Subject: Re: splitting difficult(?) strings Posted by hradily.nospam on Wed, 09 Jan 2002 15:14:42 GMT View Forum Message <> Reply to Message

/PRESERVE\_NULL ??? WOW!!! Thanks. Maybe I should read the online help a little closer next time 8^)

On Tue, 8 Jan 2002 22:49:24 -0000, "Martin Downing" <martin.downing@ntlworld.com> wrote: > "Craig Markwardt" <craigmnet@cow.physics.wisc.edu> wrote in message > news:onr8p0k4se.fsf@cow.physics.wisc.edu... >> >> hradilv.nospam@yahoo.com writes: >> >>> Any ideas on what would be the easiest (best?) way to split strings >>> that have the following characteristics? Perhaps best understood by >>> looking at examples? >>> >>> 1) >>> buf= '4 5 6' >>> strsplit(buf,' ',/extract) yields ['4','5','6'] {good} >> ... >>> Maybe I can summarize: I would like something that will split the >>> string by spaces, PROTECTED by "s. ie there may be spaces within the >>> "s which should not cause a split. >> >> Using STRSPLIT is like sending a boy to do a man's job. I think there >> is no other choice but to hand-code what you want. [Counter-examples >> welcomed. ] It \*may\* be possible to code it into a regular >> expression, but I'm not sure how to handle the "quotes-optional" >> aspect. >> > Hi Vince, this works for your examples: > -----> FUNCTION vince sep, s > IF strpos(s, "") NE -1 THEN BEGIN sa = strsplit(s, '^"|" "|"\$', /EXTRACT,/REGEX, /PRESERVE\_NULL)  $n = n_elements(sa)$ > IF n GT 2 THEN sa = sa[1:n-2] ENDIF ELSE BEGIN sa = strsplit(s,' ', /EXTRACT) > ENDELSE > return, sa

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> END
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> cheers
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> Martin
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> Martin Downing,
> Clinical Research Physicist,
> Grampian Orthopaedic RSA Research Centre,
> Woodend Hospital, Aberdeen, AB15 6LS.
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