ppyordanov / **Dynamic-Noise-and-Pollution-Map** PRIVATE

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Client-server Data Transmission #63

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⊘ Closed   **ppyordanov** opened this issue on Dec 10, 2014 · 1 comment

ppyordanov commented on Dec 10, 2014

There is a bug when transmitting data between the client and the server. Sensor values are not updated and only the initial array value is transmitted.

ppyordanov added the bug label on Dec 10, 2014

ppyordanov self-assigned this on Dec 10, 2014

ppyordanov added this to the **Mobile Web Application** milestone on Dec 10, 2014

ppyordanov referenced this issue from a commit on Dec 10, 2014

⊷ ◇ PY [BUG_FIX] there was a bug with client-server data transmission, resolved   💬 694741d

ppyordanov commented on Dec 10, 2014

This issue has now been resolved. The "sample_data" JSON structure (represented as an associative array in JavaScript) needs to be re-initialized (reset) after each array data aggregation.

Re-assigning values of separate key-value mappings is more unsafe compared to the current approach:

```
function getSCKData(location, routeId)
{
    sample_data = {
        no2: "",
        co: "",
        noise: "",
        battery: "",
        latitude: "",
        longitude: "",
        routeId: ""
    };

    ...
    }
```

Logged data:

```
Object { devices: Array[1] }                                                      track.js:107
Object { devices: Array[1] }                                                      track.js:107
Object { devices: Array[1] }                                                      track.js:107
Object { json: "[{"no2":51.15,"co":132.52,"noise":58.43,"battery":100,"latitude":55.889519,"longitude":-4.2783412,"routeId":1418176770740},   track.js:224
{"no2":51.15,"co":139.22,"noise":58.79,"battery":100,"latitude":55.889519,"longitude":-4.2783412,"routeId":1418176800772},
{"no2":51.08,"co":137.5,"noise":59.2,"battery":100,"latitude":55.889519,"longitude":-4.2783412,"routeId":1418176830805}]"  }
```

⊘ **ppyordanov** closed this on Dec 10, 2014

Labels ⚙

bug

Milestone ⚙

Mobile Web Applic...

Assignee ⚙

PY ppyordanov

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PY

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