



Hop hop hop, it's time to live

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The Internet disrupts our perception of time and space.

Space may be immense, but it is also imperceptible.

The time we spend actively, which until recently was measurable and quantifiable, has been severely disrupted. We have lost all notion of time and space. We do not know how to measure ourselves in this immeasurable space.

"Hop Hop Hop, it's Time to live" offers two new units of measurement in order to precisely quantify our daily Web browsing: the hop and the ttl.

hop = number of relay servers required to connect to the requested URL

ttl = time required to load the data for each session

All this time spent online! Stop.... or Continue. Hop Hop Hop, it's time to live.



The ttl is inspired by TTL (Time to Live), a piece of data included in the header of an IP (Internet Protocol) packet. IP is the protocol that allows data to travel through the Internet.

Internet Header Format

extrait : [://tools.ietf.org/html/rfc791#section-3.1](http://tools.ietf.org/html/rfc791#section-3.1)

A summary of the contents of the internet header follows:

0	1	2	3
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1			
Version	HL	Type of Service	Total Length
Identification	Flags	Fragment Offset	
Time to Live	Protocol	Header Checksum	
Source Address			
Destination Address			
Options		Padding	

Example Internet Datagram Header

This piece was created following research on the new world, the world of packets.

[view the research booklet](#)

2012 - Albertine Meunier

Materials

Trans-Vital Box, Arduino, Arduino Ethernet Shield, Led displays, Wires, Babana plugs, Google Search

Programming

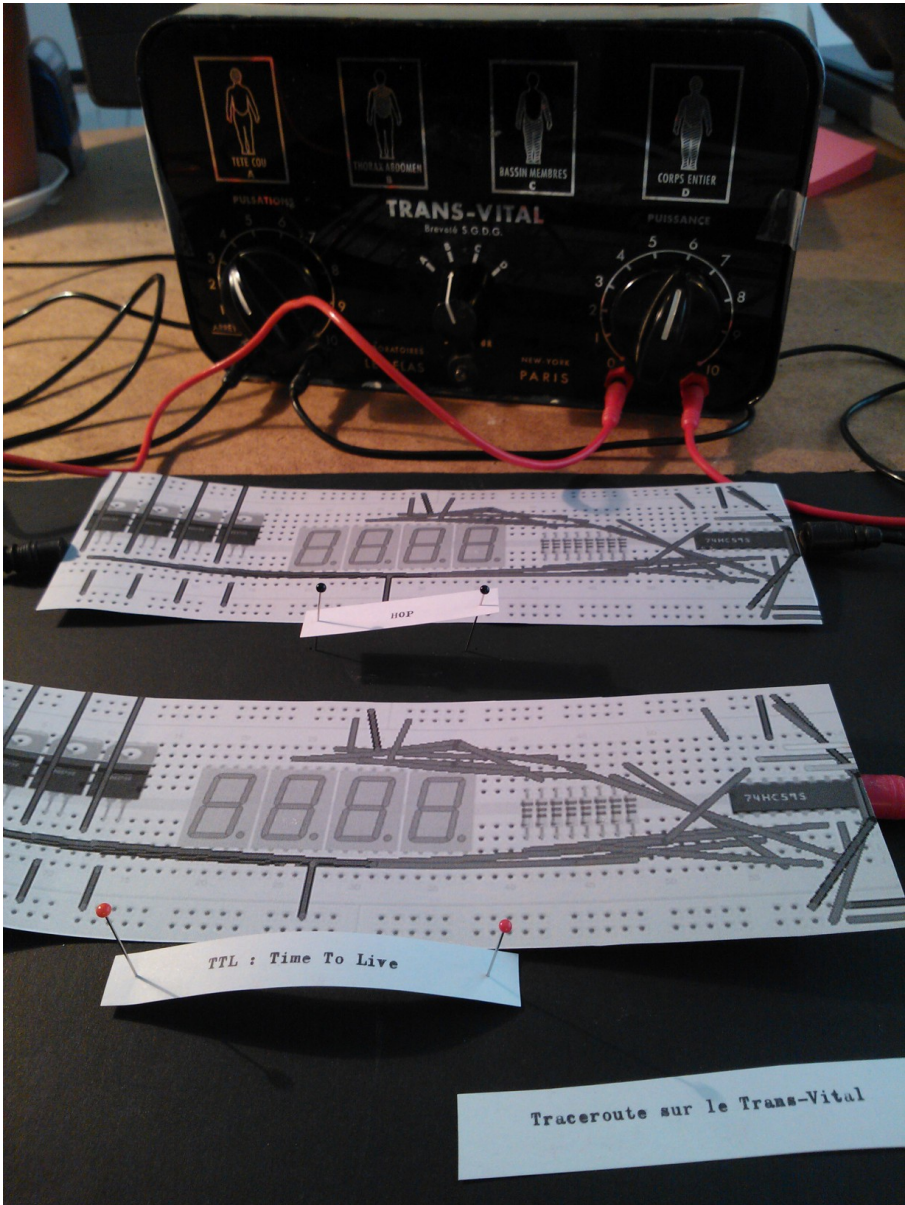
Sylvie Tissot
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Exhibitions

2012 Futur en Seine - le 104 - Paris, France
2012 Transmutation - La Tapisserie - Paris, France



Front of the machine



trial before the production



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