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Subject: TeXtoIDL fix for IDL 5.3

Posted by [Randall Smith](#) on Thu, 17 Feb 2000 08:00:00 GMT

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We just upgraded to IDL 5.3 here, which broke that most useful of all IDL user-written routines: TeXtoIDL.

(<ftp://coma.berkeley.edu/pub/mcraig/idl/TeXtoIDL/>)

I believe when it was first announced, one grateful user offered the author (Matt Craig) his first-born.

Anyway, it turns out that RSI, in a fit of what can only be described as morally degenerate programming, added a new function (strtok) to the language, although they didn't see fit to document this (it's apparently part of the new string routines strexex, strjoin, strmatch, and strsplit that are in IDL 5.3). Of course, the TeXtoIDL routine has its OWN strtok, which is then not called because of this name clash. The error, of course, doesn't show up anywhere near the strtok call, but rather as a type conflict since the two versions of strtok return immiscible results. (Note to RSI: Would it REALLY be that difficult to make all non-documented routines start with, say, "RSI\_", so that we poor users could easily avoid them? And, while we're at it, all internal common blocks as well?)

In any event, the fix is to change all references (including the declaration) of "strtok" in the TeXtoIDL package to a unique name, such as t2i\_strtok. After this, all is well with the world.

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