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sh-soltanpour / **compilerPhase2**

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final but not compelete(break and foreach)   **Browse files**
Loading branch information

⑅ ...

tinayz committed Dec 5, 2017

1 parent 976e086   commit 52e40e84fe81eef577527ec73883494f6d408615

❐ Showing **1 changed file** with **25 additions** and **20 deletions**.   Unified   Split

▼ 45 ▮▮▮▮▯ Atalk.g4

```
        @@ -61,7 +61,7 @@ receiver:
61   61          }
62   62          beginScope();
63   63          }
64   -       statements
     64   +       statements[false]
65   65          'end' NL
66   66          {endScope();}
67   67
        @@ -84,26 +84,26 @@ type returns [Type return_type]:
84   84          } ']')*
85   85          ;
86   86
87   -   block:
88   -       'begin' NL
89   -        statements
90   -       'end' NL
     87   +   block[boolean foreach]:
     88   +       'begin' NL{beginScope();}
     89   +        statements[foreach]
     90   +       'end'{endScope();} NL
91   91          ;
92   92
93   -   statements:
94   -       (statement | NL)*
     93   +   statements[boolean foreach]:
     94   +       (statement[foreach] | NL)*
```

```
 95   95        ;
 96   96

 97        -  statement:
      97    +  statement[boolean foreach]:
 98   98          stm_vardef
 99   99        | stm_assignment
100        -    | stm_foreach
101        -    | stm_if_elseif_else
     100    +    | stm_foreach[foreach]
     101    +    | stm_if_elseif_else[foreach]
102  102        | stm_quit
103        -    | stm_break
     103    +    | stm_break[foreach]
104  104        | stm_tell
105  105        | stm_write
106        -    | block
     106    +    | block[foreach]
107  107        ;
108  108
109  109        stm_vardef:
```
@@ -129,26 +129,31 @@ stm_write:
```
129  129          'write' '(' expr ')' NL
130  130        ;
131  131

132        -  stm_if_elseif_else:
     132    +  stm_if_elseif_else[boolean foreach]:
133  133

134        -    'if' expr NL{beginScope();} statements {endScope();}
135        -    ('elseif' expr NL{beginScope();} statements{endScope();})*
136        -    ('else' NL {beginScope();}statements{endScope();})?
     134    +    'if' expr NL{beginScope();} statements[foreach] {endScope();}
     135    +    ('elseif' expr NL{beginScope();} statements[foreach]{endScope();})*
     136    +    ('else' NL {beginScope();}statements[foreach]{endScope();})?
137  137        'end' NL
138  138        ;
139  139

140        -  stm_foreach:
     140    +  stm_foreach[boolean foreach]:
141  141          'foreach' ID 'in' expr NL
142        -      {beginScope();}statements{endScope();}
     142    +      {beginScope();}statements[true]{endScope();}
143  143          'end' NL
144  144        ;
145  145

146  146        stm_quit:
147  147          'quit' NL
148  148        ;
149  149

150        -  stm_break:
151        -      'break' NL
     150    +  stm_break[boolean foreach]:
     151    +      'break' NL{
     152    +      if(!$foreach){
     153    +        print("break biroone X(");
     154    +      }
     155    +
     156    +    }
152  157        ;
153  158
154  159        stm_assignment:
```

0 comments on commit `52e40e8`

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