

Proposal for presentation at workshop Linking Geospatial Data

<http://www.w3.org/2014/03/lgd/>

We propose to present a scenario for the use of a wearable like GLASS for first aid responders like firefighters. See as an example <http://www.13wmaz.com/story/local/2013/09/27/3424151/>

In our group we have specialists well versed in the technology and background of GIS. One of our contributing experts is Dr. S.F van Dijk who wrote this PHD dissertation <http://dspace.library.uu.nl/bitstream/handle/1874/864/full.pdf>

Based on that expertise we will show a stimulation of the saving of the Mona Lisa painting with the help of wearable displays inside the Louvre Museum.

This case will show

- ✓ The use of URI's in a layered fashion, based on a position constraint in the data grid. From wide data on a routing map towards highly localized data inside a building. As we progress in the scenario new uri's will be loaded based on the needed dataset for the execution of the task. The potential for vectorization will be addressed.
- ✓ The constraint will clip the display and retrieval of guiding data to the bare minimums needed for effective execution of the task inside a highly localized dataset. Analog to pilot HUD's.
- ✓ Clipping is known technique in the rendering of 3D images.
[http://en.wikipedia.org/wiki/Clipping_\(computer_graphics\)](http://en.wikipedia.org/wiki/Clipping_(computer_graphics))
- ✓ As the scenario evolves we will show on each step of the localization which data are drawn based on which open data sets and available parsers.
- ✓ The parser will filter the data in such a way that the operator in this case a fire man will not be overloaded but has enough data to execute his task to save the Mona Lisa painting inside the burning Louvre effectively.

THEFRAMEHOLDING.COM

Independent new media consultancy

Company Purpose

Delivering highly localized device agnostic real time data parsing for the new augmented reality wearable and flat device computing paradigm as a SaaS framework or as one-on-one solution provider. Our operational partner is <http://ortec.com>

Problem

Wearable computing, starting with google Glass will have a profound impact on the computing paradigm as we know it. Many professional institutions will like to quickly adapt to this new computing paradigm, for its affordability and its hands-free usage. The challenge for these willing early adopters will be the instant delivery of readily parsed datasets for all kinds of environments mapped to the SDK's and GDK's for the current and emerging devices. We envision the first set of uses to be in highly localized environments i.e industrial building lay-outs, logistics(order picking, forklift truck lanes, etc.). The pain for the customers is that the available datasets for them to use are often not available or not granular enough (Google Maps, TomTom) to be useful inside their premises.

Optimized routing inside localized environments is mostly done through routing signal design and or paper or (mobile) display briefing.

Solution

Send us your data and get them back as usable wearable computing apps. Wearable products like Google Glass will become available in 2014. We will deliver a SaaS based real time data parser for the Glass SDK and GDK, that can easily and effortlessly be implemented on highly localized use cases. This will enable customers to quickly implement the use of wearable computing based on their own datasets.

Our position in the value chain.



Amstelboulevard 28, 1096 HH Amsterdam, tel. +31206274288

jan.willem.doorenbos@theframeholding.com

THEFRAMEHOLDING.COM

Independent new media consultancy

Amstelboulevard 28, 1096 HH Amsterdam, tel. +31206274288

jan.willem.doorenbos@theframeholding.com

THEFRAMEHOLDING.COM

Independent new media consultancy

Relevant links:

<http://www.google.com/glass/start/>

<https://www.spaceglasses.com/>

<http://youtu.be/RSgxTqpnHNA>

<http://glasseffect.nl/>

<https://www.layar.com/>

<https://developers.google.com/glass/develop/gdk/quick-start>

<http://glass-apps.org/>

<http://cloudmade.com/>

<http://www.nytimes.com/2013/12/29/science/brainlike-computers-learning-from-experience.html>

<http://theframeholding.com/>

<http://www.ortec.com>

http://blogs.forrester.com/jp_gownder/14-01-06-wearables_20_at_ces_2014_richer_business_models_and_enterprise_relevance

Amstelboulevard 28, 1096 HH Amsterdam, tel. +31206274288

jan.willem.doorenbos@theframeholding.com