```
v8::internal::Expression
          Scope < Types >

    parser

- parent
 type

    has_possible_parameter

in scope chain
has_possible_arrow
_parameter_in_scope
_chain
+ ExpressionScope()
+ operator=()
+ NewVariable()
+ MergeVariableList()
+ Declare()
+ MarkIdentifierAsAssigned()
+ ValidateAsPattern()
+ ValidateAsExpression()
+ RecordAsyncArrowParameters
Error()
+ RecordParameterInitializer
Error()
and 9 more...
# parser()
# parent()
# Report()
# ExpressionScope()
# ~ExpressionScope()
# AsExpressionParsingScope()
# CanBeExpression()
# CanBeDeclaration()
# IsVariableDeclaration()
# IsLexicalDeclaration()
# IsAsyncArrowHeadParsingScope()
# IsVarDeclaration()

    AsArrowHeadParsingScope()

    AsParameterDeclarationParsing

Scope()

    AsVariableDeclarationParsing

Scope()
IsArrowHeadParsingScope()
- IsCertainlyPattern()
  Can Be Parameter Declaration ()
  CanBeArrowParameterDeclaration()
- IsCertainlyParameterDeclaration()
                  Δ
 v8::internal::Expression
      ParsingScope < Types >
  - variable
            list
 - messages

    locations

 - has async
              arrow in
  scope_chain
 + ExpressionParsingScope()
 + ExpressionParsingScope()
 + operator=()

    RecordAsyncArrowParameters

 Error()
     -ExpressionParsingScope()
 + ValidateAndRewriteReference()
 + RecordExpressionError()
 + RecordPatternError()
    ValidateExpression()
 + ValidatePattern()
 and 6 more.
 # is_verified()
 # ValidatePattern()
 - clear()
     valid()
   Record()
  Validate()
 - Report()
 mark_verified()clear_verified()
  v8::internal::ArrowHeadParsing
          Scope < Types >

    declaration_error_location

    declaration error message

    function_literal_id

  has_simple_parameter
   list
  - uses_this
  + ArrowHeadParsingScope()
  + ArrowHeadParsingScope()
  + operator=()
  + ValidateExpression()
  + ValidateAndCreateScope()
  + RecordDeclarationError()
  + RecordNonSimpleParameter()
  + RecordThisUse()
  + function literal id()
  kind()
```