



# RegaData

Opening the data of sailing races

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This is old stuff

...which I'm trying to relaunch

# How it started?

- Sailing fan, following all the races I can think of
  - Vendée Globe, Route du Rhum, Transat Jacques Vabre, Barcelona World Race, Mini transat...
- Vendée Globe 2012
  - Only the latest ranking available
  - Past rankings available for download in... Excel format!
  - Impossible to really get a feeling of how the race is evolving
- Lucky me : most races follow the exact same pattern





+ 13

MENU

12



Manuel Cousin

13



NEWREST -  
Fabrice Amedeo  
Giancarlo Pedota



FAMILLE MA  
Romain Attanasio  
Aurélien Ducroz

\* Sur 1h

\*\* Velocity Made on Course : Correspond à la vitesse de progression sur la route ou vitesse de rapprochement vers la marque

\*\*\* ABD : Abandon - NL : Non localisé

TÉLÉCHARGER LE CLASSEMENT  
AU FORMAT EXCEL

VOIR L'HISTORIQUE DES  
CLASSEMENTS



+ 13

MENU

[Accueil](#) > [Cartographie et classement](#) >  
[Historique des classements](#)

## HISTORIQUE DES CLASSEMENTS

— Classement du 18/11/2017 à 00h

— Classement du 16/11/2017 à 16h

— Classement du 16/11/2017 à 09h

— Classement du 16/11/2017 à 05h

— Classement du 15/11/2017 à 16h

— Classement du 15/11/2017 à 12h

— Classement du 15/11/2017 à 05h

— Classement du 14/11/2017 à 16h

— Classement du 14/11/2017 à 12h

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# What & How

- Scripts to
  - Download the excel files
  - Xls -> json
    - Json -> mongodb
  - json -> kml
- Then what...
  - Ask for permission!
  - Present it all (FR + EN)!
    - Simple & responsive web app
    - Ranking tables
    - Graph, comparison graphs
- Open source the project (2014?)
- Tweet fastest boat since last report



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Class 40

Multi 50

IMOCA

MOD 70

&lt;&lt; &lt; Ranking 27 of 210 &gt; &gt;&gt;

Fork me on GitHub

Ranking : November 12, 2013 04:30

Rank	Skipper [Boat]	Ranking		1 hour			Last ranking				24 hours						Overall			
		Lat (DMS)	Lon (DMS)	Heading (°)	Speed (kn)	VMG (kn)	Heading (°)	Speed (kn)	VMG (kn)	Distance (nm)	Heading (°)	Speed (kn)	VMG (kn)	Distance (nm)	RTDT (nm)	OAS (kn)	DTF (nm)	DTLC (nm)	DTP (nm)	DTL (nm)
1	Sébastien Rogues / Fabien Delahaye [GDF SUEZ]	43 06.30' N	9 12.84' W	270	0.0	0.0	153	0.0	2.5	0.0	0	7.4	7.0	176.7	0.0	0.0	4799.6	0.0 ↕	0.0	0.0
2	Jörg Riechers / Pierre Brasseur [Mare]	43 25.53' N	9 18.97' W	225	8.7	8.4	222	0.0	8.0	0.0	0	7.5	7.0	180.2	0.0	0.0	4813.9	6.2 ↕	14.2	14.2
3	Damien Seguin / Yoann Richomme [ERDF - Des pieds et Des mains]	43 46.04' N	9 05.26' W	222	6.4	6.3	213	0.0	6.6	0.0	0	7.1	7.0	171.0	0.0	0.0	4836.6	2.5 ↕	22.7	37.0
4	Alex Pella / Pablo Santurde [Tales Santander 2014]	43 35.55' N	8 19.46' W	202	5.4	5.3	212	0.0	5.9	0.0	0	6.8	6.0	162.4	0.0	0.0	4844.8	13.0 ↕	8.2	45.1
5	Fabrice Amedeo / Armel Tripon [Geodis]	43 50.90' N	8 53.96' W	219	8.4	8.3	217	0.0	5.7	0.0	0	6.9	6.0	164.5	0.0	0.0	4844.9	2.2 ↕	0.2	45.3




#7  Damien Seguin / Yoann Richomme

Last ranking	December 9, 2013 03:05	Boat	ERDF - Des pieds et Des mains [CL40_FRA131]
--------------	------------------------	------	---

Heading	0°	Coordinates	48°42.58 / -3°57.55
---------	----	-------------	---------------------

Distance to finish	0 <small>nm</small>	Distance To Leader	0 <small>nm</small>
--------------------	---------------------	--------------------	---------------------

