

Re: Executable built in Debug or release mode

Source: <http://unix.derkeiler.com/Newsgroups/comp.unix.questions/2004-04/0087.html>

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naren_on_net@hotmail.com (Naren) writes:

A: Because it makes the message harder to read.

Q: Why should I not top-post?

Please do not top-post.

> *I use Solaris and HP-UX. I would like to know for these OS.*

On Solaris:

If the output from 'elfdump -c a.out | grep stabstr' is similar to this:

```
Section Header[26]: sh_name: .stabstr
```

the exe has debug info in STABS format.

If the output from 'elfdump -c a.out | grep debug' is similar to this:

```
Section Header[19]: sh_name: .debug_line  
Section Header[20]: sh_name: .debug_info  
Section Header[21]: sh_name: .debug_abbrev  
Section Header[22]: sh_name: .debug_pubnames  
Section Header[23]: sh_name: .debug_varnames
```

the exe has debug info in DWARF format.

On HP-UX 11i for PA-RISC in 64-bit and for IA64 in 32 and 64-bit, you have a debug exe if the output from 'elfdump -c a.out | grep debug' is similar to:

```
1276 .debug_gntt  
1288 .debug_lntt  
1300 .debug_sl  
1311 .debug_vt  
284 .debug_header
```

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298 .debug_gntt
310 .debug_lntt
322 .debug_sl
333 .debug_vt

Finally, on HP-UX 11i for PA-RISC 32-bit exe has debug info if
'odump -subspaces a.out | egrep "SLT|GNTT|LNTT"' results in output
like this:

```
18 2 00 ....0..... 0 00007030 000188 00006e58 000188 4 0 0 $GNTT$  
19 2 00 ....0..... 0 000071b8 004428 00006fe0 004428 4 0 0 $LNTT$  
20 2 00 ....0..... 0 0000b5e0 000288 0000b408 000288 4 0 0 $SLT$
```

Cheers,

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In order to understand recursion you must first understand recursion.
Remove /-nsp/ for email.