Time change scripts changes

Introduction

Now we that we had tested point to point geolocation (depends of the method used with IP address) we want to trace path automaticaly. How to do that?

The map.html version

It is simple. We need to use html with a timer that refrech periodicaly the browser.
Here a version of the map.html:

```
<html>
<head>
        <META HTTP-EQUIV="refresh" CONTENT="300">
        <script>
                var a=0;

                function loadXMLDoc() {
                        var xmlhttp;
                        if (window.XMLHttpRequest) {// code for IE7+, Firefox,
Chrome, Opera, Safari

                                xmlhttp=new XMLHttpRequest();
                        } else {// code for IE6, IE5
                                xmlhttp=new ActiveXObject("Microsoft.XMLHTTP");
                        }
                        xmlhttp.onreadystatechange=function() {
                                if (xmlhttp.readyState==4 &&
xmlhttp.status==200) {

document.getElementById("myDiv").innerHTML= new Date(); //xmlhttp.responseText;
                                }
                        }
                        xmlhttp.open("GET","cgi-bin/album.cgi?
googid=FIRSTTEST&gmv=3-0",true);
                        xmlhttp.send();
                }
                //window.setTimeout(loadXMLDoc,1000);
                loadXMLDoc();
        </script>
</head>
<body onload="myFunction()">
        <div id="myDiv"><h2>Let AJAX change this text</h2></div>
</body>
</html>
```
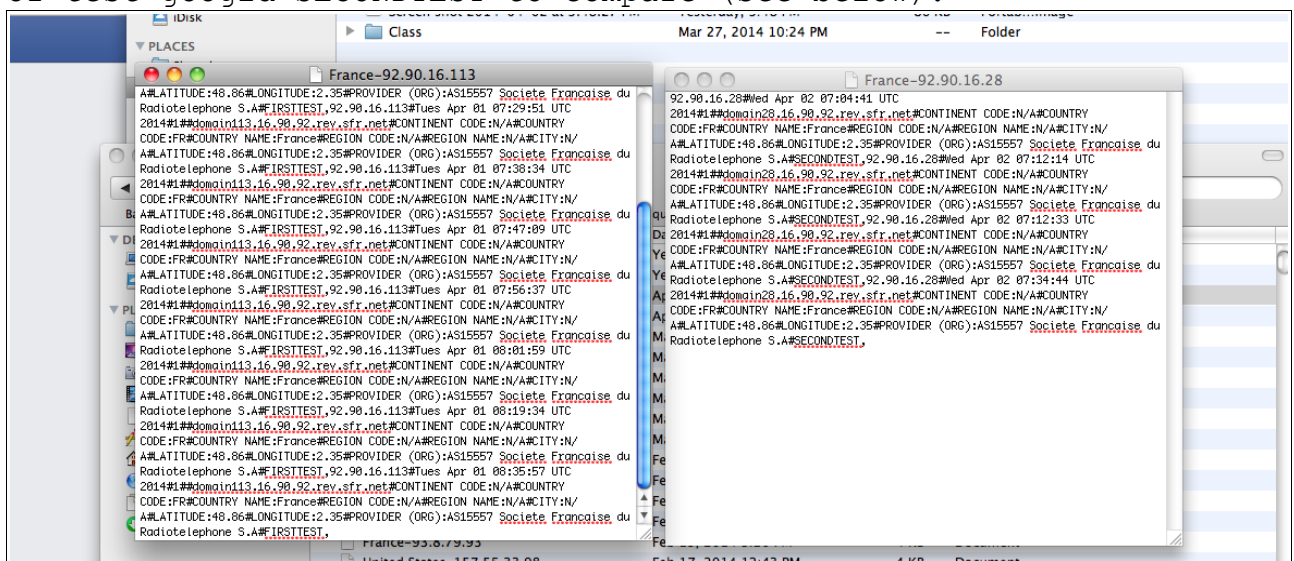
Map.html script

The HMI[1] will introduce the paths:

---

1   Human Man Interface

Menu to create paths

The How does it work with this version

With a huge data base we need to tell witch points (geo coordinates) it belongs to. An interface[2].was designed to name the trip. With the map.html script (see upper frame) in the url the trip name is given. Here as a test we use **cgi-bin/album.cgi? googid=FIRSTTEST&gmv=3-0** no need to specify the complete url. Googid is used to identify the trip.

