pointer:0x97dec70

root node

```
SgNode* p_parent : 0x97803b0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_file_info : 0x97f63b0
SgGlobal* p_root : 0x9804e38
std::list<std::string> p_originalCommandLineArgumentList:
int p_verbose: 0
bool p_C_only : 0
bool p_C99_only : 0
bool p_skip_transformation : 0
bool p_skip_unparse : 0
bool p unparse includes: 0
bool p_skipfinalCompileStep : 0
std::string p_sourceFileNameWithPath : TestCases/AliasTests/ternop.c
std::string p_sourceFileNameWithoutPath : ternop.c
std::string p_unparse_output_filename :
bool p_useBackendOnly : 0
bool p_compileOnly : 0
std::string p_savedEdgCommandLine : ./CtoOA TestCases/AliasTests/ternop.c
bool p_no_implicit_templates : 0
bool p_no_implicit_inline_templates : 0
bool p_skip_commentsAndDirectives: 0
bool p_collectAllCommentsAndDirectives: 0
ROSEAttributesListContainerPtr p_preprocessorDirectivesAndCommentsList: 0x99ea868
AstAttributeMechanism* p_attributeMechanism : 0 bool p_KCC_frontend : 0 bool p_new_frontend : 0 bool p_travTraceToDOT : 0
bool p_disable_edg_backend : 0
bool p_disable_sage_backend : 0
int p_testingLevel : -1
bool p_preinit_il: 0
bool p_enable_cp_backend : 0
bool p_outputGrammarTreeFiles : 0
bool p_outputGrammarTreeFilesForHeaderFiles: 0
bool p_outputGrammarTreeFilesForEDG: 0
```

pointer:0x9804e38

Click here to go to the parent node

SgNode* p_parent : 0x97dec70
bool p_isModified : 0
\$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97f63e8
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x980fa20
SgDeclarationStatementPtrList p_declarations : [0x9821690, 0x98216f0, 0x9821750, 0x98217b0, 0x9821810, 0x9821870, 0x9821918, 0x9821918,

pointer:0xb7f01490

bool p_isModified : 0

Click here to go to the parent node

SgNode* p_parent : 0x9804e38

```
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97fa358
Sg_File_Info* p_endOfConstruct : 0x97fa390
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x99eed80
AstAttributeMechanism* p_attributeMechanism : 0
unsigned int p_decl_attributes : 0
char* p_linkage :
SgDeclarationModifier p_declarationModifier : FTFFF
bool p_nameOnly : 0
bool p_nameOnly : 0
bool p_skipElaborateType : 0
bool p_skipElaborateType : 0
bool p_need_name_qualifier : 0
SgDeclarationStatement* p_definingDeclaration : 0xb7f01490
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgName p_name : "main"
SgFunctionParameterList* p_parameterList : 0xb7ec5f0c
SgFunctionModifier p_functionModifier : FTFFFF
SgSpecialFunctionModifier p_specialFunctionModifier : FTFFFF
SgFunctionType* p_type : 0x989eae8
SgFunctionDefinition* p_definition : 0x9950928
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x9804e38
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0xb7ec5f0c

```
SgNode* p_parent : 0xb7f01490
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97fa3c8
Sg_File_Info* p_endOfConstruct : 0x97fa400
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
unsigned int p_decl_attributes : 0
char* p_linkage :
SgDeclarationModifier p_declarationModifier : FTFFFF
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
bool p_need_name_qualifier : 0
SgDeclarationStatement* p_definingDeclaration : 0xb7ec5f0c
SgDeclarationStatement* p_args : []
```

Click here to go to the parent node

SgNode* p_parent : 0xb7f01490
bool p_isModified : 0
\$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97fa358
Sg_File_Info* p_endOfConstruct : 0x97fa438
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x980fa54
SgBasicBlock* p_body : 0x995a718

pointer:0x995a718

Click here to go to the parent node

SgNode* p_parent : 0x9950928
bool p_isModified : 0
\$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97fa4e0
Sg_File_Info* p_endOfConstruct : 0x97fa518
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x980fa88
SgStatementPtrList p_statements : [0x98ee320, 0x98ee350, 0x9965698, 0x9965668, 0x9965710, 0x9965728, 0x9965740, 0x99

pointer:0xb7e210fc

