Subject: Re: string manipulation
Posted by Craig Markwardt on Tue, 27 Feb 2001 01:41:09 GMT
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JD Smith <jdsmith@astro.cornell.edu> writes:
> Craig Markwardt wrote:
... deleted ...
>> I am able to find the string positions of the 2's, so that's not
>> really a problem. I do this by making a byte array of the strings,
>> and blanking out any alphabetic characters and any leading numeric
>> characters. Here I appreciate STRPOS is (partially) vectorized.
>>
>> However, when it comes to resubstituting the "50" back in, that's when
>> I get stymied. This is primarily because STRMID and STRPUT are not
>> vectorized at all. Well STRMID *is* vectorized, but not with a sane
>> behavior. For example, what I'd like to do is:
>>
>> NEWKEY = STRMID(KEY,0,P1) + '50' + STRMID(KEY,P2,100)
>>
>> Where KEY, P1, and P2 are vectors. Obviously this doesn't work. Any
>> ideas?
>
> I was going to come up with something using histogram, but I figured I'd
> be pressing my luck. I would probably use a loop and the
> sx{add,del,}par.pro routines from the nasalib. FITS has lots of rules
> about keyword length, total line length, etc. Best to waste some cycles
> and make sure it's done right.

Jah, that's what I do now, except I know they are valid header
keywords already, since they come from an already-existing file, and
I'd like to preserve the original formatting as much as possible. But
I guess a loop is just necessary.

[I was looking for the magic HISTOGRAM bullet too ...]

Craig

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