**Writing Rubber Ducky Scripts**

**What is a Ducky Script?**

A ducky script is a text file written in DuckyScript. The text file you create is then encoded into a binary file to be deployed onto a rubber ducky as its payload.

**How is DuckyScript Written?**

DuckyScript for a rubber ducky has the basic format of one command per line. All instructions are given in full capital letters. An example is given below:

DELAY 1000

GUI r

DELAY 1000

STRING notepad.exe

DELAY 1000

ENTER

DELAY 1000

STRING This is a calling card.

DELAY 1000

CTRL s

DELAY 1000

STRING calling\_card.txt

DELAY 1000

ENTER

DELAY 1000

ALT F4

Some examples of ducky commands are given as follows. Comments can be given by not using any capital letters to signify instructions or the REM command.

DELAY <X> - Delay the next instruction by X milliseconds. Strongly recommended before and after each instruction as the speed at which a ducky script executes can crash a computer (especially typing speed).

GUI <X> - Opens the windows GUI program and enters in X as the program to run.

STRING <X> - Types in the string X into whatever text box or editor is currently open.

ANY KEYBOARD KEY – Performs the function of that keyboard key. Must be represented as the phrase shown on the key. (ex) ALT F4 will close the current program when run.

These commands are sufficient for basic ducky scripts. More complicated commands can be found at <https://docs.hak5.org/hak5-usb-rubber-ducky/ducky-script-basics/keystroke-injection#key-and-modifier-combos>