Re: rational arithmetic library?

Source: http://coding.derkeiler.com/Archive/Lisp/comp.lang.lisp/2004−02/2301.html

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Date: 02/25/04

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taltman@noshpam.lbl.government writes:

> I took a second look at R5RS, and I realized my confusion; I guess my
> current implementation−of−choice, Guile, doesn't support 'numerator',
> 'denominator', or 'rationalize'! So I tried some others:
>
*> *DrScheme: yes*
*> *Guile: no*
*> *Chicken: no*
*> *Bigloo: yes*
*> *Scheme48/Scsh: yes*
*> *SCM: no*

I made a mistake: Bigloo does not support rationals:

1:=> rationalize

*** ERROR:bigloo:eval:
Unbound variable −− rationalize
#unspecified
1:=> numerator

*** ERROR:bigloo:eval:
Unbound variable −− numerator
#unspecified
1:=> denominator

*** ERROR:bigloo:eval:
Unbound variable −− denominator
#unspecified
1:=> (/ 10 3)
3.3333333333333
1:=> (/ 1111111111111111111 999999999999999999999999)

*** ERROR:bigloo:/:
not a number −− #l1111111111111111111
#unspecified

~T