Everything simple for simply everyone

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SASA

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STÄDTISCHER AUTOBUS SERVICE AG

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Open Data & APIs

SASA has decided to give the community all the following data under the CC-3.0-BY-SA licence. Feel free to be innovative and creative and try it out!

- Planned data (Zipfile and Webservice)
- Realtime positions (JSON Webservice)
- Realtime stationboard informations (Webservice)
- Latest service related news (XML, Json Webservice)
- Routing engine (XML Webservice)

Planned data

The zipfile with the planned data is structured in a format called VDV 452. The files themselves are created following the instructions given in VDV 451. Even if there are many files which in 452 do not exist, they are empty and should not have any impact on the other files.

If you want to implement GTFS, then use this opensource tool to create some GTFS for your application.

Some developers might be interested in web services rather then in files and therefore we have decided to put up some webservice to provide the planned data, too. On this site you find some documentation about the webservice and learn how to use the data to build your application. Examples can be found here.

Real-time positions

The real-time positions are available under the URL realtime.opensasa.info.

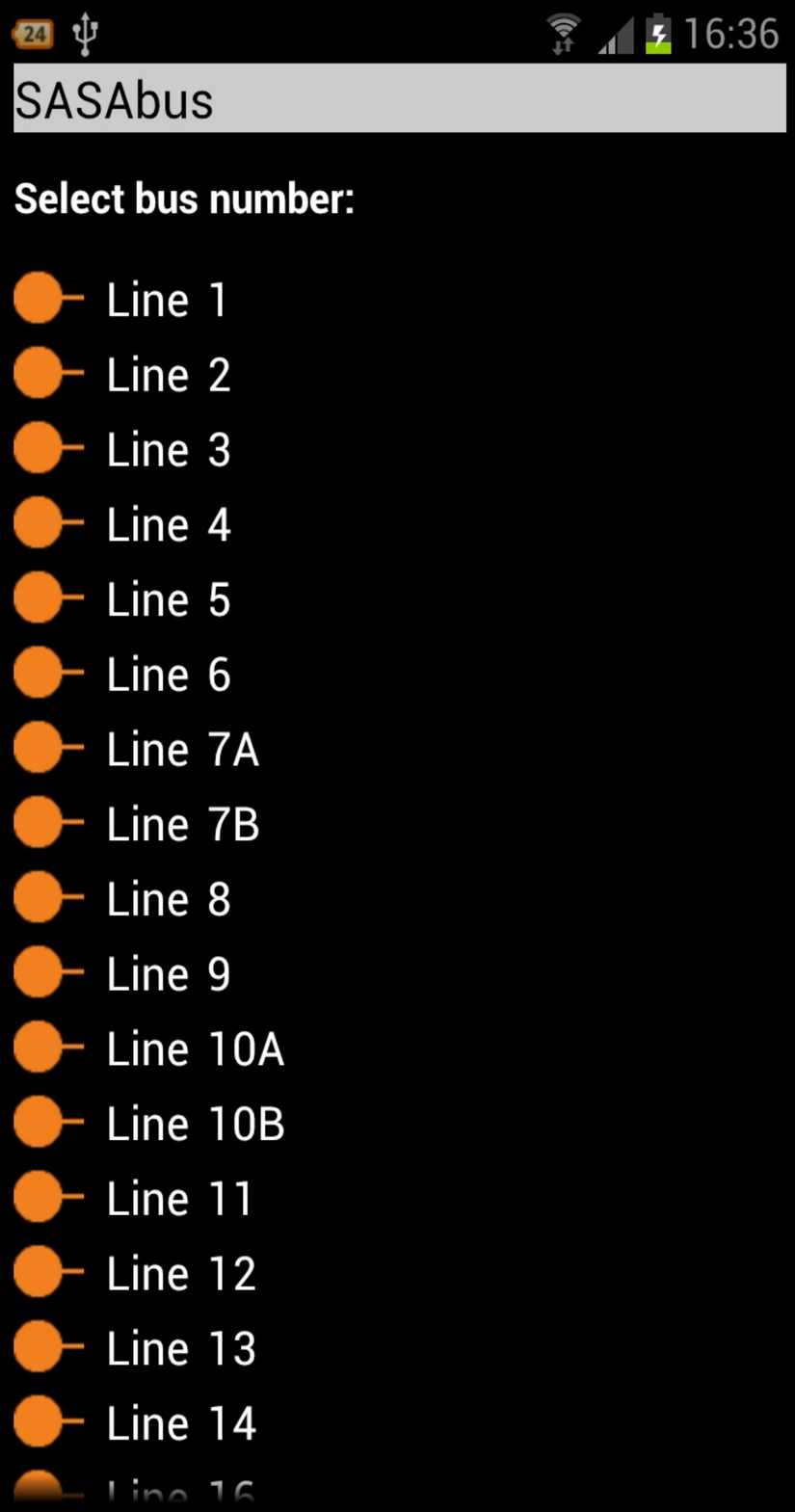
This is only a short documentation - don't think that it is complete:

