Exercises do not have to be handed in!

Semantic Theory 2015: Exercise sheet 6

In the remainder of the exercises, we are going to use `PDRT-SANDBOX`, a Haskell library that implements Discourse Representation Theory (DRT), and its extension Projective Discourse Representation Theory (PDRT).

The goal of this week's exercise is to download and install `PDRT-SANDBOX`, and to familiarize yourselves with it.

Installing PDRT-SANDBOX

`PDRT-SANDBOX` is written in Haskell (for reasons that will soon become clear), and as such you will need a Haskell compiler and interpreter to run it. The easiest way is to get a Haskell compiler and interpreter is to install `The Haskell Platform` which runs on Windows, Mac, and Linux, and is available at:

```
http://www.haskell.org/platform/
```

Once you have installed `The Haskell Platform`, you can download and install `PDRT-SANDBOX`, which is available at:

```
http://hbrouwer.github.io/pdrt-sandbox/
```

In the source directory, type:

```
$ make
```

If you do not have `make`, try:

```
$ runhaskell Setup.hs configure --prefix=${HOME} --user
$ runhaskell Setup.hs build
$ runhaskell Setup.hs install
```

If all went well, you should now be able to use `PDRT-SANDBOX`, by importing it in the Haskell interpreter `ghci`:

```
$ ghci
GHCi, version 7.8.3: 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> :m Data.DRS
Prelude Data.DRS>
```

PDRT-SANDBOX Tutorial

Now that you are all set up, familiarize yourselves with `PDRT-SANDBOX` by doing the tutorial `DRSTutorial.hs` (which comes with the source bundle, but is also available from the `PDRT-SANDBOX` website). You can easily try the examples in this file by loading the file in `ghci`:

```
$ ghci DRSTutorial.hs
```

Note: You can skip the part about "Combining DRSs" for now.