
Subject: Re: Dealing with list created by STRSPLIT?

Posted by chris_torrence@NOSPAM on Fri, 20 May 2011 16:54:54 GMT

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On May 19, 8:44 pm, Barry Lesht <ble...@gmail.com> wrote:

```
> 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.
```

Hi Barry,

If you have IDL 8.1, you can now use multiple indices with List and Hash. The first index gets the actual list (or hash) element, while the remaining indices are used to index into the returned array. So in your case, you could simply do:

```
print, splitnames[27,3]
```

This would take the 28th element of the list and extract the 4th string. You can also use the usual array ranges, *, etc.

Regarding your particular problem, I am curious about what is wrong with element 798. I'm worried there is a bug either in the strsplit list code, or in the List::ToArray code, and I'd like to fix it. Can you try the ::ToArray again, and when it halts with the error, print out some info about element 798? For example:

```
HELP, splitnames[798]
```

```
PRINT, splitnames[798]
```

Thanks!

-Chris

ITTVIS