All the requests return some geojson.

`http://realtime.opensasa.info/positions?lines=4:1`

This allows you to query the service for all vehicles on line number 4 and variant 1. "Linenumber" and "variantnumber" can be extracted from the vdv-webservice or the vdv-zip-file (REC_LID).

2011


16:36
SASAbus
Select bus number:
Line 1
Line 2
Line 3
Line 4
Line 5
Line 6
Line 7A
Line 7B
Line 8
Line 9
Line 10A
Line 10B
Line 11
Line 12
Line 13
Line 14

2013 -?

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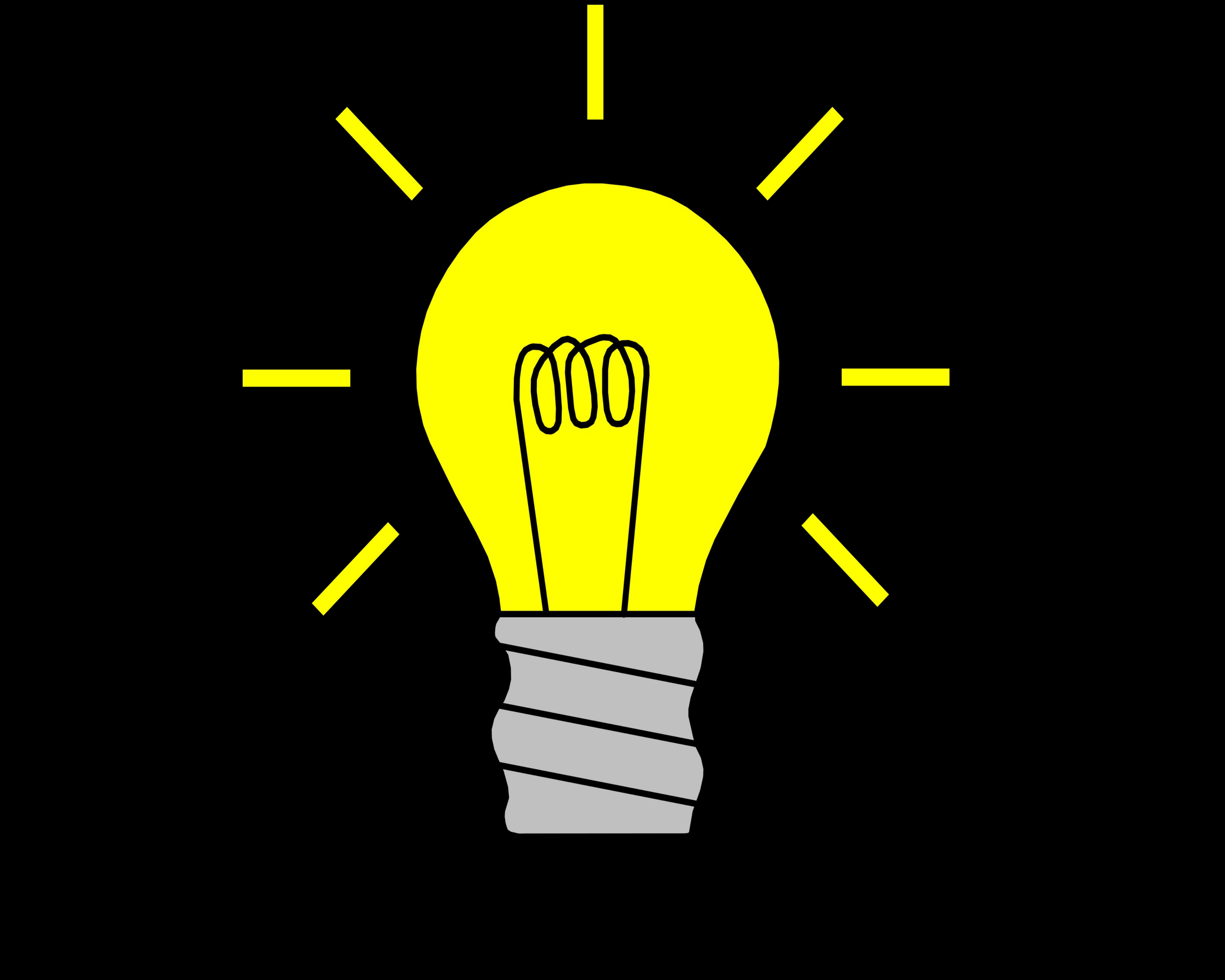

