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Subject: Re: Attempt to subscript FILNAM with I is out of range....  
Posted by [David Fanning](#) on Thu, 15 Aug 2002 16:20:31 GMT  
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Kolbjorn Bekkelund (kobe@rocketrange.no) writes:

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> When running one of my IDL routines from inside an IDL session I get:
>
> IDL> .run calc_quality_dual_online_auto
> % Compiled module: $MAIN$.
> % Compiled module: LOADCT.
> % Compiled module: FILEPATH.
> % LOADCT: Loading table Purple-Red + Stripes
> % Loaded DLM: PNG
>
> If I try to run the same thing from the Linux command line like:
>
> /usr/local/idl /data/ozon/eval/calc_quality_dual_online_auto.pro I get:
>
> [ozon@ozonpc eval]$ /usr/local/bin/autorun_idl_ozon_combined
> IDL Version 5.4 (linux x86). (c) 2000, Research Systems, Inc.
> Installation number: 83192.
> Licensed for use by: Aloma-Linux
>
> % Compiled module: LOADCT.
> % Compiled module: FILEPATH.
> % LOADCT: Loading table Purple-Red + Stripes
> % Attempt to subscript FILNAM with I is out of range.
> % Execution halted at: $MAIN$
> % Attempt to subscript FILNAM with I is out of range.
> % Execution halted at: $MAIN$
> % READF: Variable is undefined: RESF.
> % Execution halted at: $MAIN$
> % READF: Variable is undefined: RESF.
> % Execution halted at: $MAIN$
> % Attempt to subscript ITIM with I is out of range.
> % Execution halted at: $MAIN$
> % Attempt to subscript ITIM with I is out of range.
> % Execution halted at: $MAIN$
>
> + more errors until the end of the routine.
>
> What is it that can make a diff. here since it works wonderful from
> inside IDL. This is both in idlde and the idl command line.
```

I can't quite tell from the "autorun\_idl" bit whether you are running a run-time version of IDL or not. But these errors are look very much like the kinds of errors

you would get if you were throwing up a blocking widget to get input from the user. In run-time versions of IDL you can't block the IDL command line (there is no command line \*to\* block!), so return variables that are suppose to have valid data in them, don't.

That's my first guess. You could test it by printing out the index I. My guess is that it is -1.

Cheers,

David

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David W. Fanning, Ph.D.

Fanning Software Consulting, Inc.

Phone: 970-221-0438, E-mail: [david@dfanning.com](mailto:david@dfanning.com)

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