At the server side a file is created. We need to do a second set of test googid=SECONDTEST to compare (see below):

two set of tests for the comparison

---

2 See document Album project – Doc_20140210architecture of the album admin part.pdf

```
92.90.16.113#Tues Apr 01 06:54:21 UTC
2014#1##domain113.16.90.92.rev.sfr.net#CONTINENT CODE:N/A#COUNTRY
CODE:FR#COUNTRY NAME:France#REGION CODE:N/A#REGION
NAME:N/A#CITY:N/A#LATITUDE:48.86#LONGITUDE:2.35#PROVIDER
(ORG):AS15557 Societe Francaise du Radiotelephone
S.A#FIRSTTEST,92.90.16.113#Tues Apr 01 06:59:26 UTC
2014#1##domain113.16.90.92.rev.sfr.net#CONTINENT CODE:N/A#COUNTRY
CODE:FR#COUNTRY NAME:France#REGION CODE:N/A#REGION
NAME:N/A#CITY:N/A#LATITUDE:48.86#LONGITUDE:2.35#PROVIDER
(ORG):AS15557 Societe Francaise du Radiotelephone
S.A#FIRSTTEST,92.90.16.113#Tues Apr 01 07:12:51 UTC
2014#1##domain113.16.90.92.rev.sfr.net#CONTINENT CODE:N/A#COUNTRY
CODE:FR#COUNTRY NAME:France#REGION CODE:N/A#REGION
NAME:N/A#CITY:N/A#LATITUDE:48.86#LONGITUDE:2.35#PROVIDER
(ORG):AS15557 Societe Francaise du Radiotelephone
S.A#FIRSTTEST,92.90.16.113#Tues Apr 01 07:29:51 UTC
2014#1##domain113.16.90.92.rev.sfr.net#CONTINENT CODE:N/A#COUNTRY
CODE:FR#COUNTRY NAME:France#REGION CODE:N/A#REGION
NAME:N/A#CITY:N/A#LATITUDE:48.86#LONGITUDE:2.35#PROVIDER
(ORG):AS15557 Societe Francaise du Radiotelephone
S.A#FIRSTTEST,92.90.16.113#Tues Apr 01 07:38:34 UTC
2014#1##domain113.16.90.92.rev.sfr.net#CONTINENT CODE:N/A#COUNTRY
CODE:FR#COUNTRY NAME:France#REGION CODE:N/A#REGION
NAME:N/A#CITY:N/A#LATITUDE:48.86#LONGITUDE:2.35#PROVIDER
(ORG):AS15557 Societe Francaise du Radiotelephone
S.A#FIRSTTEST,92.90.16.113#Tues Apr 01 07:47:09 UTC
2014#1##domain113.16.90.92.rev.sfr.net#CONTINENT CODE:N/A#COUNTRY
CODE:FR#COUNTRY NAME:France#REGION CODE:N/A#REGION
NAME:N/A#CITY:N/A#LATITUDE:48.86#LONGITUDE:2.35#PROVIDER
(ORG):AS15557 Societe Francaise du Radiotelephone
S.A#FIRSTTEST,92.90.16.113#Tues Apr 01 07:56:37 UTC
2014#1##domain113.16.90.92.rev.sfr.net#CONTINENT CODE:N/A#COUNTRY
CODE:FR#COUNTRY NAME:France#REGION CODE:N/A#REGION
NAME:N/A#CITY:N/A#LATITUDE:48.86#LONGITUDE:2.35#PROVIDER
(ORG):AS15557 Societe Francaise du Radiotelephone
S.A#FIRSTTEST,92.90.16.113#Tues Apr 01 08:01:59 UTC
2014#1##domain113.16.90.92.rev.sfr.net#CONTINENT CODE:N/A#COUNTRY
CODE:FR#COUNTRY NAME:France#REGION CODE:N/A#REGION
NAME:N/A#CITY:N/A#LATITUDE:48.86#LONGITUDE:2.35#PROVIDER
(ORG):AS15557 Societe Francaise du Radiotelephone
S.A#FIRSTTEST,92.90.16.113#Tues Apr 01 08:19:34 UTC
2014#1##domain113.16.90.92.rev.sfr.net#CONTINENT CODE:N/A#COUNTRY
CODE:FR#COUNTRY NAME:France#REGION CODE:N/A#REGION
NAME:N/A#CITY:N/A#LATITUDE:48.86#LONGITUDE:2.35#PROVIDER
(ORG):AS15557 Societe Francaise du Radiotelephone
S.A#FIRSTTEST,92.90.16.113#Tues Apr 01 08:35:57 UTC
2014#1##domain113.16.90.92.rev.sfr.net#CONTINENT CODE:N/A#COUNTRY
CODE:FR#COUNTRY NAME:France#REGION CODE:N/A#REGION
NAME:N/A#CITY:N/A#LATITUDE:48.86#LONGITUDE:2.35#PROVIDER
(ORG):AS15557 Societe Francaise du Radiotelephone S.A#FIRSTTEST,
```