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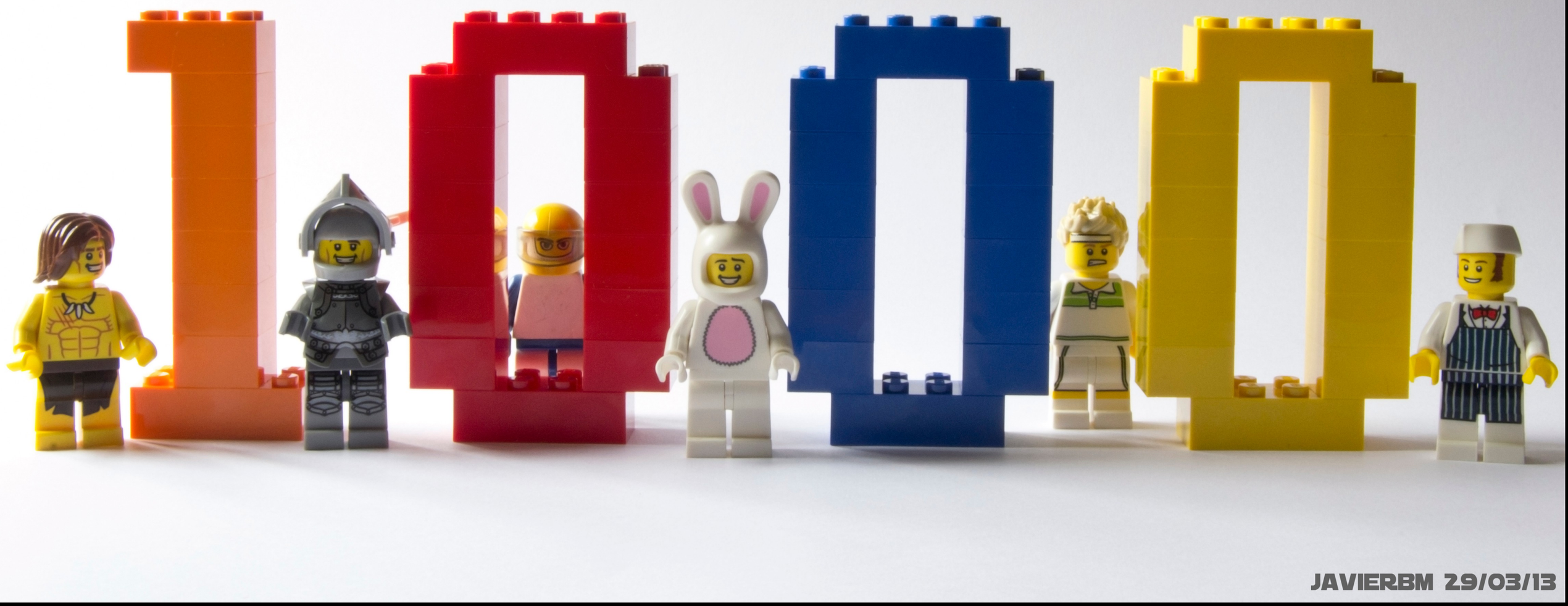
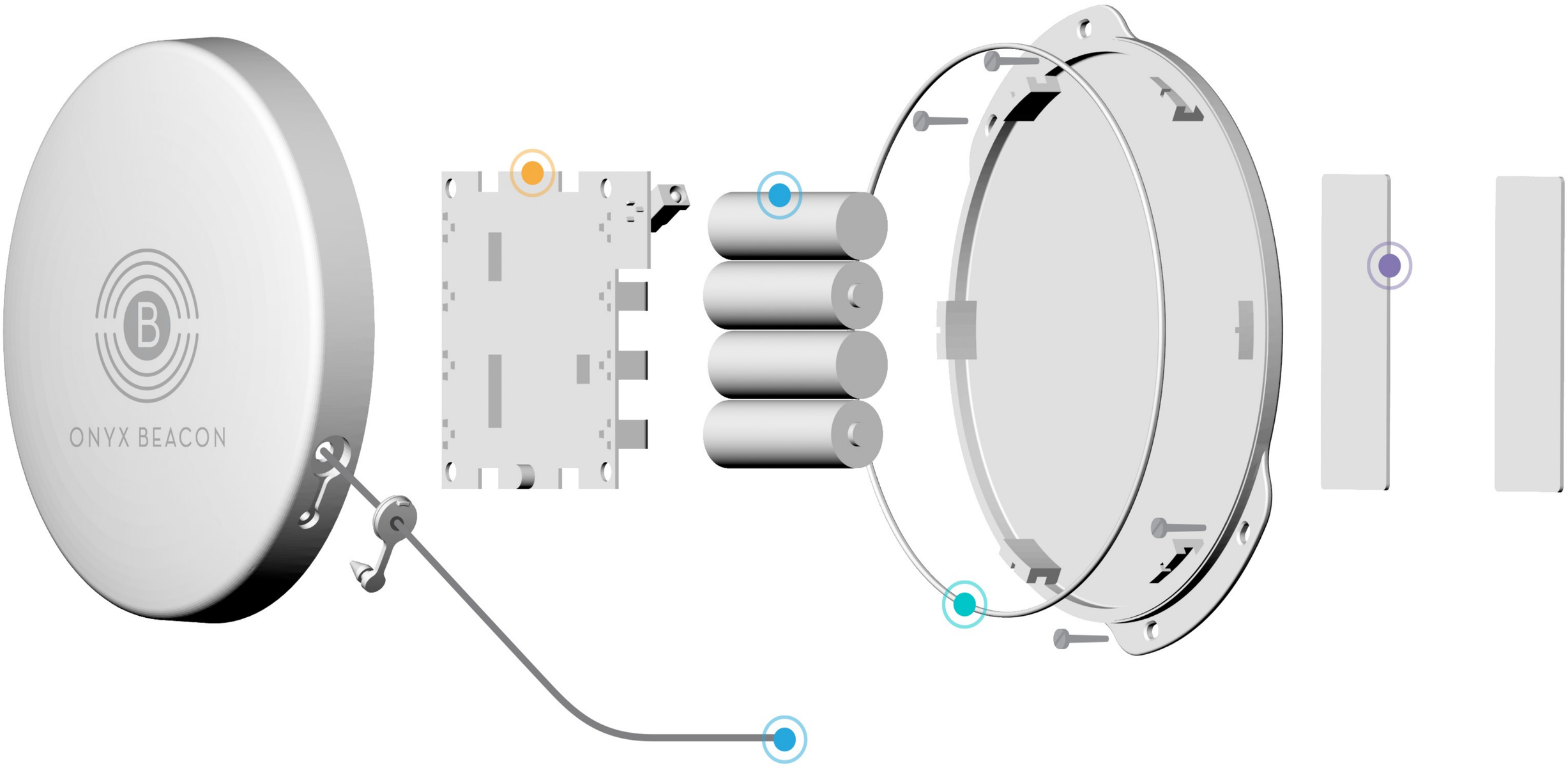


