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Subject: number of available windows  
Posted by [jeb](#) on Fri, 21 Feb 1992 00:44:01 GMT  
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In article <1992Feb13.105530.10014@urz.unibas.ch>  
hofer@urz.unibas.ch (Remo Hofer) writes:

> Is there some way to get the number of windows available in pv-wave? My manual tells  
> me that I will have 16 windows on a VMS machine (which is true on our VAXstation) and  
> 10 windows on any unix machine. But on our Personal Iris I get 32 windows....

PV-WAVE 3.1 allows a maximum of 32 windows (previously was 16 for most window systems). Under Sunview, this may be less as you are limited by the number of file descriptors available.

In 3.1 of Wave, a new keyword, WINDOW\_STATE, is now available. WINDOW\_STATE will return an array for all available WAVE windows, with a value indicating if a window is opened or closed. A value of 1 shows the window is open, and 0, the window is closed. As an example for using this keyword, enter:

```
WAVE> window, 3 ; Open window 3
WAVE> device, window_state = winarray
WAVE> print, winarray
0 0 0 1 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0

WAVE> print,"Total windows open: ",sum(winarray,0)
Total windows open: 1.00000
```

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