

Dyson - Bug #169

[GHC] Text.Regex.Posix does not understand \w

2014-05-08 10:59 AM - Igor Pashev

Status:	Feedback	Start date:	2014-05-08
Priority:	Low	Due date:	
Assignee:		% Done:	60%
Category:		Estimated time:	0.00 hour
Target version:			

Description

Linux:

```
# ghci
GHCi, version 7.6.3: http://www.haskell.org/ghc/ :? for help
Loading package ghc-prim ... linking ... done.
Loading package integer-gmp ... linking ... done.
Loading package base ... linking ... done.
Prelude> import Text.Regex.Posix
Prelude Text.Regex.Posix> let line = "[ ((modMask .|. shiftMask, xK_Return), spawn $ XMonad.terminal conf) "
Prelude Text.Regex.Posix> line =~ "xK_(\\w+)" :: (String, String, String, [String])
Loading package array-0.4.0.1 ... linking ... done.
Loading package deepseq-1.3.0.1 ... linking ... done.
Loading package containers-0.5.0.0 ... linking ... done.
Loading package bytestring-0.10.0.2 ... linking ... done.
Loading package transformers-0.3.0.0 ... linking ... done.
Loading package mtl-2.1.2 ... linking ... done.
Loading package regex-base-0.93.2 ... linking ... done.
Loading package regex-posix-0.95.2 ... linking ... done.
("[ ((modMask .|. shiftMask, "xK_Return"), spawn $ XMonad.terminal conf)","Return")
Prelude Text.Regex.Posix>
```

Dyson:

```
# ghci
GHCi, version 7.6.3: http://www.haskell.org/ghc/ :? for help
Loading package ghc-prim ... linking ... done.
Loading package integer-gmp ... linking ... done.
Loading package base ... linking ... done.
Prelude> import Text.Regex.Posix
Prelude Text.Regex.Posix> let line = "[ ((modMask .|. shiftMask, xK_Return), spawn $ XMonad.terminal conf) "
Prelude Text.Regex.Posix> line =~ "xK_(\\w+)" :: (String, String, String, [String])
Loading package array-0.4.0.1 ... linking ... done.
Loading package deepseq-1.3.0.1 ... linking ... done.
Loading package bytestring-0.10.0.2 ... linking ... done.
Loading package containers-0.5.0.0 ... linking ... done.
Loading package transformers-0.3.0.0 ... linking ... done.
Loading package mtl-2.1.2 ... linking ... done.
Loading package regex-base-0.93.2 ... linking ... done.
Loading package regex-posix-0.95.2 ... linking ... done.
("[ ((modMask .|. shiftMask, xK_Return), spawn $ XMonad.terminal conf)","", "", [])
Prelude Text.Regex.Posix>
```

This causes Xmonad FTBFS.

Workaround:

```
Prelude Text.Regex.Posix> line =~ "xK_([[:alnum:]]+)" :: (String, String, String, [String])
```

```
("[ ((modMask .|. shiftMask, ", "xK_Return"), spawn $ XMonad.terminal conf)", ["Return"])
```

It does not depend on whether libc regex or bundled regex is used. Maybe because these sources have common ancestor :-)

History

#1 - 2014-05-10 01:47 PM - Igor Pashev

- Description updated

#2 - 2014-05-10 04:17 PM - Igor Pashev

- % Done changed from 0 to 60

- Description updated

- Status changed from New to Feedback

- Priority changed from Normal to Low

#3 - 2014-05-10 07:55 PM - Igor Pashev

- Subject changed from [GHC] Text.Regex.Posix is broken to [GHC] Text.Regex.Posix does not understand \w