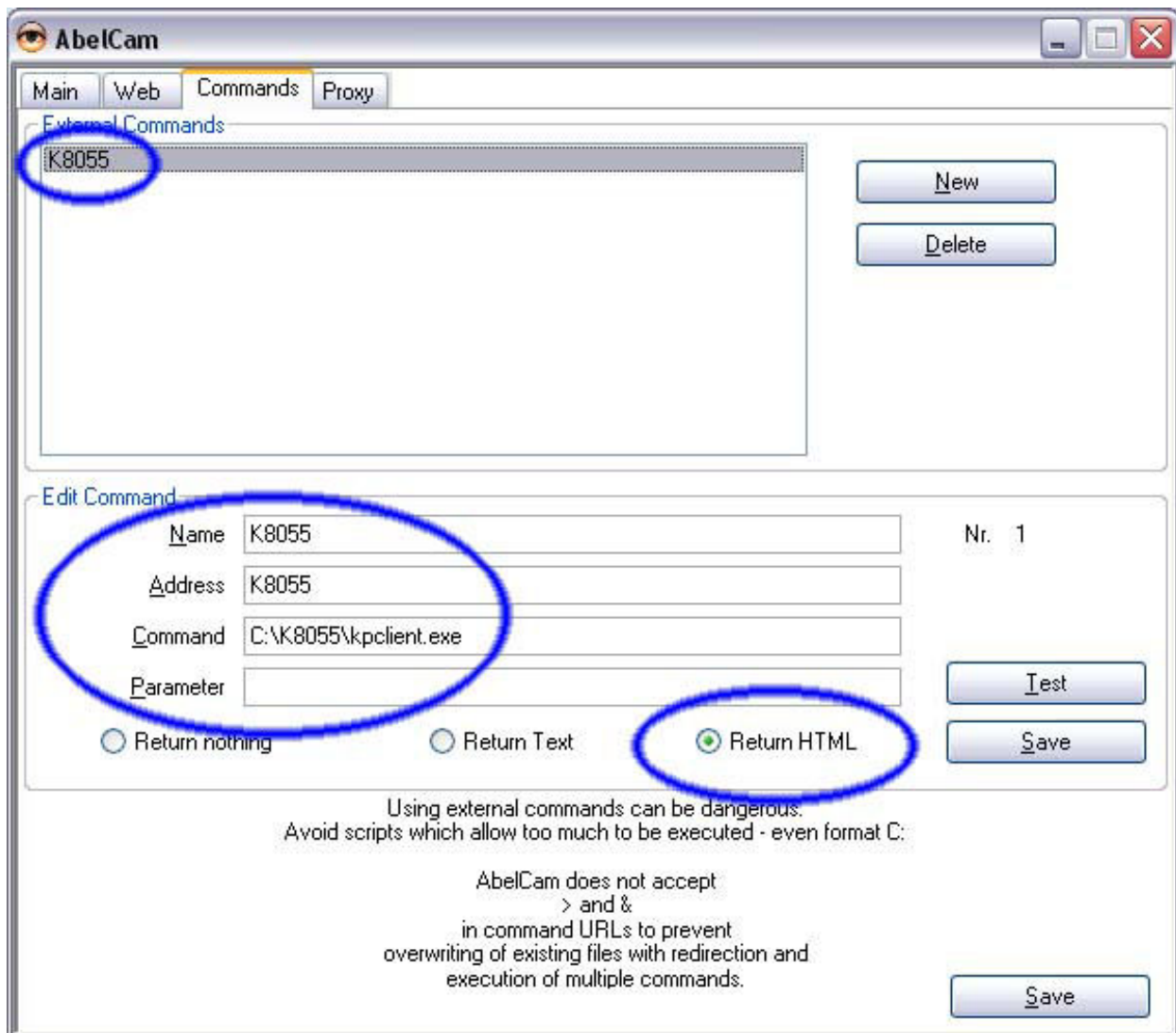


## INSTALLATION and ABELCAM SETUP

- 1) Put `kpclient.exe` and `vkpulse.exe` in a directory of your choice. Any directory is fine, but the examples in this readme assume the files are in `C:\K8055`.
- 2) Put `k8055.html` in your `\program files\AbelCam\wwwroot` directory.
- 3) Plug the K8055 card into a USB port and make sure that Windows has recognized it. Output 8 LED should blink a few times, and then go off. If Output 8 LED is stays lit, Windows has not recognized your card and you need to resolve this problem before continuing. **Important:** the K8055 must be plugged in and recognized by Windows *before* you run this software!
- 4) If more than one K8055 is connected to your system, this software will use the card with the lowest address set on its jumpers.
- 5) Set up a command in AbelCam like this:



- 6) Launch `vkpulse.exe` from Windows Explorer.
- 7) Point your web browser at the `k8055.html` page and you should see some results. The URL should be something like: <http://servername:8080/k8055.html> Host name and port will need to match your actual machine and AbelCam configurations. Then, in the browser, click the Trigger 1 ON button. Output 1 on the K8055 should blink once, and a green message "OKAY 1" should appear in the browser.

***See readme-server.pdf for K8055 server configuration help!***

## **INCLUDED FILES**

<code>vkpulse.exe</code>	Runs in the System Tray, maintaining a connection the K8055 Card and keeping track of I/O state.
<code>kpclient.exe</code>	An instance of this program runs each time a Web browser loads the Command Address URL. This program is told what to do by arguments passed in the Command Address URL – see below for more details. It connects to <code>vkpulse.exe</code> , sends it a command that is forwarded to the K8055 card and receives a response back. It then constructs a success (or error) message in HTML, outputs the HTML back to AbelCam (which forwards it on to the browser) and terminates.
