050: contextorder1b.hs

↑ up

- issued: 2020-04-28
- 分類： A サンプルコードが fail
- status: Open

概要

049 の少し複雑なバージョン。

```
data A = A1 | A2 | A3
data B = B1 | B2

class MyShow a where
  myshow :: a -> [Char]

instance MyShow A where
  myshow A1 = "A1"
  myshow A2 = "A2"
  myshow A3 = "A3"

instance MyShow B where
  myshow B1 = "B1"
  myshow B2 = "B2"

data Pair a b = Pair a b

instance (MyShow a, MyShow b) => MyShow (Pair a b) where
  myshow (Pair x y) = "Pair " ++ myshow x ++ " " ++ myshow y

main = putStrLn $ myshow (Pair A1 B2)
```

調査ログ

2020-12-17 (Thu)

bunny 0.9.0 で試してみる。testrun の結果：

```
$ bunny testrun contextorder1b.hs
/home/unno/bunny/0.9.0/bin/bunnyc -d ./jout/contextorder1b --xno-implicit-prelude /home/unno/bunny/0
/home/unno/bunny/0.9.0/bin/bunnyc -d ./jout/contextorder1b --xlibrary-path /home/unno/bunny/0.9.0/li
Pair A1 B2
```

これは runhaskell での結果と同じで期待通り。

2021-10-24 (Sun)

全件確認の一環：

```
$ cat contextorder1b.hs
data A = A1 | A2 | A3
data B = B1 | B2

class MyShow a where
  myshow :: a -> [Char]

instance MyShow A where
  myshow A1 = "A1"
  myshow A2 = "A2"
  myshow A3 = "A3"

instance MyShow B where
  myshow B1 = "B1"
  myshow B2 = "B2"

data Pair a b = Pair a b

instance (MyShow a, MyShow b) => MyShow (Pair a b) where
  myshow (Pair x y) = "Pair " ++ myshow x ++ " " ++ myshow y
```

```
main = putStrLn $ myshow (Pair A1 B2)
unno@unno-FMVD70GN7G ~/work/bissues/050
$ runhaskell contextorder1b.hs
Pair A1 B2
unno@unno-FMVD70GN7G ~/work/bissues/050
$ ~/prj/bunny/compiler/bin/bunny testrun contextorder1b.hs
/home/unno/prj/bunny/compiler/bin/bunnyc -d ./jout/contextorder1b --xno-implicit-prelude /home/unno/
/home/unno/prj/bunny/compiler/bin/bunnyc -d ./jout/contextorder1b --xlibrary-path /home/unno/prj/bun
Pair A1 B2
```