

Sensor Readings Scaling #47

Closed

 ppyordanov opened this issue on Nov 11, 2014 · 2 comments

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New issue

<>

?

PY

ppyordanov commented on Nov 11, 2014

Sensor readings need to be scaled in order to define maximum value range according to associated health risks (ear trauma/ damage regarding noise and lung issues considering co and no2 for example).  
  
Currently scaling is done relevantly to the predominant value range in the data set.

ppyordanov added the enhancement label on Nov 11, 2014

ppyordanov self-assigned this on Nov 11, 2014

ppyordanov added this to the Mobile Web Application milestone on Nov 11, 2014

ppyordanov referenced this issue on Nov 11, 2014

Sensor Data Formatting #48

Closed

PY

ppyordanov commented on Nov 11, 2014

Here are some relevant materials, that I have been gathering and will be using to construct the scales:

- Air quality index: [http://en.wikipedia.org/wiki/Air\\_quality\\_index](http://en.wikipedia.org/wiki/Air_quality_index) (scale provided)
- Air pollution index: [http://en.wikipedia.org/wiki/Air\\_Pollution\\_Index](http://en.wikipedia.org/wiki/Air_Pollution_Index) (scale and values in **ppm** provided)
- Carbon Monoxide levels categorized into charts: [http://www.engineeringtoolbox.com/carbon-monoxide-d\\_893.html](http://www.engineeringtoolbox.com/carbon-monoxide-d_893.html)
- Nitrogen Dioxide health effects: [http://www.dnrm.qld.gov.au/\\_\\_data/assets/pdf\\_file/0020/212483/2-health-effects-of-nitrogen-dioxide.pdf](http://www.dnrm.qld.gov.au/__data/assets/pdf_file/0020/212483/2-health-effects-of-nitrogen-dioxide.pdf)
- Nitrogen Dioxide exposure limits + health effects: [https://www.osha.gov/dts/chemicalsampling/data/CH\\_257400.html](https://www.osha.gov/dts/chemicalsampling/data/CH_257400.html)

ppyordanov referenced this issue from a commit on Jan 19

[VALUE\_SCALING]

c0bb0c1

ppyordanov referenced this issue from a commit on Jan 27

[IMPROVEMENTS] configuration + user feedback UI

227138a

ppyordanov referenced this issue from a commit on Jan 27

[FORMATTING]

b495d29

ppyordanov referenced this issue from a commit on Jan 27

[BIG\_ITERATION] map configuration + route generation improvements

ed722f0

Labels

enhancement

Milestone

Mobile Web Applic...

Assignee

ppyordanov

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1 participant

ppyordanov

Lock issue

- ppyordanov referenced this issue from a commit on Jan 27
- [BIG\_ITERATION] map config + route generation e1daa01
- 
- ppyordanov referenced this issue from a commit on Jan 27
- [BIG\_ITERATION] map configuration + route generation 5a23dd3
- 
- ppyordanov referenced this issue from a commit on Jan 27
- [BIG\_ITERATION] 2980906
- 
- ppyordanov referenced this issue from a commit on Jan 27
- [ITERATION] 48cc941

ppyordanov commented on Jan 27

*This issue is in its final implementation stage at this time.*

ppyordanov closed this on Jan 27

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