

---

Subject: Re: How to tell if I'm running IDL or PV-WAVE

Posted by knipp on Mon, 31 Jan 1994 16:11:14 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

In article 14539@bnlux1.bnl.gov, rivers@bnlux1.bnl.gov (mark rivers) writes:

> Is there a way to find out from within a procedure whether one is running  
> PV-WAVE or IDL? I need to call LINKNLOAD if I am running PV-WAVE or  
> CALL\_EXTERNAL if I am running IDL. The !version system variable doesn't  
> seem to have this information.

>

> --

> Mark Rivers (312) 702-2279 (office)  
> CARS (312) 702-9951 (secretary)  
> Univ. of Chicago (312) 702-5454 (FAX)  
> 5640 S. Ellis Ave.

Hi

Here's a small function returning 1 if called in IDL or 0 if not.

The basic idea is that !version.release in WAVE is 4 characters long, in  
IDL 5.

Karl

---

---

/ / / \_ \ / / Karlheinz Knipp phone: +49 511 - 762 4922  
/ / / / / / University of Hannover fax: +49 511 - 762 2483  
/ / / \_\_\_\_\_ / / Institute for Photogrammetry  
/ / / / / Nienburger Str.1  
/ / / / / FRG 30167 Hannover 1 email: knipp@ipi.uni-hannover.de

:+  
function is\_idl  
  
; function: is this IDL (or wave)  
; -----  
; START OF DESCRIPTION  
;  
; function IPI, U Hannover 04'93, modified 04'93  
; 06'93: string-length !version.release  
;  
; METHOD: is this IDL (or wave)  
; assumption: strlen(!version.release) = 5 (IDL)  
; strlen(!version.release) = 4 (WAVE)

```
; ;  
;  
; INPUT PARAMETER: none  
;  
; RETURNS:      1 in case of idl  [-1 in case of ERROR]  
;  
; INPUT KEYWORDS : none  
;  
; OUTPUT KEYWORDS : none  
;  
; EXAMPLE:  
;  
; print, is_idl()  
;  
; END  OF DESCRIPTION  
; -----  
;-
```

```
ret_val = -1    ; return - value
```

```
; -----  
; test input, no test  
  
; -----  
; return & end  
  
return, strlen ( !version.release ) ne 4  
end
```

---