#), [Travel](#), [Autos](#), [Outdoors](#)...
- ◆ [Reference](#)
[Libraries](#), [Dictionaries](#), [Phone Numbers](#)...
- ◆ [Regional](#)
[Countries](#), [Regions](#), [U.S. States](#)...
- ◆ [Science](#)
[CS](#), [Biology](#), [Astronomy](#), [Engineering](#)...
- ◆ [Social Science](#)
[Anthropology](#), [Sociology](#), [Economics](#)...
- ◆ [Society and Culture](#)
[People](#), [Environment](#), [Religion](#)...

Say Goodbye to the Original Yahoo Directory

1.6k
SHARES

Share on Facebook

Share on Twitter



WHAT'S THIS?



In this April 18, 2011 file photo, the Yahoo logo is displayed outside of the offices in Santa Clara, Calif.

IMAGE: PAUL SAKUMA, FILE/ASSOCIATED PRESS

“No, we didn't know the Yahoo Directory was still a thing either.”

<http://mashable.com/2014/09/26/rip-yahoo-directory/>

SEARCH!





R



Web

Maps

Images

Videos

News

More ▾

Search tools

About 10,850,000,000 results (0.52 seconds)

R: The R Project for Statistical Computing

www.r-project.org/ ▾ R ▾

R, also called GNU S, is a strongly functional language and environment to statistically explore data sets, make many graphical displays of data from custom ...

Results from r-project.org



CRAN

Contributed Packages - R for Mac OS X - Download R for Windows

Mailing Lists

This list is for major announcements about the ...

Download 'R' for windows

If you want to double-check that the package you have ...

Writing R Extensions

This is a guide to extending R, describing the process of ...

R (programming language) - Wikipedia, the free encyclopedia

[https://en.wikipedia.org/wiki/R_\(programming_language\)](https://en.wikipedia.org/wiki/R_(programming_language)) ▾ Wikipedia ▾

R is a programming language and software environment for statistical computing and

