

This is an example of a picoml program embedded in a latex file. It uses the standard picoml library, including the IO-monad-like type ACT.

```

1  import "./lib/lib";
2
3  let putStrLn: [Char] -> ACT ();
4      putStrLn s = putStr s >> putStr "\n";
5
6      promptLine: [Char] -> ACT [Char];
7      promptLine prompt = putStr prompt >> getLine
8  end
9
10 let greeting  = "Hello. What's your name? ";
11     prompt    = promptLine greeting;
12     rec interact name =
13         prompt >>>
14             λ( " " -> return name
15               | r -> putStr "Hello " >> putStrLn r >> interact r
16             )
17     end
18
19 let main = interact "I still don't know you"
20     >>>
21     λ( name -> putStr "Goodbye, " >> putStr name >> putStrLn "." )
22     >?>
23     λ( _ -> putStrLn "\nI can see you're not going to tell me."
24         >>
25         return ()
26     );;
```

That was an example of a picoml program embedded in a latex file. It uses the standard picoml library, including the IO-monad-like type ACT. Here is some stuff in verbatim\*

`some_stuff`