First file France-92.90.16.113

Now the second file:

```
92.90.16.28#Wed Apr 02 07:04:41 UTC
2014#1##domain28.16.90.92.rev.sfr.net#CONTINENT CODE:N/A#COUNTRY
CODE:FR#COUNTRY NAME:France#REGION CODE:N/A#REGION
NAME:N/A#CITY:N/A#LATITUDE:48.86#LONGITUDE:2.35#PROVIDER
(ORG):AS15557 Societe Francaise du Radiotelephone
S.A#SECONDTEST,92.90.16.28#Wed Apr 02 07:12:14 UTC
2014#1##domain28.16.90.92.rev.sfr.net#CONTINENT CODE:N/A#COUNTRY
CODE:FR#COUNTRY NAME:France#REGION CODE:N/A#REGION
NAME:N/A#CITY:N/A#LATITUDE:48.86#LONGITUDE:2.35#PROVIDER
(ORG):AS15557 Societe Francaise du Radiotelephone
S.A#SECONDTEST,92.90.16.28#Wed Apr 02 07:12:33 UTC
2014#1##domain28.16.90.92.rev.sfr.net#CONTINENT CODE:N/A#COUNTRY
CODE:FR#COUNTRY NAME:France#REGION CODE:N/A#REGION
NAME:N/A#CITY:N/A#LATITUDE:48.86#LONGITUDE:2.35#PROVIDER
(ORG):AS15557 Societe Francaise du Radiotelephone
S.A#SECONDTEST,92.90.16.28#Wed Apr 02 07:34:44 UTC
2014#1##domain28.16.90.92.rev.sfr.net#CONTINENT CODE:N/A#COUNTRY
CODE:FR#COUNTRY NAME:France#REGION CODE:N/A#REGION
NAME:N/A#CITY:N/A#LATITUDE:48.86#LONGITUDE:2.35#PROVIDER
(ORG):AS15557 Societe Francaise du Radiotelephone S.A#SECONDTEST,
```

Second file France-92.90.16.28

We notice that we have different IP addresses. Now we notice have at each tic (screen refreshing) that the date is changing. Still in the same file (then IP address). Geolocation coordinates are the same. Different IP address but same coordinates. We need to find another solution.

Conclusion of this test
We know that point to point geolocations are working well. We need to find a way find a solution to get new geolocation coordinates.

New experiment
Switch on gps and switch off gps then restart operation on different location (few meters) it is ok with gps coordinates.

Two IP = two geo coordinates.... Checks if a sol can be found by this way...

see screen shots below

Thu Apr 03 2014 04:13:31 GMT+0200 (CEST Latitude: 48.8363553 Longitude: 2.3589686 Try It	Thu Apr 03 2014 04:15:27 GMT+0200 (CEST Latitude: 48.8363246 Longitude: 2.3589697 Try It
Test #1	Test #2

Conclusion
it works!!!