



TTCS

Tools for the development of Traffic Control Systems

VACS - Virtual Adaptive Traffic Controller

VACS server tester manual

License

The program is sole property of the University of California at Berkeley. It has been developed under a Volvo Foundation Grant y Marco Zennaro (<http://www.zennaro.net>). It is free to use for academic research and non-profit organizations. Use at your own risk. Neither the university or the developer are responsible of any damage or injury that can result by the use of this product.

Get the code

The code can be downloaded from the TTCS website at the following U.R.L.:

<http://tcs.zennaro.net>

Currently the binaries are available only for Microsoft window, 32 bit

Instructions

The VACS server tester is a program that can be used to test any VACS compliant server. It is simple to use. Simply double click on the executable to run it. The window in figure 1 opens up.

This is the description of each field:

- Select the VACS server IP address and port: modify the default address to specify the address of the VACS server you want to test;
- Type: used to specify the protocol version number (VACS 1.0 type is 1979);
- Packet #: it is a read-only field that keep tracks of the number of the packets sent so far;
- Packet XML content: where you can type the XML content of the packet;
- Drop down menu: it lets you select between some commonly used VACS commands without having to type all the XML;
- Packet length: read-only field that count the length of the VACS XML typed so far;

When the SEND button is pressed the packet is sent to the specified VACS server;

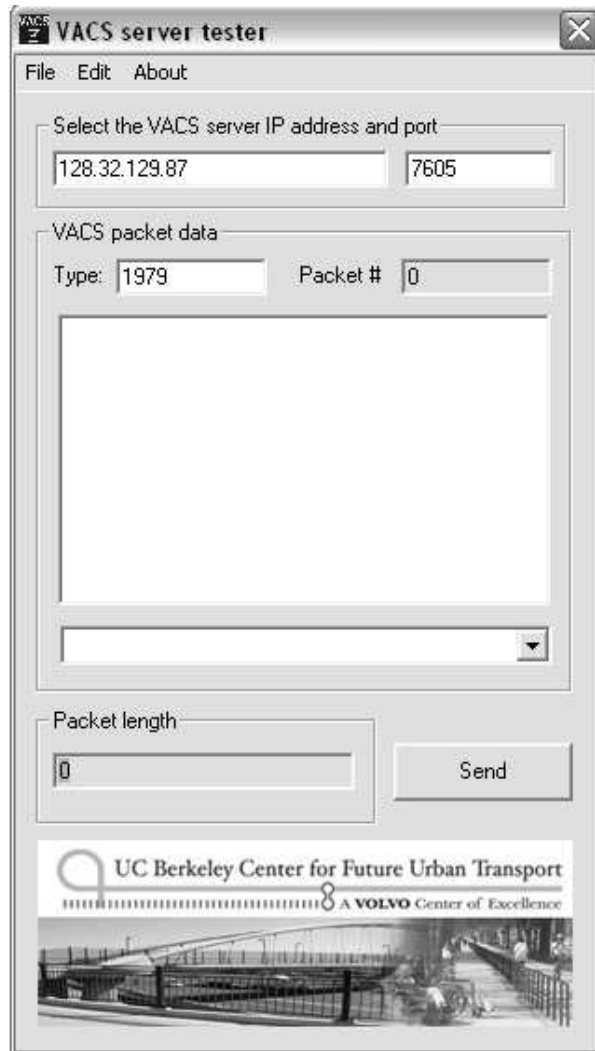


Figure 1: The VACS server tester GUI