

jvenn

An interactive Venn diagram viewer

Open refine

A free, open source, powerful tool for working with messy data

jvenn - Introduction

jvenn

jvenn is a plug-in for the [jQuery](#) Javascript library. It is a flexible tool, based upon the venny tool first developed by J.C Oliveros (Oliveros, J.C (2007) [VENNY](#), An integrative tool for comparing lists with Venn Diagrams). Key features:

- handles up to 6 classes venn diagram,
- allows to display Edwards-Venn diagram,
- is easily integrable within your own web site,
- allows to provide the data from 3 different ways (lists/intersection counts/count lists),
- control the click callback function,
- provides statistic charts based on input data,
- search for elements,
- exports the venn diagram to PNG,
- exports lists to CSV.

How to cite

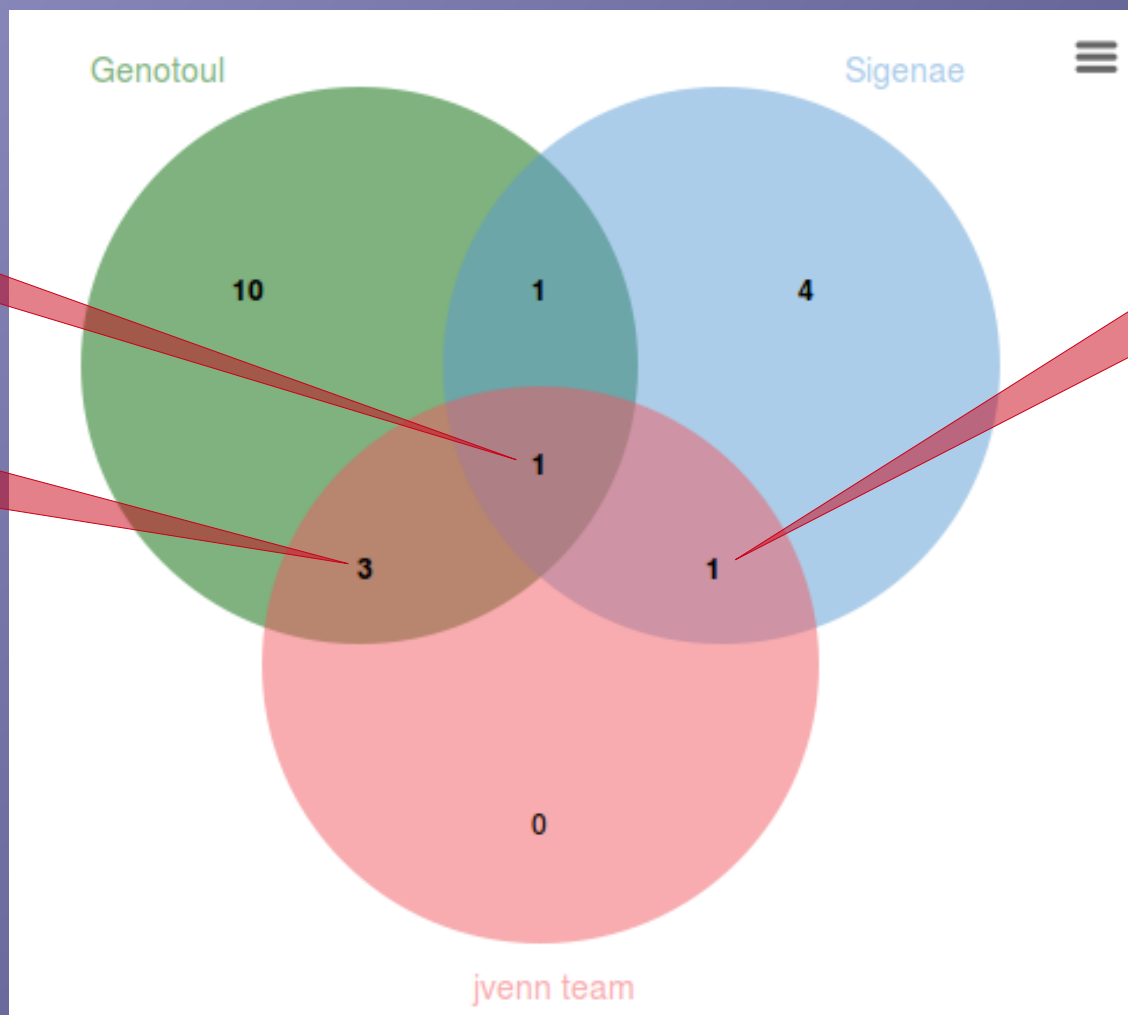
Philippe Bardou, Jérôme Mariette, Frédéric Escudié, Christophe Djemiel and Christophe Klopp. jvenn: an interactive Venn diagram viewer. *BMC Bioinformatics* 2014, 15:293
doi:10.1186/1471-2105-15-293 - [Abstract/FREE Full Text](#)

jvenn

- × User documentation : quick start... => Demo...
 - <http://bioinfo.genotoul.fr/jvenn/>