<code>kpclient.cgi</code>	Same as <code>kpclient.exe</code> , for use with Apache webserver. Not used with the AbelCam webserver.
<code>k8055.html</code>	An example Web page providing a simple push-button user interface. Below the buttons is an IFRAME which serves as a container for the HTML returned by <code>kpclient.exe</code> . The IFRAME does not need to be visible in your real pages but it's very handy to have it visible while testing, so you can see any errors that are returned.
<code>k8055cgi.html</code>	Same as <code>k8055.html</code> , for use with Apache webserver. Not used with the AbelCam webserver.

## **COMPLETE LIST OF ABELCAM COMMAND URL CALLS**

<code>/K8055?1</code>	Activate outputs that are checked in Trigger 1 Column.
<code>/K8055?10</code>	Deactivate outputs that are checked in Trigger 1 Column.
<code>/K8055?2</code>	Activate outputs that are checked in Trigger 2 Column.
<code>/K8055?20</code>	Deactivate outputs that are checked in Trigger 2 Column.
<code>/K8055?3</code>	Activate outputs that are checked in Trigger 3 Column.
<code>/K8055?30</code>	Deactivate outputs that are checked in Trigger 3 Column
<code>/K8055?4</code>	Activate outputs that are checked in Trigger 4 Column.
<code>/K8055?40</code>	Deactivate outputs that are checked in Trigger 4 Column
<code>/K8055?5</code>	Activate outputs that are checked in Trigger 5 Column.
<code>/K8055?50</code>	Deactivate outputs that are checked in Trigger 5 Column
<code>/K8055?6</code>	Activate outputs that are checked in Trigger 6 Column.
<code>/K8055?60</code>	Deactivate outputs that are checked in Trigger 6 Column
<code>/K8055?7</code>	Activate outputs that are checked in Trigger 7 Column.
<code>/K8055?70</code>	Deactivate outputs that are checked in Trigger 7 Column
<code>/K8055?8</code>	Activate outputs that are checked in Trigger 8 Column.
<code>/K8055?80</code>	Deactivate outputs that are checked in Trigger 8 Column

Visit <http://www.k8055.info> for more information and FREE K8055 software.