```
\begin{array}{c} se-\\ man-\\ tic\\ spec-\\ \vdots \end{array}
    ca-
tion
data
types
    in-
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flow
        be-
      ķαv-
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    \tilde{l}yzer^1??
   _{a}nalysis_{s}imple.rush
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three
int
exit
intadd
floatadd
analyzer
   _{a}ttr, float = \\
    H]rush/crates/rush-analyzer/src/analyzer.rs
   functions
scopes
   scopes
 inutable_rr]non_mut_variable_rror.txt
loop_count
break
continue
loop_count
 main
functions
main
??
   SIG_{main}, Jiout = H]rush/crates/rush - analyzer/src/analyzer.rsDuringtraversal of function bodies, the analyzer encounters two lets target and the start of the corresponding place of the corresponding place
   statement is an alyzed in order to obtain information about it's result data type. After the subtree of the expression has been travely a statement is an alyzed in order to obtain information about it's result data type. After the subtree of the expression has been travely a statement is an alyzed in order to obtain information about it's result data type. After the subtree of the expression has been travely a statement in the following travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the subtree of the expression has been travely as the expression has been travely as the subtree of the expression has been travely as the expression has been travely 
   expr, float = H[rush/crates/rush - analyzer/src/analyzer.rs]
 node
AnalyzedExpression
   expression
 type_impl, float = \\ H]rush/crates/rush - analyzer/src/ast.rsThe code in listing \ref{listing:showshowthetypeofanykindofanalyzed} expression can be forward. Here, the result_type function returns Type:: Int(0). In this implementation, Type enums are saccount which specifies the result of the re
   exit
   call_expr
   two
   \verb|infix| expriscalled. This function validates several constraints. For instance, the operand smust both be of the same type. Here is a constraint of the 
   expression and is now aware that it yields another integer. Now that the analysis of the call arguments has completed, their complete distributions and the complete distribution of the com
                                                   [first
   line=1822,
   last
   line=1827,
    caption=Validation
   Of
   Argument
   Туре
   Compatibility
   In
   The
```

Analyzer,