

On 20140401

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 automatically. How to do that?

The map.html version

It is simple. We need to use html with a timer that refresh periodically 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 HMI¹ will introduce the paths:

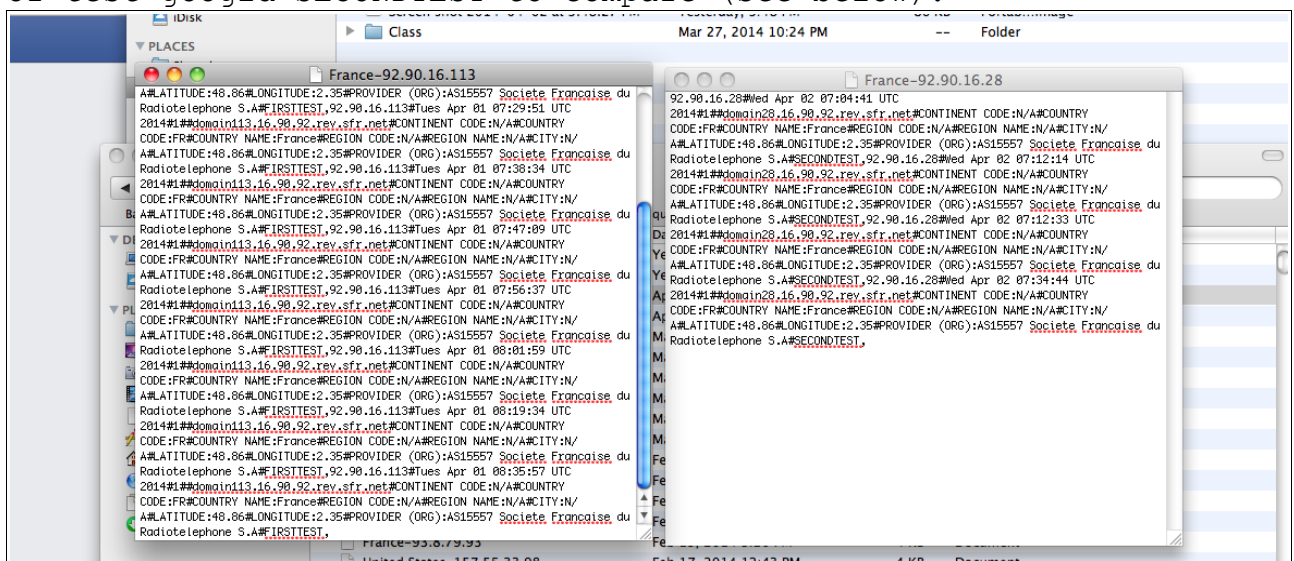
1 Human Man Interface

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 interface².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&gmw=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=SECONDTTEST 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,

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#SECONDTTEST,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#SECONDTTEST,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#SECONDTTEST,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#SECONDTTEST,
```

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.