**FunctionEnterNode**

Start of any function declaration

Create a new analysis domain for this function

**FunctionExitNode**

End of any function

Close analysis domain of function

**LocalFunctionDeclarationNode**

For functions within functions

Create a new local analysis domain for this function

**EnterValueParameterNode**

If a function argument has a default value, this node occurs, followed by the EnterDefaulArgumentsNode or ExitValueParameterNode if a value is given

No specific action taken.

**EnterDefaultArgumentsNode**

For default parameter values.

No specific action taken.

**ExitDefaultArgumentsNode**

End of default parameter.

No specific action taken.

**ExitValueParameterNode**

End of value parameter.

No specific action taken.

**SplitPostponedLambdasNode**

When creating a lamba function within a higher order function call (eg. x.map{it + 1})

Create new local analysis domain.

**PostponedLambdaExitNode**

At the end of previous lambda.

Close local analysis domain.

**MergePostponedLambdaExitsNode**

?

**AnonymousFunctionExpressionNode**

When declaring an anonymous function, this opens the block. Closed by FunctionExitNode.

Create new local analysis domain.

**FileEnterNode**

?

**FileExitNode**

?

**ClassEnterNode**

**ClassExitNode**

**LocalClassExitNode**

**AnonymousObjectEnterNode**

**AnonymousObjectExpressionExitNode**

**ScriptEnterNode**

**ScriptExitNode**

**CodeFragmentEnterNode**

**CodeFragmentExitNode**

**PropertyInitializerEnterNode**

**PropertyInitializerExitNode**

**DelegateExpressionExitNode**

**FieldInitializerEnterNode**

**FieldInitializerExitNode**

**InitBlockEnterNode**

**InitBlockExitNode**

**BlockEnterNode**

**BlockExitNode**

**WhenEnterNode**

**WhenExitNode**

**WhenBranchConditionEnterNode**

**WhenBranchConditionExitNode**

**WhenBranchResultEnterNode**

**WhenBranchResultExitNode**

**WhenSyntheticElseBranchNode**

**LoopEnterNode**

**LoopBlockEnterNode**

**LoopBlockExitNode**

**LoopConditionEnterNode**

**LoopConditionExitNode**

**LoopExitNode**

**TryExpressionEnterNode**

**TryMainBlockEnterNode**

**TryMainBlockExitNode**

**CatchClauseEnterNode**

**CatchClauseExitNode**

**FinallyBlockEnterNode**

**FinallyBlockExitNode**

**TryExpressionExitNode**

**BinaryAndEnterNode**

**BinaryAndExitLeftOperandNode**

**BinaryAndEnterRightOperandNode**

**BinaryAndExitNode**

**BinaryOrEnterNode**

**BinaryOrExitLeftOperandNode**

**BinaryOrEnterRightOperandNode**

**BinaryOrExitNode**

**TypeOperatorCallNode**

**ComparisonExpressionNode**

**EqualityOperatorCallNode**

**JumpNode**

**LiteralExpressionNode**

**CheckNotNullCallNode**

**QualifiedAccessNode**

**ResolvedQualifierNode**

?

**FunctionCallArgumentsEnterNode**

**FunctionCallArgumentsExitNode**

**FunctionCallNode**

**CallableReferenceNode**

?

**GetClassCallNode**

?

**DelegatedConstructorCallNode**

**StringConcatenationCallNode**

**ThrowExceptionNode**

**StubNode**

**VariableDeclarationNode**

**VariableAssignmentNode**

**EnterSafeCallNode**

**ExitSafeCallNode**

**ElvisLhsExitNode**

**ElvisLhsIsNotNullNode**

**ElvisRhsEnterNode**

**ElvisExitNode**

**WhenSubjectExpressionExitNode**