```
SgNode* p_parent: 0x995a718
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fa5f8
Sg_File_Info* p_endOfConstruct: 0x97fa630
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
unsigned int p_decl_attributes: 0
char* p_linkage:
SgDeclarationModifier p_declarationModifier: FFFFF
bool p_nameOnly: 1
bool p_forward: 0
bool p_externBrace: 0
bool p_externBrace: 0
bool p_need_name_qualifier: 0
SgDeclarationStatement* p_definingDeclaration: 0 xb7e210fc
SgInitializedNamePtrList p_variables: [0x98ee308]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration: 0
SgDeclarationStatement::template_specialization_enum p_specialization: 1
```

pointer:0x98b2f9c

```
SgNode* p_parent : 0xb7e210fc
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_file_info : 0x97fa668
SgName p_name : "r"
SgType* p_typeptr : 0x98e1b28
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7de70f4
SgStorageModifier* p_storageModifier : 0x98c6604
SgScopeStatement* p_scope : 0x995a718
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7e211f0

```
SgNode* p_parent: 0x995a718
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fa6d8
Sg_File_Info* p_endOfConstruct: 0x97fa710
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
unsigned int p_decl_attributes: 0
char* p_linkage:
SgDeclarationModifier p_declarationModifier: FFFFF
bool p_nameOnly: 1
bool p_forward: 0
bool p_externBrace: 0
bool p_externBrace: 0
bool p_need_name_qualifier: 0
SgDeclarationStatement* p_definingDeclaration: 0
SgDeclarationStatement* p_firstNondefiningDeclaration: 0xb7e211f0
SgInitializedNamePtrList p_variables: [0x98ee338]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration: 0
SgDeclarationStatement::template_specialization_enum p_specialization: 1
```

pointer:0x98b2ff0

```
SgNode* p_parent: 0xb7e211f0
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_file_info: 0x97fa748
SgName p_name: "p"
SgType* p_typeptr: 0x98e1b28
SgInitializer* p_initptr: 0
SgInitializedName* p_prev_decl_item: 0
bool p_is_initializer: 1
SgDeclarationStatement* p_declptr: 0xb7de71e0
SgStorageModifier* p_storageModifier: 0x98c6618
SgScopeStatement* p_scope: 0x995a718
SgInitializedName::preinitialization_enum p_preinitialization: 0
SgQualifiedNamePtrList p_qualifiedNameList: []
AstAttributeMechanism* p_attributeMechanism: 0
```

pointer:0xb7e212e4

```
SgNode* p_parent: 0x995a718
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fa7b8
Sg_File_Info* p_endOfConstruct: 0x97fa7f0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
unsigned int p_decl_attributes: 0
char* p_linkage:
SgDeclarationModifier p_declarationModifier: FFFFF
bool p_nameOnly: 1
bool p_forward: 0
bool p_externBrace: 0
bool p_externBrace: 0
bool p_need_name_qualifier: 0
SgDeclarationStatement* p_definingDeclaration: 0
SgDeclarationStatement* p_firstNondefiningDeclaration: 0xb7e212e4
SgInitializedNamePtrList p_variables: [0x98ee368]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration: 0
SgDeclarationStatement::template_specialization_enum p_specialization: 1
```

pointer:0x98b3044

```
SgNode* p_parent : 0xb7e212e4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_file_info : 0x97fa828
SgName p_name : "q"
SgType* p_typeptr : 0x98e1fa0
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7de72cc
SgStorageModifier* p_storageModifier : 0x98c662c
SgScopeStatement* p_scope : 0x995a718
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7e213d8

