Subject: Re: Fuzzy searching of FITS header Posted by Gray on Tue, 21 Dec 2010 23:00:36 GMT

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On Dec 21, 5:23 pm, David Fanning <n...@dfanning.com> wrote:
> Gray writes:
>> Does anyone have a routine that allows for fuzzy searching of FITS
>> header keywords? For example, I have a header where I want the value
>> of the following keywords:
>
>> D001DEXP
>> D002DEXP
>> ...
>> I don't know a priori how many of them there are, and it would be nice
>> to be able to have a parsing program that would let me give 'DEXP' as
>> a search string and return all of them. Any suggestions?
> StrPos?
>> I know I
>> could construct something that did searches for up to 1000 keywords
>> (000-999) and aborted when it didn't find anything, but that would
>> defeat the purpose of IDL vectorization, wouldn't it?
  It's already vectorized! :-)
>
 Cheers,
>
 David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:http://www.dfanning.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
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Well, sure. But what I WAS using was SXPAR, which pads the search string w/ spaces and searches 8 characters.

I'm envisioning a routine that uses lists and hashes to return the keyword and value for all keywords that match any number of search strings... do I have the time/energy to write it?