
Subject: Re: Square Brackets vs. Parentheses
Posted by [landsman](#) on Fri, 24 Nov 2000 20:35:00 GMT
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In article <3A1EA3B6.A337AB1E@higp.hawaii.edu>, Eric Pilger <pilger@higp.hawaii.edu> writes...

> Needless to say, I have a user who has been playing loose with this
> stuff for years. He now has hundreds of routines that use parentheses
> for arrays AND functions, and are therefore broken under IDL 5.4. Does
> anybody out there have a fix for this problem? Possibly a nice little
> parser/translator that can figure out what's meant and stick in the
> appropriate symbol :-). After all, IDL was doing it for years.

The procedure `idlv4_to_v5.pro` in
<http://idlastro.gsfc.nasa.gov/ftp/contrib/landsman/v5>
(and supporting procedures (`FDECOMP`, `MATCH`, `REMOVE`, `ISFUNCTION`))
is about 98% efficient in converting all indexing parentheses into
square brackets. It has occasional problems with continuation lines, and
indices within strings (e.g. for an `EXECUTE()` statement).

--Wayne Landsman landsman@mpb.gsfc.nasa.gov
