Subject: Re: Which like command for IDL?
Posted by John-David T. Smith on Fri, 05 Jan 2001 19:03:10 GMT
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"Pavel A. Romashkin" wrote:
>
> Oh, STRTOK has been around for a while. Any illegal call to STRSPLIT (my
> common one, passing an array as a parameter) would crash it and expose a
> call to STRTOK. I think I even asked a question about it (long time
> ago), but I can't remember what kind of answer did I get. A real IDL
> hacker (like Craig) probably would know.
> Cheers,
> Pavel
>
> David Fanning wrote:
>>
>> David Fanning (davidf@dfanning.com) writes:
>>
>>> It is a moot point anyway, in this case, since the program
>>> uses some of the neat new SWITCH, BREAK, etc. stuff that
>>> comes in IDL 5.4, and will not compile in earlier versions.
>>
>> Interestingly, the FILE_WHICH program supplied in IDL 5.4
>> calls a built-in, but undocumented, program STRTOK, which
>> appears to separate the path subdirectories based on
>> a delimiter supplied to the function. I'll leave it
>> to the expert sleuths in the group to tell us what it
>> *really* does. :-)

from /usr/local/rsi/idl/lib/strsplit.pro:

```
; NAME:
;     STRSPLIT
;
; PURPOSE:
;     Wrapper on the build in system routine STRTOK that implements
exactly
;     the same interface as STRTOK, but with the STRSPLIT name.
;
;     The reason for doing this is so that if a user has their own
;     STRSPLIT in their local user library, their version will
superceed
;     this one. RSI does not recommend this practice, but it is
;     allowed for backwards compatability reasons. See the
;     documentation for STRSPLIT in the IDL Reference manual
;     for details on arguments, keywords, and results.
;
```

The lesson for the day has been: built-ins cannot be overridden, unless
RSI sets up a silly hack such as this to allow you to.

JD