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 indicies within strings (e.g. for an EXECUTE() statement).

--Wayne Landsman

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