

# Objective = a Windows batch file as a web-service

In this tutorial you will learn how to

*transform a Windows batch file into a web-service*



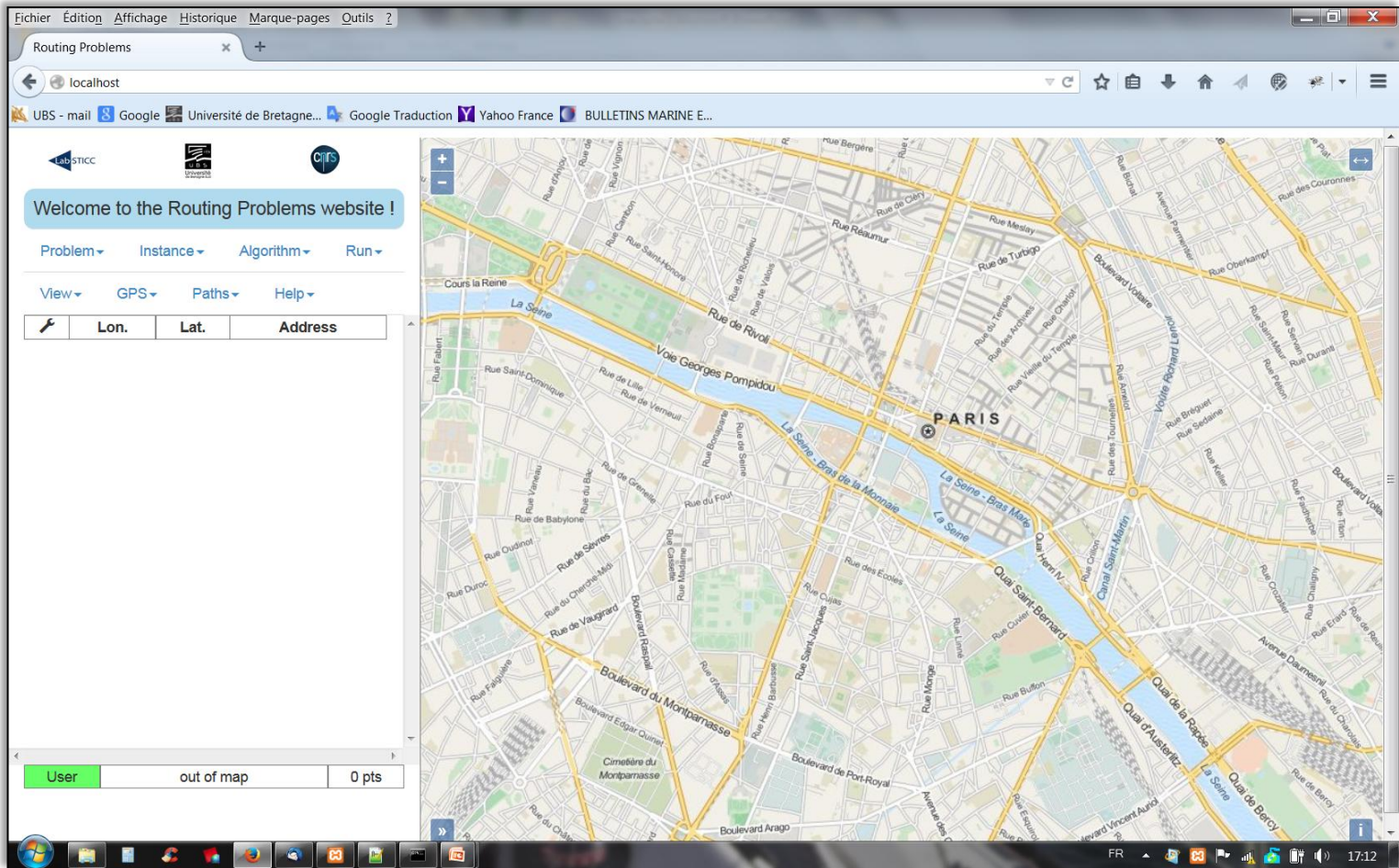
We suppose you are using Firefox, Chrome or IE.

