## Subject: Re: IDLWAVE fontlock / fontify weirdness in Xemacs Posted by Martin Schultz on Thu, 02 Nov 2000 08:52:53 GMT

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```
jrigler@Colorado.EDU wrote:
> I have Xemacs 21.1.12 (default with RH Linux 7.0 Respin), and updated
> all of my packages to the most recent versions as of 10/31/00 (which
> means IDLWAVE 1.22...or a modified version 4.5 I assume).
>
> The problem I'm experiencing is in the fontification. For whatever
> reason, all of a suddent every time I start a new line, or even modify
> an old line for that matter, it all turns green (the color for
> strings). this only really happens after a certain block in the code.
> The possibly offending code (which works, and I see no syntax problems
> with it) follows. Any ideas?
>
  ; Convert MJD to a YYYYMMDD (see - http://bowie.gsfc.nasa.gov/time/)
    caldat,date beg+2400000.5,month beg,day beg,year beg
>
    caldat,date end+2400000.5,month end,day end,year end
>
>
    month beg=string(month beg,format='(i2.2)')
>
    day_beg=string(day_beg,format='(i2.2)')
>
    year_beg=string(year_beg,format='(i4.4)')
>
>
  To clarify a little more, what happens is that I can type anything
> before the line with the first "format" statement, and it works
> perfectly. If I add, or modify anything after the "format" statement,
> the whole line becomes green, as if IDLWAVE thought it were a string.
>
 I really don't like the IDLDE, so I sure hope there is a solution to
> this.
>
  Thanks,
>
> Josh
> Sent via Deja.com http://www.deja.com/
> Before you buy.
```

yes, I have seen a similar thing already in earlier versions of idlwave (presumably 3.12). I never succeeded in tracking down the part of the code that caused it but haven't tried to hard either. Interestingly, it sometimes appeared to work better once I exited xemacs and restarted again. Then again: sometimes this didn't help either.

Cheers, Martin

PS: I know, this was a terrible bug report ;-) But perhaps it helps to know that it occured in earlier versions...

Subject: Re: IDLWAVE fontlock / fontify weirdness in Xemacs Posted by John-David T. Smith on Thu, 02 Nov 2000 15:37:08 GMT View Forum Message <> Reply to Message

```
Martin Schultz wrote:
> irigler@Colorado.EDU wrote:
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>> The possibly offending code (which works, and I see no syntax problems
   with it) follows. Any ideas?
>>
>> ; Convert MJD to a YYYYMMDD (see - http://bowie.gsfc.nasa.gov/time/)
      caldat.date beg+2400000.5.month beg.day beg.year beg
>>
      caldat,date_end+2400000.5,month_end,day_end,year_end
>>
>>
      month_beg=string(month_beg,format='(i2.2)')
>>
      day beg=string(day beg,format='(i2.2)')
>>
      year beg=string(year beg,format='(i4.4)')
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```

```
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>> Before you buy.
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> of the code that caused it but haven't tried to hard either.
```

- > Interestingly, it sometimes appeared to work better once I exited
- > xemacs and restarted again. Then again: sometimes this didn't help
- > either.

- > Cheers.
- > Martin

- > PS: I know, this was a terrible bug report ;-) But perhaps it helps to
- > know that it occured in earlier versions...

I presume Carsten will weigh in authoritatively on this question, but I just wanted to make sure you're using the latest IDLWAVE... version 4.5, available at http://www.strw.leidenuniv.nl/~dominik/Tools/idlwave/. I presume you have your font-lock fontifier working, or you wouldn't know to complain, but make sure you've set:

(global-font-lock-mode 1)

or some such in your .emacs.

One other gotcha: if you've extracted this code fragment from a larger file, the details of what's in that file are important. IDLWAVE fontifies based on the entire buffer, not line by line. An example screw-up:

```
a='this is a string
b=a+c; this isn't fontified correctly
```

Here the closing quote is forgotten. IDLWAVE notices and tells you about it after you leave the string, but if you leave it or load in a file with this error, you'll see the fontification past there looks like one big string, until you start typing and IDLWAVE does more local fontification. This is guite useful, since it gives you immediate visual clues as to where the error occurs.