Real total distance travelled * / Overall average speed **	0 <small>nm</small> / 0.0 <small>kn</small>	JSON 	<a href="/json/tjv2013/sail/CL40_FRA131.json">/json/tjv2013/sail/CL40_FRA131.json</a>
		KMZ 	<a href="/kml/tjv2013/sail/CL40_FRA131.kmz">/kml/tjv2013/sail/CL40_FRA131.kmz</a>

 @sailingdamien#17  Damien Rousseau / Matthieu Alluin ▾

Last ranking	December 9, 2013 03:05	Boat	Mr Bricolage [CL40_FRA109]
--------------	------------------------	------	----------------------------

Heading	0°	Coordinates	48°42.58 / -3°57.55
---------	----	-------------	---------------------

Distance to finish	0 <small>nm</small>	Distance To Leader	0 <small>nm</small>
--------------------	---------------------	--------------------	---------------------

Real total distance travelled * / Overall average speed **	0 <small>nm</small> / 0.0 <small>kn</small>	JSON 	<a href="/json/tjv2013/sail/CL40_FRA109.json">/json/tjv2013/sail/CL40_FRA109.json</a>
		KMZ 	<a href="/kml/tjv2013/sail/CL40_FRA109.kmz">/kml/tjv2013/sail/CL40_FRA109.kmz</a>

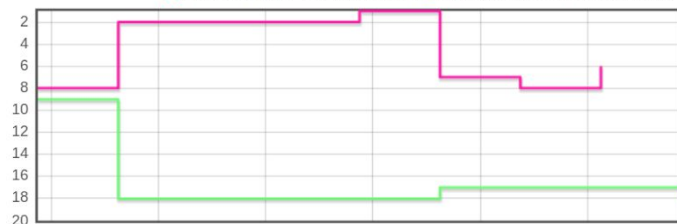
 @Damien\_Benjamin

Fork me on GitHub

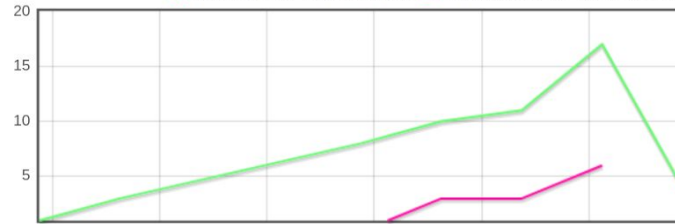
\* Sum of the distances travelled between each ranking since race start

\*\* Average speed since race start based on the real distance travelled

Rank

 Damien Seguin / Yoann Richomme  Damien Rousseau / Matthieu Alluin

Distance To Leader

 Damien Seguin / Yoann Richomme  Damien Rousseau / Matthieu Alluin



# Documentation

Description of the data available in the Json files

Index	Value	Description	Unit / Format
race_id	1	VG2012	
rank	1	Ranking of the boat	
country	"FR"	Country	
sail	"FRA19"	Sail number	
skipper	"Armel Le Cléac'h"	Skipper	
boat	"Banque Populaire"	Boat name	
source	"12910"	Source filename (usually Excel format)	
id	"20130401-1340"	Unique report id - YYYYMMDD-HHmi	
time	"10:00"	Time	HH:mi
date	"2012-11-27"	Date	YYYY-MM-DD
timestamp	1354014000	Unix Timestamp	Seconds
lat_dms	"25°55.49'S"	Latitude	DMS - Degree Minute Seconds
lon_dms	"18°59.69'W"	Longitude	DMS - Degree Minute Seconds

## Json Preview

```
{
  - {
    race_id : VG2012 ,
    rank : 1 ,
    country : "FR" ,
    sail : "FRA19" ,
    skipper : "Armel Le Cléac'h" ,
    boat : "Banque Populaire" ,
    source : "12910" ,
    id : "20130401-1340" ,
    time : "10:00" ,
    date : "2012-11-27" ,
    timestamp : 1354014000 ,
    lat_dms : "25°55.49'S" ,
    lon_dms : "18°59.69'W" ,
    lat_dec : -25.930277777778 ,
    lon_dec : -19.0025 ,
    1hour_heading : 123 ,
    1hour_speed : 9.2 ,
    1hour_vmg : 9.1 ,
    1hour_distance : 9.2 ,
    lastreport_heading : 116 ,
    lastreport_speed : 8.4 ,
    lastreport_vmg : 8.4 ,
    lastreport_distance : 25.1 ,
    24hour_heading : 126 ,
    24hour_speed : 12.9 ,
    24hour_vmg : 12.7 ,
    24hour_distance : 308.7 ,
    dtf : 19547 ,
    dtl : 0 ,
    dtl_diff : -32.54
```



