Screenshots

Query 1

```
?- find_all_paths.
--- Beginning search for Path 1 ---
Exploring from entrance to a: path is open
Exploring from a to b: path is open
Moving from b to exit: destination reached
PATH 1 COMPLETE: [entrance,a,b,exit]
Initiating search for next alternative path...

--- Beginning search for Path 2 ---
Exploring from entrance to a: path is open
Exploring from a to b: path is open
Exploring from b to z: path is open
Moving from z to exit: destination reached
PATH 2 COMPLETE: [entrance,a,b,z,exit]
Initiating search for next alternative path...

--- Beginning search for Path 3 ---
Exploring from entrance to a: path is open
Exploring from a to d: path is open
Moving from d to exit: destination reached
PATH 3 COMPLETE: [entrance,a,d,exit]
No more paths found.
Generated visualization: path_1.dot
Generated visualization: path_2.dot
Generated visualization: path_3.dot
true
```

Query 2

```
?- silent_find_path(entrance, exit, Path).
Path = [entrance, a, b, exit] ;
Path = [entrance, a, b, z, exit] ;
Path = [entrance, a, d, exit] ;
false.
```

Query 3

```
?- can_move(a, b).
true.

?- can_move(a, e).
false.
```

Query 4

```
?- reason(b, exit, Reason).
Reason = 'destination reached' .

?- reason(a, b, Reason).
Reason = 'path is open' .
```