--

```
J.D. Smith | WORK: (607) 255-6263
Cornell Dept. of Astronomy | (607) 255-5842
304 Space Sciences Bldg. | FAX: (607) 255-5875
```

Ithaca, NY 14853

Subject: Re: IDLWAVE fontlock / fontify weirdness in Xemacs Posted by riglerej on Thu, 02 Nov 2000 17:02:14 GMT View Forum Message <> Reply to Message

In article <3A018A24.2C84D752@astro.cornell.edu>, "J.D. Smith" <idsmith@astro.cornell.edu> wrote: > Martin Schultz wrote: >> >> jrigler@Colorado.EDU wrote: >>> I have Xemacs 21.1.12 (default with RH Linux 7.0 Respin), and updated >>> all of my packages to the most recent versions as of 10/31/00 (which >>> means IDLWAVE 1.22...or a modified version 4.5 I assume). >>> The problem I'm experiencing is in the fontification. For whatever >>> reason, all of a suddent every time I start a new line, or even modify >>> an old line for that matter, it all turns green (the color for >>> strings). this only really happens after a certain block in the code. >>> The possibly offending code (which works, and I see no syntax problems >>> with it) follows. Any ideas? >>> >>> ; Convert MJD to a YYYYMMDD (see http://bowie.gsfc.nasa.gov/time/) caldat,date\_beg+2400000.5,month\_beg,day\_beg,year\_beg >>> caldat,date end+2400000.5,month end,day end,year end >>> >>> month\_beg=string(month\_beg,format='(i2.2)') >>> day beg=string(day beg,format='(i2.2)') >>> year\_beg=string(year\_beg,format='(i4.4)') >>> >>> >>> To clarify a little more, what happens is that I can type anything >>> before the line with the first "format" statement, and it works

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>>> Before you buy.
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>> of the code that caused it but haven't tried to hard either.
>> Interestingly, it sometimes appeared to work better once I exited
>> xemacs and restarted again. Then again: sometimes this didn't help
>> either.
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>> Cheers,
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>> PS: I know, this was a terrible bug report ;-) But perhaps it helps
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>> know that it occured in earlier versions...
> I presume Carsten will weigh in authoritatively on this question, but
> just wanted to make sure you're using the latest IDLWAVE... version
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> presume you have your font-lock fontifier working, or you wouldn't
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  to complain, but make sure you've set:
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  (global-font-lock-mode 1)
>
  or some such in your .emacs.
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>
> One other gotcha: if you've extracted this code fragment from a
> file, the details of what's in that file are important. IDLWAVE
> fontifies based on the entire buffer, not line by line. An example
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```
screw-up:
a='this is a string
b=a+c; this isn't fontified correctly
```

> Haratha

- > Here the closing quote is forgotten. IDLWAVE notices and tells you
- > about it after you leave the string, but if you leave it or load in a
- > file with this error, you'll see the fontification past there looks like
- > one big string, until you start typing and IDLWAVE does more local
- > fontification. This is quite useful, since it gives you immediate
- > visual clues as to where the error occurs.

>

> JD

>

I've made this mistake in the past, so it was the first thing I looked for. I can find no forgotten quotation marks, or mismatched single/double quotes. The segment of code I included is not the entire thing, but I included it because the problem systematically shows up when something is typed AFTER the first line with the format statement. If I type on any line before that, I get no errors. This problem does not go away if I restart Xemacs.

-Josh

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Subject: Re: IDLWAVE fontlock / fontify weirdness in Xemacs Posted by riglerej on Thu, 02 Nov 2000 17:14:05 GMT

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In article <8tnlfu\$luf\$1@nnrp1.deja.com>, jrigler@Colorado.EDU wrote:

- > I have Xemacs 21.1.12 (default with RH Linux 7.0 Respin), and updated
- > all of my packages to the most recent versions as of 10/31/00 (which
- > means IDLWAVE 1.22...or a modified version 4.5 I assume).

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- > The problem I'm experiencing is in the fontification. For whatever
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```
> ; Convert MJD to a YYYYMMDD (see - http://bowie.gsfc.nasa.gov/time/)
     caldat,date beg+2400000.5,month beg,day beg,year beg
>
    caldat,date_end+2400000.5,month_end,day_end,year_end
>
>
    month_beg=string(month_beg,format='(i2.2)')
>
>
    day_beg=string(day_beg,format='(i2.2)')
    year_beg=string(year_beg,format='(i4.4)')
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> To clarify a little more, what happens is that I can type anything
> before the line with the first "format" statement, and it works
> perfectly. If I add, or modify anything after the "format" statement,
> the whole line becomes green, as if IDLWAVE thought it were a string.
>
> I really don't like the IDLDE, so I sure hope there is a solution to
> this.
>
> Thanks.
>
> Josh
```

OK, here's a little additional information that may shed some insight on the problem I described above. This only happens AFTER I save my file. If I simply open the file, and edit things, no problems. HOWEVER, if then save some of those changes, go back to a point below the format statements I listed above, and try to type something, I get the fontification problem.

If somebody REALLY wants to help me by looking at my entire program, by all means let me know, and I'll post it, but I don't think that is really necessary, and I don't want to clutter up the group needlessly.

-Josh (again)

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