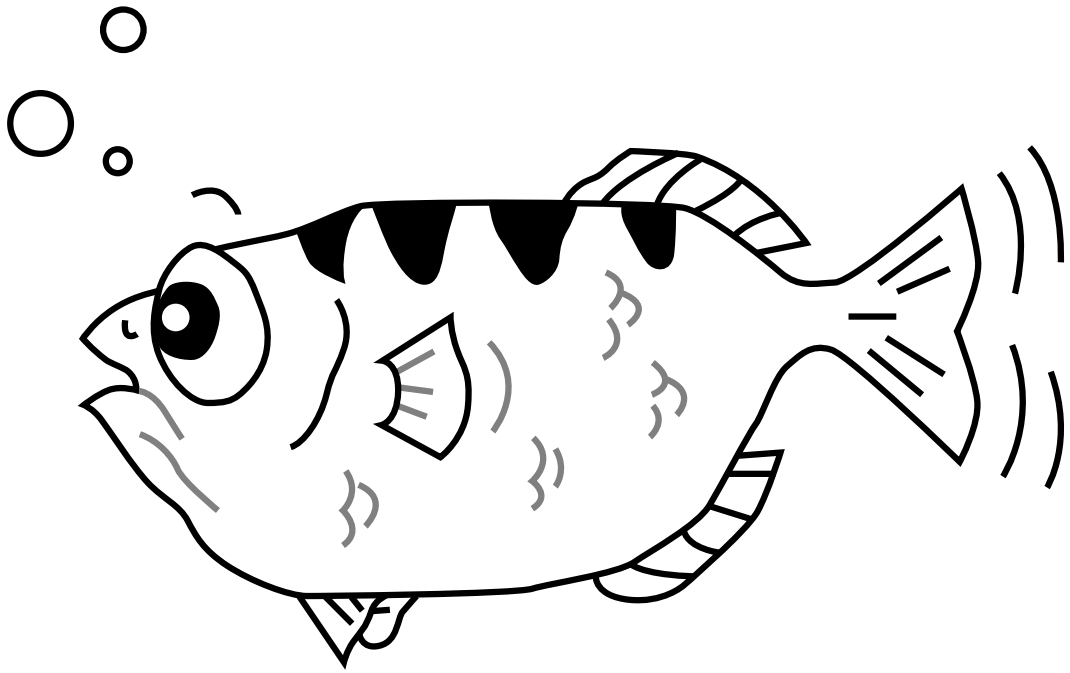
Using system-level tools to debug smalltalk systems



Jan Vraný

Palantir

Bee Smalltalk is now open source!

https://github.com/bee-smalltalk/bee64

#200 closed defect (fixed)

Opened 5 months ago
Closed 4 months ago
Last modified 5 weeks ago

Kill StX with some kind of overflow

Reported by:	Patrik Svestka	Owned by:	
Priority:	major	Milestone:	8.0.0
Component:	default	Keywords:	
Cc:		Also affects CVS HEAD (eXept version):	no

Description

I have managed to kill the VM with executing the following code in the Workspace:

