Hello

I'm using sagemath. Before I updated my system yesterday, everything was fine and smooth. Now, when I do

```
sage: T=var('T'); solve_mod(T==3, 9)
```

I get the following error:

```
sig_error() without sig_on()
```

```
------------------------------------------------------------------------
/usr/lib/python3.9/site-packages/cysignals/signals.cpython-39-x86_64-linux-gnu.so
```

```
2021-04-26 09:35 AM - theova
```

```
Status: fixed
Priority: bug
Assignee: bill-auger
Category: Description
```

```
Hello
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```
```

```
2022-01-12
```

```
```
Attaching gdb to process id 2178.
GNU gdb (GDB) 10.1
Copyright (C) 2020 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>
This is free software; you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.
Type "show copying" and "show warranty" for details.
This GDB was configured as "x86_64-pc-linux-gnu".
Type "show configuration" for configuration details.
For bug reporting instructions, please see:
Find the GDB manual and other documentation resources online at:

For help, type "help".
Type "apropos word" to search for commands related to "word".
[New LWP 2181]
0x000007f9a8103110f in wait4 () from /usr/lib/libc.so.6

Stack backtrace

No symbol table info available.
#1 0x000007f9a7e038fe in ?? ()
    from /usr/lib/python3.9/site-packages/cysignals/signals.cpython-39-x86_64-linux-gnu.so
No symbol table info available.
#2 0x000007f9a7e0398b in ?? ()
    from /usr/lib/python3.9/site-packages/cysignals/signals.cpython-39-x86_64-linux-gnu.so
No symbol table info available.
#3 0x000007f9a7e03c946 in ?? ()
No symbol table info available.
  #28 0x00007f9a8125acbd in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #29 0x00007f9a8125a681 in _PyEval_EvalCodeWithName ()
  from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #30 0x00007f9a8131e593 in PyEval_EvalCode () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #31 0x00007f9a8125c1e6 in _PyEval_EvalFrameDefault ()
  from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #32 0x00007f9a8126dc31 in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #33 0x00007f9a8132585d in PyEval_EvalCode () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #34 0x00007f9a8132585d in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #35 0x00007f9a81260e24 in _PyEval_EvalFrameDefault ()
  from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #36 0x00007f9a8125c1e6 in _PyEval_EvalFrameDefault ()
  from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #37 0x00007f9a8126d25a in _PyFunction_Vectorcall ()
  from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #38 0x00007f9a8125c1e6 in _PyEval_EvalFrameDefault ()
  from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #39 0x00007f9a8126d25a in _PyFunction_Vectorcall ()
  from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #40 0x00007f9a8127b2d9 in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #41 0x00007f9a8125c41a in _PyEval_EvalFrameDefault ()
  from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #42 0x00007f9a8125c41a in _PyEval_EvalFrameDefault ()
  from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #43 0x00007f9a8125acbd in _PyEval_EvalFrameDefault ()
  from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #44 0x00007f9a8125acbd in _PyEval_EvalFrameDefault ()
  from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #45 0x00007f9a8125acbd in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #46 0x00007f9a8125acbd in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #47 0x00007f9a8125acbd in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #48 0x00007f9a8125acbd in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #49 0x00007f9a8125acbd in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #50 0x00007f9a8125acbd in ?? () from /usr/lib/libpython3.9.so.1.0
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  #51 0x00007f9a8125acbd in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #52 0x00007f9a8125acbd in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
  #53 0x00007f9a8125acbd in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
#54 0x000007f9a8125c41a in _PyEval_EvalFrameDefault ()
   from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
#55 0x000007f9a8126d25a in _PyFunction_Vectorcall ()
   from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
#56 0x000007f9a8125c41a in _PyEval_EvalFrameDefault ()
   from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
#57 0x000007f9a8125acbd in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
#58 0x000007f9a8125a681 in _PyEval_EvalCodeWithName ()
   from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
#59 0x000007f9a8131e593 in PyEval_EvalCode () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
#60 0x000007f9a8125aea4d in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
#61 0x000007f9a8132a2eb in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
#62 0x000007f9a811ca5bc in ?? () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
#63 0x000007f9a811c9970 in PyRun_SimpleFileExFlags ()
   from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
#64 0x000007f9a8134042a in Py_RunMain () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
#65 0x000007f9a81311529 in Py_BytesMain () from /usr/lib/libpython3.9.so.1.0
No symbol table info available.
#66 0x000007f9a80f8cb25 in __libc_start_main () from /usr/lib/libc.so.6
No symbol table info available.
#67 0x000005f38f40004e in _start ()
No symbol table info available.

Cython backtrace
----------------
#0 0x000007f9a810310b0 in wait4 ()
#1 0x0000000000000000 in ?? ()
#2 0x0000000000000000 in ?? ()
#3 0x0000000000000000 in ?? ()
#4 0x000007f9a8153ef50 in __restore_rt ()
#5 0x000007f9a80fa21f0 in kill ()
#6 0x0000000000000000 in ?? ()
#7 0x0000000000000000 in ?? ()
#8 0x000007f9a80f2f6f90 in __gmp_tmp_reentrant_alloc ()
#9 0x000007f9a80f30a8a0 in __gmpz_n_pow_ui ()
#10 0x0000000000000000 in nrnInitChar(n_Procs_s*, void*) ()
#11 0x0000000000000000 in nInitChar(n_coeffType, void*) ()
#12 0x0000000000000000 in ?? ()
#13 0x0000000000000000 in ?? ()
#14 0x000007f9a81265270 in _PyObject_MakeTpCall ()
#15 0x000007f9a8125fe20 in _PyEval_EvalFrameDefault ()
#16 0x0000000000000000 in ?? ()
#17 0x000007f9a8126d0b0 in _PyFunction_Vectorcall ()
#18 0x000007f9a8125be20 in _PyEval_EvalFrameDefault ()
#19 0x0000000000000000 in ?? ()
#20 0x000007f9a8126d0b0 in _PyFunction_Vectorcall ()
#21 0x000007f9a8125be20 in _PyEval_EvalFrameDefault ()
#22 0x0000000000000000 in ?? ()
#23 0x000007f9a8126d0b0 in _PyFunction_Vectorcall ()
#24 0x000007f9a8125be20 in _PyEval_EvalFrameDefault ()
#25 0x0000000000000000 in ?? ()
#26 0x000007f9a8126d0b0 in _PyFunction_Vectorcall ()
#27 0x000007f9a8125be20 in _PyEval_EvalFrameDefault ()
#28 0x0000000000000000 in ?? ()
#29 0x000007f9a8125a630 in _PyEval_EvalCodeWithName ()
I tried to find the source of the problem, but I could not find it. Is it a Python problem? A Cython problem? Or even something in the kernel (running linux-libre 5.10.27-gnu-1-lts)?

I'm also not sure, whether this is the correct place to ask for help. Should I ask the sage people directly?

As always, please tell me if I can provide more informations.

Thank you for your help!

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Thank you for your help!
#2 - 2021-04-26 10:58 PM - bill-auger
- Status changed from confirmed to forwarded upstream

#3 - 2021-04-27 06:43 AM - theova
Thanks for forwarding, it got fixed by now.

#4 - 2021-04-27 02:44 PM - bill-auger
its not fixed for parabola yet though - the fix is in v9.2-17 - sometime today it should propagate across the parabola mirrors

#5 - 2021-05-01 12:49 AM - bill-auger
- Assignee set to bill-auger

#6 - 2021-05-01 12:49 AM - bill-auger
- Status changed from forwarded upstream to fixed