JAVIERBM 29/03/13

ONYX BEACON



Smart Public Transport

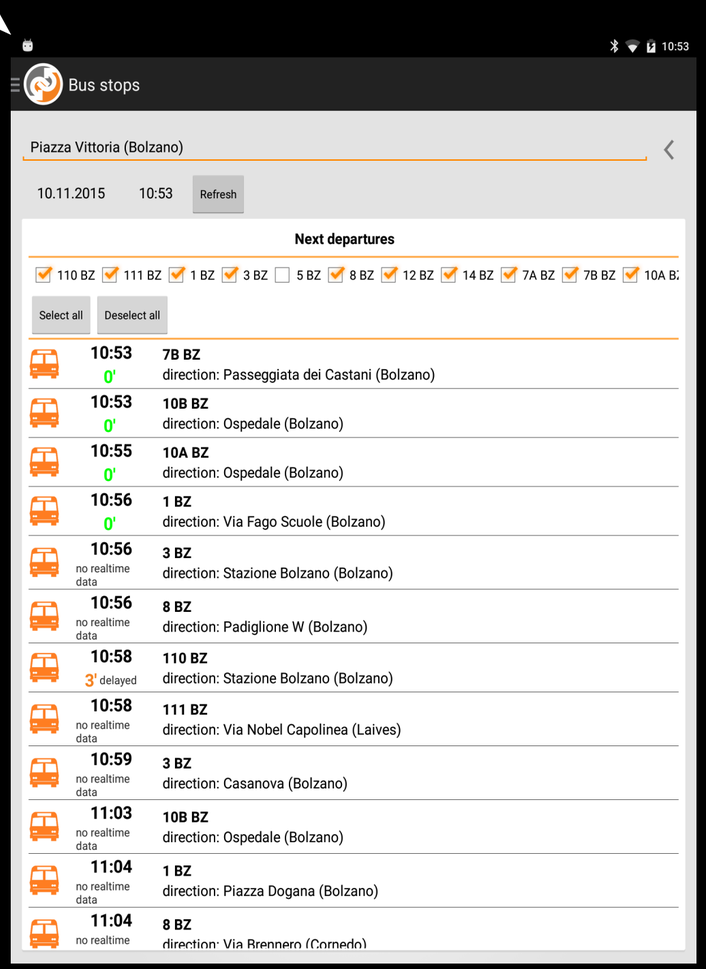
ONYX BEACON

www.onyxbeacon.com

BusstopID

realtime.opensasa.info

Realtime Informations



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NEXT STEPS

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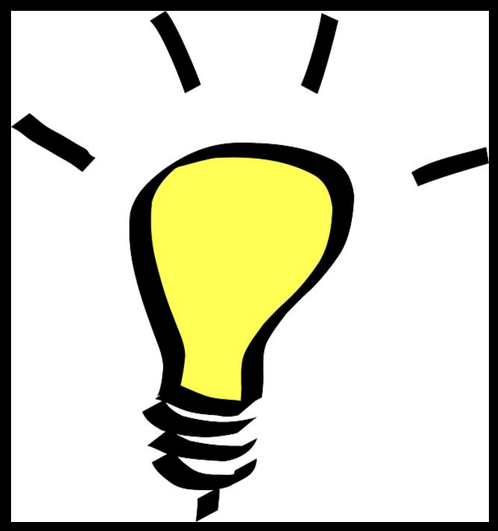
Use it!



The problem is never how to get new, innovative thoughts into your mind, but how to get old ones out. Every mind is a building filled with archaic furniture. Clean out a corner of your mind and creativity will instantly fill it.

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https://github.com/SASAbus