

DfRefactor - Bug #160

Multiple line code with variable type casting mistaken for variable declaration

07/12/2019 11:40 AM - Wil van Antwerpen

Status:	New	Start date:	07/12/2019
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			

**Description**

Reported by Jose:  
<https://support.dataaccess.com/Forums/showthread.php?64611-DfRefactor-20190426-Unused-local-variables-function-deletes-table-field>

I have tried Unused local variables function on our biggest project and it doesn't compile after that.

Suppose something like this:

```
Procedure MyProcedure
    String sVarN1

    Gosub MySubProcedure

    MySubProcedure:
        Move ((Trim(Table.FieldN1)) + " / " + (Trim(Table.FieldN2)) + " / " + ;
            String (Table.FieldN3) + " / " + String (Table.FieldN4)) to sVarN1
End_Procedure
```

It gets refactored to (pay attention to Table.FieldN3 & Table.FieldN4 & parenthesis closing):

```
Procedure MyProcedure

    Gosub MySubProcedure

    MySubProcedure:
        Move ((Trim(Table.FieldN1)) + " / " + (Trim(Table.FieldN2)) + " / " + ;
            String + " / " + String to sVarN1
```

This is because the line  
~~~  
String (Table.FieldN3) + " / " + String (Table.FieldN4)) to sVarN1  
~~~  
is mistaken by our parser as a line of code with variable declaration while it is not.

History

#1 - 01/11/2023 11:31 AM - Wil van Antwerpen

See also:  
<https://support.dataaccess.com/Forums/showthread.php?69406-DfRefactor-Unused-local-variables-line-breaks>