Google Earth Pro

File Edit View Tools Add Help

Search

Search

ex: NYC

Get Directions History

Places

My Places

- Sightseeing Tour  
Make sure 3D Buildings layer is checked

Temporary Places

- trace\_FRA301.kml

Layers

- Primary Database
  - The new Google Earth
  - Borders and Labels
  - Places
  - Photos
  - Roads
  - 3D Buildings
  - Ocean
  - Weather
  - Gallery
  - Global Awareness
  - More
  - Terrain

Sign in

#12 François Gabart

[Macif]  
2012-11-10 14:00

Speed (kn) [1h / 24h]	10.9	6.1
Distance (nm) [1h / 24h]	10.9	15.4
VMG (kn) [1h / 24h]	10.9	6.1
Heading (°)	247	
DTF (nm)	24018.3	
DTL (nm)	1.6	

Source : <http://vg2012.saliou.name>

Directions: [To here](#) - [From here](#)

Tour Guide

Les Sables-d'Olo... Le Littoral La baie de Cayola Lac de Tanchet Golf de Port Bour... ATLANTIC HOTEL Hôtel Cal

Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Updated Date: 12/14/2015 46°14'20.00"N 1°55'59.13"W, elev: 10 m, speed: 20.46 km/h

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**VG2016 Race Data**  
@VGRaceData

Dernier classement disponible, skipper le plus rapide sur les dernières 24h  
[@jeanpierre\\_dick](#) (427.7 nm) [goo.gl/E3QgCY](http://goo.gl/E3QgCY)  
[#VG2016](#)

Translate from French



**Classement général 11/03/2017 à 09:00 | #VG2016 Open Data**  
Classement général 11/03/2017 à 09:00 - Accédez aux classements du Vendée Globe 2016 et suivez la progression des marins de façon accessible  
[vg2016.regadata.org](http://vg2016.regadata.org)

6:25 AM - 22 Jan 2017

5 Retweets 9 Likes



5



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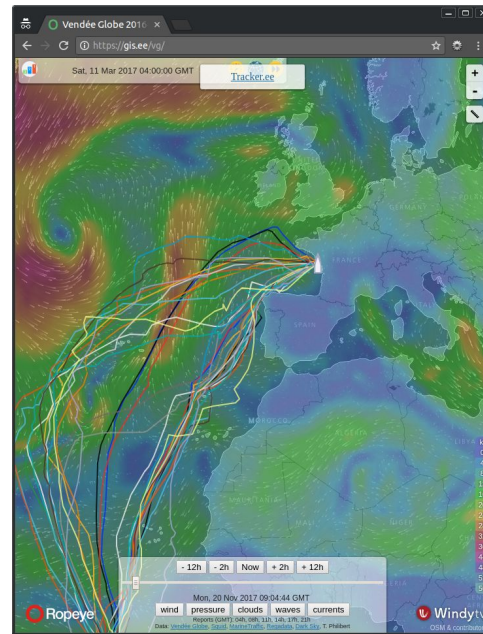
- Satisfaction
  - I use it! :)
  - Tweets + emails to congratulate the work done
- Alternative trackers using it as it data source :
  - <https://gis.ee/vg/>
- Oceanographer to use the data with machine learning to explore routing analysis
- A ride on an IMOCA
- A little (tiny!) job @ Géovoile
  - Looking for more ;)

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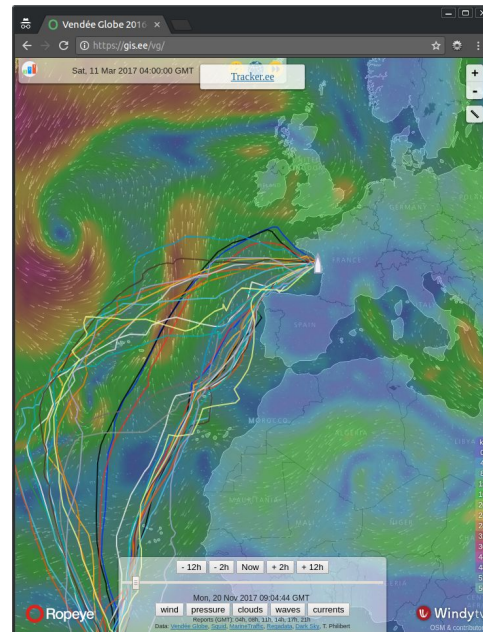
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# Future?

- Geojson -> github ?
- Rewrite from scratch!
  - Symfony4 (w/ Elasticsearch)
  - Material design
- Social networks
  - Better integration with Twitter
  - Integration with Facebook
- List in-race videos (youtube / dailymotion)
- <https://datproject.org/>

