# Un exemple de développement dans l'écosytème javascript

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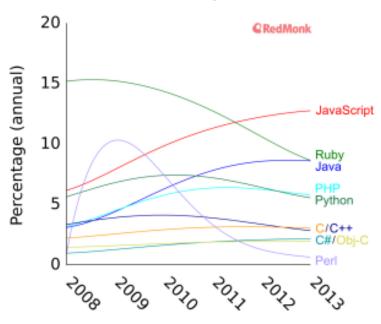
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## WHAT'S COOL IN 2014?



#### New GitHub repositories



HTML5

jQuery

Bootstrap

AngularJS

NodeJS

JS is getting more and more popular ...



#### THE SVOM MISSION



A French-Chinese space mission dedicated to Gamma Ray Burst studies Launch likely in 2021

#### Scientific requirements

Permit the detection of all know types of GRBs, with a special care on high-z GRB and low-z sub-luminous GRB

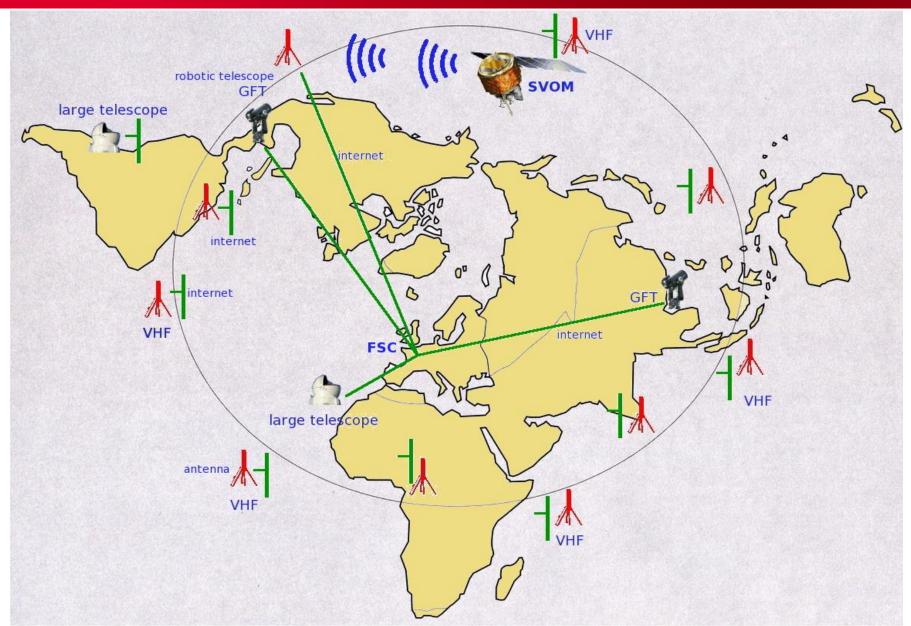
Quickly provide (sub-) arcsec positions of detected afterglows

Quickly provide redshift indicators of detected GRBs



# THE SVOM COMPONENTS

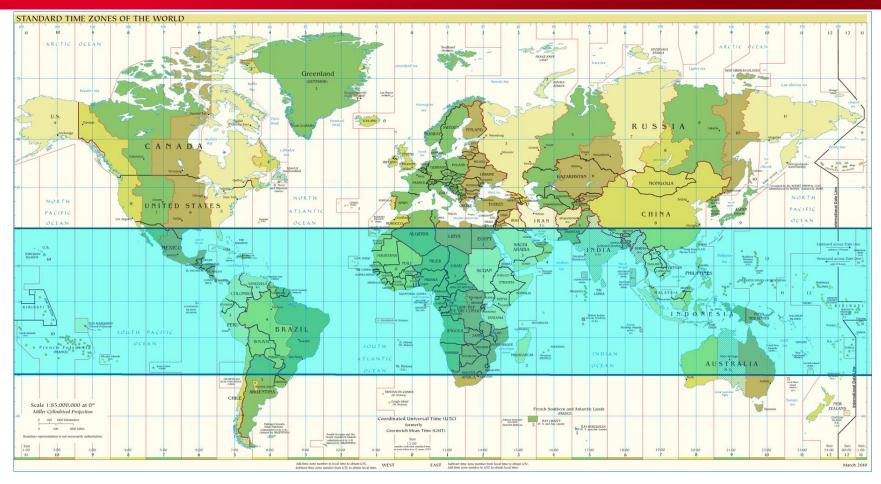






## THE VHF NETWORK AREA





Help wanted!

We are seeking places where to install our VHF receivers ...



#### THE REGISTRATION WEB SITE



#### http://svomtest.svom.fr



Svom		Sugar	n VHF hosting managemer
Svoiii		2401	II VI II HOSTING MANAGEMEN
	Welcome	to the Svom VHF Hosting web site!	
the observation and characterisatic Once detected by the on-board inst minutes that something has been se spacecraft.	on of the Gamma-Ray Bursts for ruments GRB must be observed een by the spacecraft a messa	th China, consists in developing an X and gamma-ray astronomy mission the deep Universe.  red by ground-based telescopes as rapidly as possible. To inform obser age will be transmitted by a VHF radio link to the ground toward the re	vatories within a couple of ceivers located below the
Read more about the Svom mission			-,
web application.			
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100% pure javascript Responsive web

V1.0 coming soon!



#### **SERVER SIDE ARCHITECTURE**

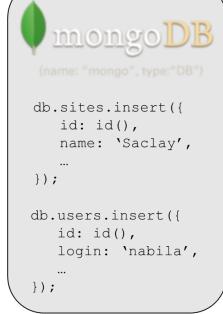




# Express framework for NodeJs

# The server side

#### mongoose





## THE CLIENT SIDE



## In the browser



Client-side framework

Model

View

Controller



#### **Bootstrap**

Toolkit, css, html5 widgets

#### **Bootswatch**

Themes



## **SOME COMMENTS**



- Rapid development
- Rich environment
- Excellent performances
- Nice web GUI

- Disappointing documentation
- Difficult design