Database

Database of package metadata

Public

API

Search

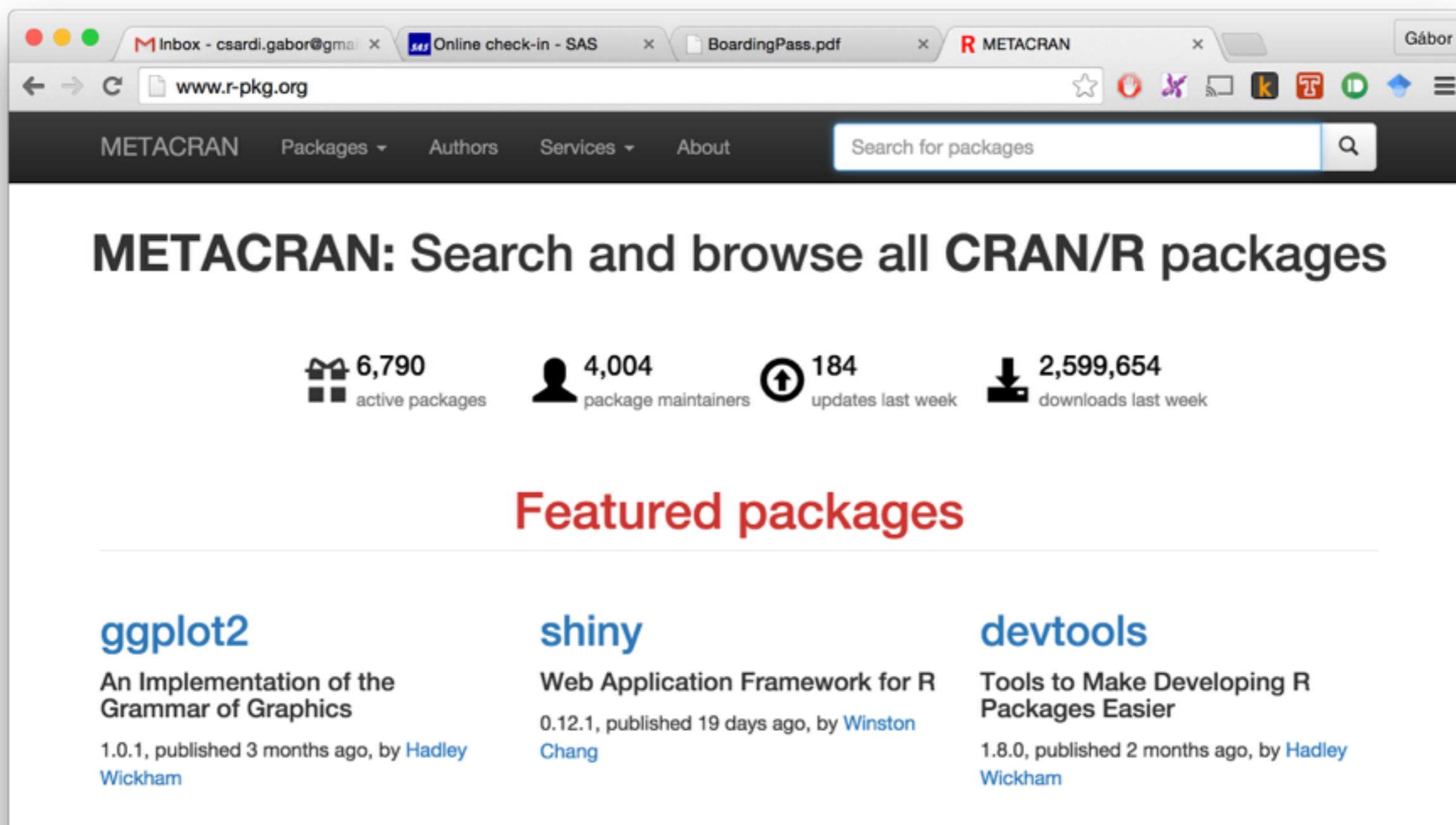
Database indexed

Public search, API

Ranking

Web site

<http://www.r-pkg.org>



The screenshot shows a web browser window with the URL www.r-pkg.org. The browser tabs include 'Inbox - csardi.gabor@gmail.com', 'Online check-in - SAS', 'BoardingPass.pdf', and 'METACRAN'. The website header features the METACRAN logo, navigation links for 'Packages', 'Authors', 'Services', and 'About', and a search bar with the placeholder text 'Search for packages'. The main heading reads 'METACRAN: Search and browse all CRAN/R packages'. Below this, four statistics are displayed: 6,790 active packages (with a package icon), 4,004 package maintainers (with a person icon), 184 updates last week (with an upward arrow icon), and 2,599,654 downloads last week (with a download icon). A section titled 'Featured packages' lists three packages: 'ggplot2' (An Implementation of the Grammar of Graphics, version 1.0.1, published 3 months ago by Hadley Wickham), 'shiny' (Web Application Framework for R, version 0.12.1, published 19 days ago by Winston Chang), and 'devtools' (Tools to Make Developing R Packages Easier, version 1.8.0, published 2 months ago by Hadley Wickham).

METACRAN Packages Authors Services About Search for packages

METACRAN: Search and browse all CRAN/R packages

6,790 active packages 4,004 package maintainers 184 updates last week 2,599,654 downloads last week

Featured packages

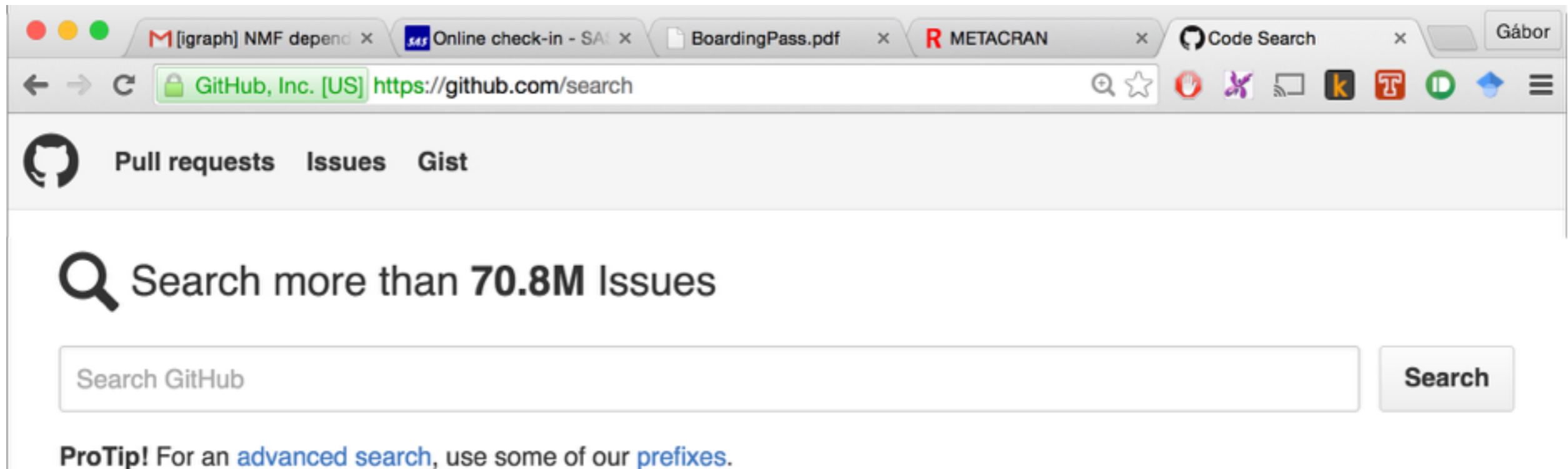
ggplot2
An Implementation of the Grammar of Graphics
1.0.1, published 3 months ago, by [Hadley Wickham](#)

shiny
Web Application Framework for R
0.12.1, published 19 days ago, by [Winston Chang](#)

devtools
Tools to Make Developing R Packages Easier
1.8.0, published 2 months ago, by [Hadley Wickham](#)

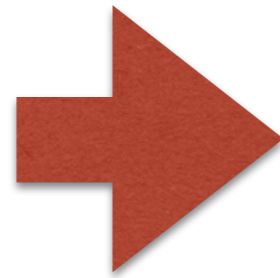
CRAN@GitHub

<https://github.com/cran>



The screenshot shows a web browser window with several tabs open: "[igraph] NMF depend...", "Online check-in - SAS...", "BoardingPass.pdf", "METACRAN", "Code Search", and "Gábor". The address bar shows "GitHub, Inc. [US] https://github.com/search". The page content includes the GitHub logo, navigation links for "Pull requests", "Issues", and "Gist", and a search bar with the text "Search more than 70.8M Issues". Below the search bar is a text input field containing "Search GitHub" and a "Search" button. A "ProTip!" message is visible below the search bar, stating: "ProTip! For an [advanced search](#), use some of our [prefixes](#)."

**Let me
google
that for
you**



**Let me
METACRAN
that for
you**