Subject: Re: Dealing with list created by STRSPLIT?
Posted by zhyf87 on Sat, 04 Aug 2012 08:52:08 GMT
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> I have an array of full-path filenames from which I need to extract
> some substrings. The array consists of a large number of strings of
> the form
>
> diskname/maindir/subdir1/subdir2/subdir3/filename
> diskname/maindir/subidr1/subdir2/subdir3/filename etc.
>
> The lengths of the subdirXs can be different. What I wanted to do was
> create some arrays the elements of which would be the subdirXs. I
> thought this would be simple now that STRSPLIT allows arrays as
> input. I had the array of n filenames in a string array and I used
>
> splitnames = STRSPLIT(filenames, '/', /EXTRACT).
>
> The result 'splitnames' is a list with n elements and each element is
> of the form
>
> diskname maindir subdir1 subdir2 subdir3 filename as it should be.
> Each element is a string array.
>
> What I can't seem to figure out is how to now extract one of these
> terms from the list element. That is, I'd like to end up with arrays
> that have the n subdir2s (for example). I've tried using the
> LIST::TOARRAY () feature but this fails for some mysterious reason
> with the message
>
> IDL> namearray=splitnames.ToArray()
> % LIST::TOARRAY: Unable to convert to type STRING: Element 798
> % Error occurred at: LIST::TOARRAY
> % $MAIN$
> % Execution halted at: $MAIN$
>
> Element 798 is no different from any of the elements in the list, by
> the way, but this is not the real problem (at least I don't think it
> is)
>
> There must be an easy way to do this; I'm not seeing it. Any help
> would be much appreciated.

same problem here with 8.0
first indice must be a scalar while exacting elements, and LIST.ToArray doesn't work. for loop
solves this :)