

VIEWSCRN.MAC

A Command Language Macro Application Note

OVERVIEW

SourcePoint's powerful command language is extremely useful for automating tasks. It uses an interpreted scripting language that is very similar to the common C programming language. ViewScrn.MAC is an example of a SourcePointTM command language macro. It contains a command that will display text from a video adapter (in text mode) in the SourcePoint command window. This macro is very convenient for viewing screen output on a target system that does not have a monitor connected to it.

There are several ways to load a macro. One way is to click on: File|Macro|Load Macro

If a SourcePoint command window is not already visible, a command window can be opened by clicking on: View|Command

The command to view the video adapters text screen output is 'viewscrn'. After ViewScrn.MAC is loaded, it can be invoked by entering the following at the command window prompt:

viewscrn(Mem)

Where:

Mem is a pointer to the target system's memory mapped text buffer.

This is usually 000B8000hp although it can be located elsewhere in the memory map.

Figure 1 shows an example of how this command can be utilized.

```
PO>
PO>
PO>
PO>
Pooviewscrn(b8000hp)

View of the target text screen at address 0000B8000P

Award Modular BIOS v4.51PG, An Energy Star Ally
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ASUS P2B-DS ACPI BIOS Revision 1008

Pentium III 450MHz Processor , 2 Processor(s) Detected
Memory Test: 131072K 0K

Avard Plug and Play BIOS Extension v1.0A
Initialize Plug and Play Cards...
PNP Init Completed

Detecting HDD Primary Master ... TOSHIBA CD-ROM XM-6502B
Detecting HDD Primary Slave ... None
Detecting HDD Secondary Master... [Press F4 to skip]

Press DEL to enter SETUP
02/03/99-i440BX-P2B-DS

F0>
```

Figure 1

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