

JPL problem (newbie)

Source: <http://coding.derkeiler.com/Archive/Prolog/comp.lang.prolog/2008-05/msg00138.html>

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```
import jpl.*;
public class Test01 {

    public static void main(String[] args) {
        JPL.init();
        Query q1 =
            new Query(
                "consult",
                new Term[] {new Atom("test.pl")}
            );
        System.out.println( "consult " + (q1.query() ? "succeeded" :
            "failed"));
        Variable X = new Variable();

        Query q4 =
            new Query(
                "descendent_of",
                new Term[] {X,new Atom("ralf")}
            );

        java.util.Hashtable solution;

        solution = q4.oneSolution();

        System.out.println( "first solution of descendent_of(X, ralf)");
        System.out.println( "X = " + solution.get(X));
    }
}
```

With the example from "Getting started":

```
child_of(joe, ralf).
child_of(mary, joe).
child_of(steve, joe).

descendent_of(X, Y) :-
    child_of(X, Y).
```

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```
descendent_of(X, Y) :-  
  child_of(Z, Y),  
  descendent_of(X, Z).
```

The output:

```
consult succeeded  
first solution of descendent_of(X, ralf)  
X = null  
% test.pl compiled 0.00 sec, 2,500 bytes  
.
```