- × « Easily integrable » : how to ? => Demo...
 - First step : <http://jsfiddle.net/pbardou/jsusb35r/>
 - Define series by the number of occurrence for each intersections : <http://jsfiddle.net/pbardou/zuLLdy7s/>
 - Search field : <http://jsfiddle.net/pbardou/fasvoz5p/>

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How to cite

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doi:10.1186/1471-2105-15-293 - [Abstract/FREE Full Text](#)

Open refine - Introduction

- × OpenRefine is a free tool to perform complex transformations in your data series?
 - Cleaning
 - Linking
 - Enriching
 - Explore...
- × Background and history :
 - Formerly Freebase Gridworks (Metaweb Technologies, Inc. in May 2010)
 - GoogleRefine (2010-2012 => stable version 2.5)
 - OpenRefine
- × Spreadsheet on steroids : simple but powerful
- × Runs in a browser, but locally (data stays private)
- × Active development community (extensions) and discussion list



Open refine - Download & Install

Download OpenRefine

[Home](#)

[Download](#)

[Documentation](#)

[Community](#)

[Post archive](#)

[2014 survey results](#)

[A Governance Model
for OpenRefine](#)

[Using OpenRefine: a
manual](#)

[OpenRefine History](#)

OpenRefine Core

Google Refine 2.5 - Stable version

- **Windows kit**, Download, unzip, and double-click on *google-refine.exe*. If you're having issues with the above, try double-clicking on *refine.bat* instead.
- **Mac kit**, Download, open, drag icon into the Applications folder and double click on it. **NOTE:** If you have issues installing Refine on Mac, please refer to [issue 590](#)
- **Linux kit**, Download, extract, then type `./refine` to start.

See also the [installation instruction](#)

OpenRefine 2.6 - Development version

Download OpenRefine [2.6-beta1](#) (link for all releases).

All releases

All previous releases are available [here](#).

<http://openrefine.org/download.html>

Open refine - Run

```
pbardou@inf323: ~/google-refine-2.5
pbardou@inf323:~/google-refine-2.5$ ./refine -h
./refine: 98: [: /tmp/refine.zoDOSAA: unexpected operator
Usage: ./refine [options] <action>
where [options] include:

-h print this message and exit

-p <port> the port that Google Refine will listen to
  default: 3333

-i <interface> the host interface Google Refine should bind to
  default: 127.0.0.1

-w <path> path to the webapp
  default: main/webapp

-d <path> path to the data directory
  default: OS dependent

-m <memory> max memory heap size to use
  default: 1024M

-v <level> verbosity level [from low to high: error,warn,info,de
  default: info
```

=> Demo...

```
pbardou@inf323: ~/google-refine-2.5
pbardou@inf323:~/google-refine-2.5$ ./refine -m 6000M
./refine: 98: [: /tmp/refine.8RmEIK5: unexpected operator
Starting Google Refine at 'http://127.0.0.1:3333/'

13:52:30.658 [ refine_server] Starting Server bound to '127.0.0.1:3333' (0ms)
13:52:30.658 [ refine_server] refine.memory size: 6000M JVM Max heap: 5592449024 (0ms)
13:52:30.667 [ refine_server] Initializing context: '/' from '/home/pbardou/google-refine-2.5/webapp' (9ms)
13:52:30.933 [ refine] Starting Google Refine 2.5 [r2407]... (266ms)
```

OR - Create Project

- × From :
 - Local computer
 - URLs
 - Clipboard
 - Google docs

The screenshot shows the Google Refine web interface. At the top left is the logo 'Google refine' with the tagline 'A power tool for working with messy data.' Below the logo is a navigation menu with three items: 'Create Project' (highlighted), 'Open Project', and 'Import Project'. The main content area is titled 'Create a project by importing data. What kinds of data files can I import?' and lists supported formats: TSV, CSV, *SV, Excel (.xls and .xlsx), JSON, XML, RDF as XML, and Google Data documents. It notes that support for other formats can be added with Google Refine extensions. Under the heading 'Get data from', there are four options: 'This Computer', 'Web Addresses (URLs)', 'Clipboard', and 'Google Data'. The 'Web Addresses (URLs)' option is selected, and a text input field contains the URL 'http://book.freeyourmetadata.org/chapters/2/schoenberg.csv'. Below the input field are two buttons: 'Add Another URL' and 'Next »'.