We suppose you have a running, and well-configured, apache server on your PC.

*There is another tutorial ( $Y=AX+B$ ), which is very detailed.  
So, this time, we won't go into much GUI's details.*



# Start a browser with the URL "localhost"



You should see exactly this.



# Add a new problem

Specify a problem

Name:

Comment:

Parameters

Native  Set  Struct

Type is:  Integer  Real  Word  String  List

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Type is:  Integer  Real  Word  String  List

Two parameters: *name* will be an input, and *result* an output

# Add a new instance

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Routing Problems x +

localhost

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### Specify an instance

Problem name:  Capture Fenêtre

Instance name:  Comment:

Values

result (string, received text)

name (word, sent text to the service)

Load parameters Save instance Delete instance

User out of map 0 pts

# Add a new algorithm

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Routing Problems

localhost

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### Specify an algorithm

Problem name:

Algorithm name:  Remote PHP file name:

Comment:

Save algorithm Delete algorithm

User out of map 0 pts  
result=Hello Pierre

# Add a new run

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Routing Problems x Batch files - Command line... x +

localhost

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Specify a run

Problem name:

Run name:  Instance name:  Algorithm name:

Save Run Delete Run

	E	N	Île-de-France, FR
3	2.3824	48.8649	8 Passage de Ménéilmontant, Paris, 75011, Paris, Île-de-France, FR
	E	N	France, FR

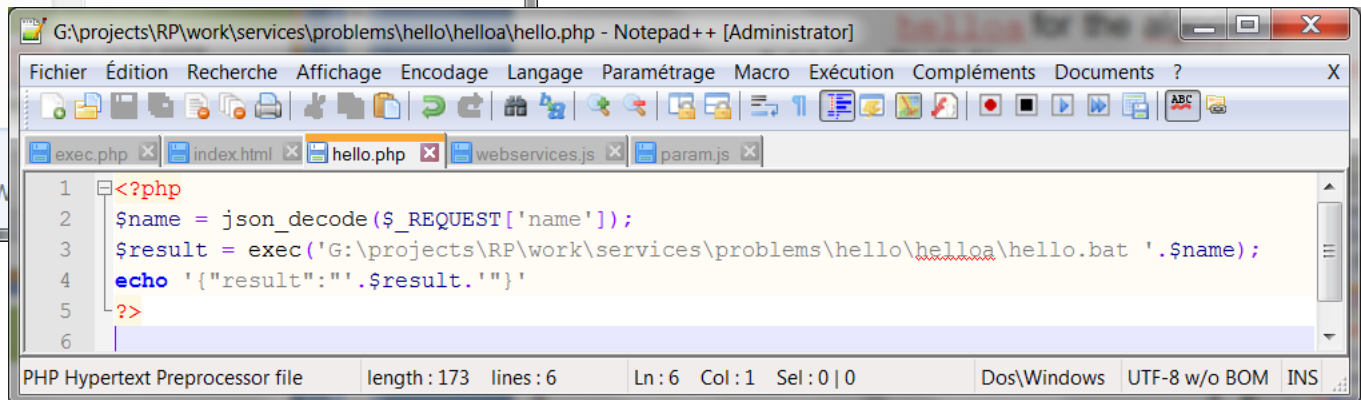
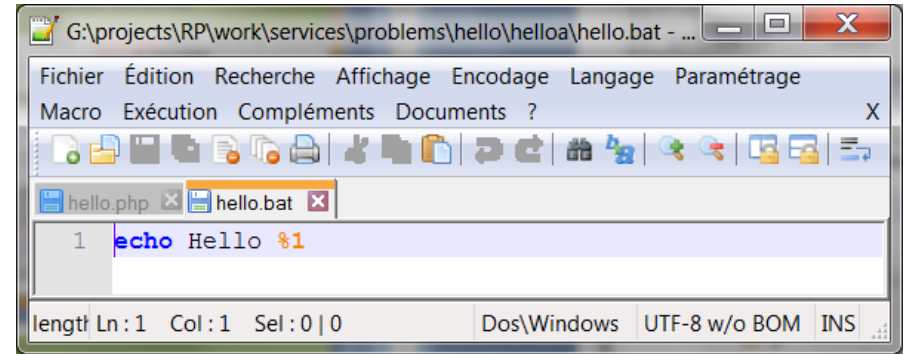
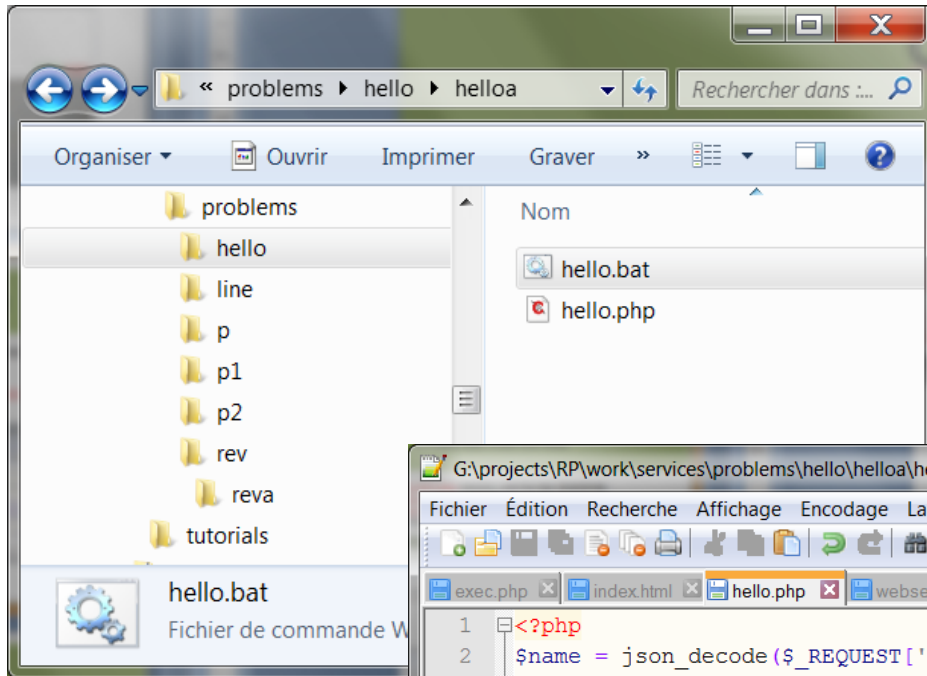
User out of map 3 pts

