



Tech Info Library

Apple IIGS: How to Access the Clock

Revised: 8/21/89
Security: Everyone

Apple IIGS: How to Access the Clock

=====
This article last reviewed: 14 July 1989

TOPIC -----

I have a customer using Z-BASIC on his Apple IIGS under ProDOS, running as an Apple IIe. Although there no are toolbox calls for accessing the Apple IIGS clock from Z-BASIC, is there a way to do this from Z-BASIC with PEEKS and POKES or a machine language call?

DISCUSSION -----

The preferred method is to use the ProDOS GET_TIME call. Note: You need ProDOS 8 version 1.2 or later to get the time on the Apple IIGS.

This method works on any Apple II running under ProDOS and with most Apple II-compatible clocks (because they all come with ProDOS patch routines). More information on the format of the GET_TIME call and other ProDOS commands is in the ProDOS Technical Reference Manual. The GET_TIME call is documented on page 71. Additional information is on page 99 and pages 104 through 106.

When the GET_TIME routine is called, the system date and time are placed into the documented locations. Using PEEKs, the data in those location can be extracted.

Copyright 1989 Apple Computer, Inc.

Tech Info Library Article Number:4151