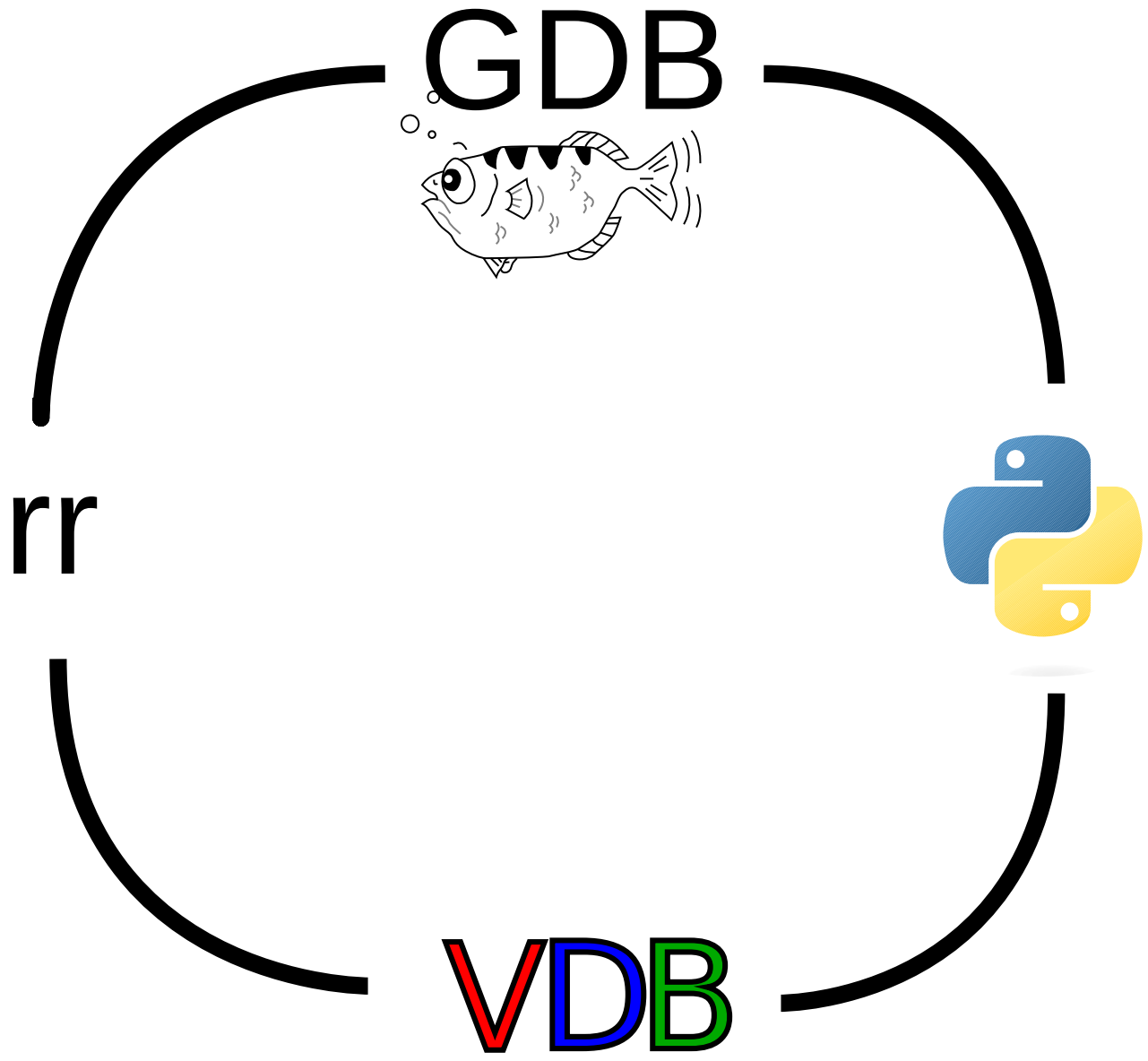
```
| test |
test := Unicode16String new.
test := 'コーヒーアイスクリームケーキビールすしかき空'.
200 timesRepeat:[test := test,test].
test size.
```

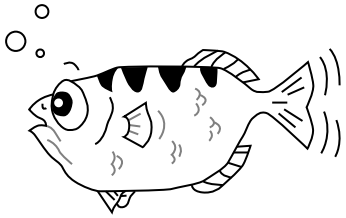
Please see attached log file for more details

```
> nano issue_200.txt

> smalltalk --record \
    --abortOnSIGSEGV \
    --execute issue_200.st

> smalltalk --replay --vdb
```


GDB
rr
VDB

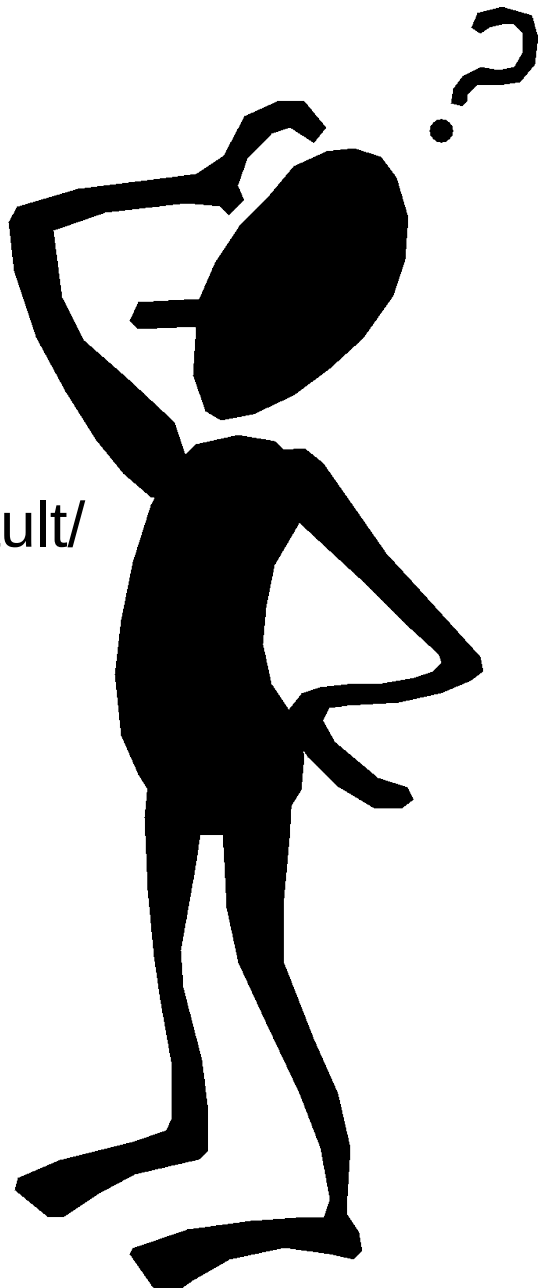


https://www.gnu.org/software/gdb/

VDB

https://bitbucket.org/janvrany/jv-vdb/src/default/

Smalltalk/X

jv-branch

https://swing.fit.cvut.cz/projects/stx-jv