result=Hello Bommel



# Create the web-service

Under the `problems` directory, add the new directories  
`hello` for the problem and `helloa` for the algorithm  
Add the PHP file `hello.php` under `hello/helloa`  
Add the batch file `hello.bat` under `hello/helloa`



# See the result at the bottom

The screenshot shows a web browser window with the URL localhost. The page title is "Routing Problems". The interface includes a navigation menu with "Problem", "Instance", "Algorithm", and "Run" options. A table with columns "Lon.", "Lat.", and "Address" is visible. A dropdown menu is open, showing options: "New", "run (line)", "run (rev)", and "run (hello)". A red arrow points from the text "1/ Click here" to the "Run" button next to "run (hello)". Below the table, a red arrow points from the text "2/ Look at the result !" to the text "result=Hello Pierre" in the output area.

Welcome to the Routing Problems website !

Problem Instance Algorithm Run

View GPS Paths Help

Lon.	Lat.	Address

New

run (line) Run

run (rev) Run

run (hello) Run

1/ Click here

2/ Look at the result !

User out of map 0 pts

result=Hello Pierre

# See the instance

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Routing Problems x Diapositiva 1 - batch.pdf x +

localhost

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### Specify an instance

Problem name:

Instance name:  Comment:

Values

result (string, received text)

name (word, sent text to the service)

**Look !**

User out of map 0 pts  
result=Hello Pierre

# Conclusion



Congratulations !

You have created your 1rst web-service dealing with a Windows batch file.

