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sh-soltanpour / **compilerPhase2**

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Add receiver parameters to symbol table, state declaration bug fix

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⑂ ...

sh-soltanpour committed Dec 6, 2017

1 parent 355b9ff   commit 16af379f91d453b088679bba175b554d9fafccf7

Showing **1 changed file** with **40 additions** and **26 deletions**.

Unified   Split

∨ **66** ■■■□■ Atalk.g4

···

		@@ -44,35 +44,48 @@ actor:
44	44	{endScope();}
45	45	;
46	46	state:
47		- type name = ID (',' ID)* NL
	47	+ {ArrayList<String> names = new ArrayList<String>();}
	48	+ type name = ID {names.add($name.text);}
	49	+ (',' name2 = ID {names.add($name2.text);})* NL
48	50	{
49		- boolean error = Tools.putGlobalVar($name.text,$type.return_type);
50		- if (error){
51		- Tools.codeIsValid = false;
52		- print("line "+ String.valueOf($name.getLine())+":global darim:P");
	51	+ for(int i = 0 ; i < names.size() ; i++){
	52	+ boolean error = Tools.putGlobalVar(names.get(i),$type.return_type);
	53	+ if(error){
	54	+ Tools.codeIsValid = false;
	55	+ print("line "+ String.valueOf($name.getLine())+":global darim:P");
	56	+ }
53	57	}
54		- }
	58	+ }
55	59	;
56	60	
57	61	receiver:
58	62	{
59	63	ArrayList<Type> arguments = new ArrayList<Type>();

```
       64 +     ArrayList<String> argumentsNames = new ArrayList<String>();
60     65       }
61        -    'receiver' name = ID '(' ( type  ID {arguments.add($type.return_type);}(','  type ID{arguments.add($type.return_type)
62        -    {boolean error;
63        -     error = Tools.putReceiver($name.text,arguments);
64        -      if (error){
65        -       Tools.codeIsValid = false;
66        -       print("line "+ String.valueOf($name.getLine())+":receiver ham darim:D");
67        -      }
68        -      else {
69        -       String message = "Receiver Name : " + $name.text + " argumentTypes :";
70        -       for (int i = 0; i < arguments.size(); i++){
71        -        message += arguments.get(i).toString() + ",";
       66 +    'receiver' name = ID '(' ( type  name2=ID {argumentsNames.add($name2.text);arguments.add($type.return_type);}(','  ty
       67 +    {
       68 +     boolean error;
       69 +     error = Tools.putReceiver($name.text,arguments);
       70 +      if (error){
       71 +       Tools.codeIsValid = false;
       72 +       print("line "+ String.valueOf($name.getLine())+":receiver ham darim:D");
       73 +      }
       74 +      else {
       75 +       String message = "Receiver Name : " + $name.text + " argumentTypes :";
       76 +       for (int i = 0; i < arguments.size(); i++){
       77 +        message += arguments.get(i).toString() + ",";
       78 +       }
       79 +       Tools.messages.add(message);
       80 +      }
       81 +      beginScope();
       82 +      for(int i = 0 ; i < argumentsNames.size() ; i++){
       83 +       error = Tools.putLocalVar(argumentsNames.get(i),arguments.get(i));
       84 +        if(error){
       85 +         Tools.codeIsValid = false;
       86 +          print("line "+ String.valueOf($name.getLine())+":localam darim:P");
       87 +        }
72     88       }
73        -       Tools.messages.add(message);
74        -      }
75        -      beginScope();
76     89       }
77     90       statements[false]
78     91      'end' NL
              @@ -127,14 +140,15 @@ stm_vardef:
127    140      ArrayList<String> names = new ArrayList<String>();
128    141      }
129    142      type name = ID{names.add($name.text);} ('=' expr)? (',' name2 = ID{names.add($name2.text);} ('=' expr)?)* NL
130        -   {for(int i = 0 ; i < names.size() ; i++){
131        -    boolean error = Tools.putLocalVar(names.get(i),$type.return_type );
132        -     if(error){
133        -      Tools.codeIsValid = false;
134        -      print("line "+ String.valueOf($name.getLine())+":Localam darim:|");
       143 +   {
       144 +    for(int i = 0 ; i < names.size() ; i++){
       145 +     boolean error = Tools.putLocalVar(names.get(i),$type.return_type );
       146 +      if(error){
       147 +       Tools.codeIsValid = false;
       148 +       print("line "+ String.valueOf($name.getLine())+":Localam darim:|");
       149 +     }
135    150      }
136    151      }
137        -   }
138    152      ;
139    153
140    154
```

0 comments on commit `16af379`

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