



## Questions

1) cli initialise runtime\_session and in and out, and what else?

2)

both lexer and parser must know the goal, ie the grammar start symbol. The lexer has to know too because of the following wrapper to avoid

```
start
: TU_MODE translation_unit END {...}
| ONE_STATEMENT_MODE statement {...}
| ONE_STATEMENT_MODE END {...}
| READABLE_MODE readable END {...}
;

readable
: evaluable {...}
| block {...}
;
```

grammar ambiguity  
No lexer doesn't  
know it.

lexer\_ctx\_t { lexer\_ops\_t ops }

3) lexer {  
  lexer\_ctx\_t ctx;  
  scanner; }  
  ctx -> lexer-mode?  
lexer\_extra\_t extra; ← a file of scanner,  
so why here?

4) Expr lifetime? Scanner lifetime?  
Lexer mode can be typed?

and interpreter

5) parser and resolver use run-time session?  
and off-line services to do what factors take  
a runtime-session parser? in a opaque style void \*  
or through \*-hookctx which can callbacks  
too?

YES