```
SgNode* p_parent: 0x995a718
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fa898
Sg_File_Info* p_endOfConstruct: 0x97fa8d0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
unsigned int p_decl_attributes: 0
char* p_linkage:
SgDeclarationModifier p_declarationModifier: FFFFF
bool p_nameOnly: 1
bool p_forward: 0
bool p_externBrace: 0
bool p_externBrace: 0
bool p_need_name_qualifier: 0
SgDeclarationStatement* p_definingDeclaration: 0
SgDeclarationStatement* p_firstNondefiningDeclaration: 0xb7e213d8
SgInitializedNamePtrList p_variables: [0x99656b0]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration: 0
SgDeclarationStatement::template_specialization_enum p_specialization: 1
```

pointer:0x98b3098

```
SgNode* p_parent : 0xb7e213d8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_file_info : 0x97fa908
SgName p_name : "a"
SgType* p_typeptr : 0x98d6f40
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7de73b8
SgStorageModifier* p_storageModifier : 0x98c6640
SgScopeStatement* p_scope : 0x995a718
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7e214cc

```
SgNode* p_parent: 0x995a718
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fa978
Sg_File_Info* p_endOfConstruct: 0x97fa9b0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
unsigned int p_decl_attributes: 0
char* p_linkage:
SgDeclarationModifier p_declarationModifier: FFFFF
bool p_nameOnly: 1
bool p_forward: 0
bool p_externBrace: 0
bool p_externBrace: 0
bool p_need_name_qualifier: 0
SgDeclarationStatement* p_definingDeclaration: 0
SgDeclarationStatement* p_firstNondefiningDeclaration: 0xb7e214cc
SgInitializedNamePtrList p_variables: [0x99656e0]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration: 0
SgDeclarationStatement::template_specialization_enum p_specialization: 1
```

pointer:0x98b30ec

```
SgNode* p_parent : 0xb7e214cc
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_file_info : 0x97fa9e8
SgName p_name : "b"
SgType* p_typeptr : 0x98d6f40
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7de74a4
SgStorageModifier* p_storageModifier : 0x98c6654
SgScopeStatement* p_scope : 0x995a718
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x998da68

Click here to go to the parent node

SgNode* p_parent: 0x995a718
bool p_isModified: 0
\$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fabe0
Sg_File_Info* p_endOfConstruct: 0x97faa58
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
SgExpressionRoot* p_expression_root: 0x9996710

```
SgNode* p_parent: 0x998da68
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97faa90
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 0
bool p_lvalue: 0
SgQualifiedNamePtrList p_qualifiedNameList: []
SgExpression* p_operand_i: 0x997ff78
SgType* p_expression_type: 0
SgUnaryOp::Sgop_mode p_mode: 0
```

pointer:0x997ff78

```
SgNode* p_parent: 0x9996710
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97faa90
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 0
bool p_lvalue: 1
SgQualifiedNamePtrList p_qualifiedNameList: []
SgExpression* p_lhs_operand_i: 0x99668b0
SgExpression* p_rhs_operand_i: 0x99724b0
SgType* p_expression_type: 0
```

pointer:0x99668b0

```
SgNode* p_parent : 0x997ff78
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97faac8
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 0
bool p_lvalue : 1
SgQualifiedNamePtrList p_qualifiedNameList : []
SgVariableSymbol* p_symbol : 0x994a9d8: varsym r declared at 0x0x98b2f9c
```

pointer:0x99724b0

```
SgNode* p_parent : 0x997ff78
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97fab38
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 1
bool p_Ivalue : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
SgExpression* p_operand_i : 0x99668e0
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x99668e0

```
SgNode* p_parent: 0x99724b0
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fab70
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 0
bool p_lvalue: 0
SgQualifiedNamePtrList p_qualifiedNameList: []
SgVariableSymbol* p_symbol: 0x994aa20: varsym a declared at 0x0x98b3098
```

pointer:0x998da8c

Click here to go to the parent node

SgNode* p_parent: 0x995a718
bool p_isModified: 0
\$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fadd8
Sg_File_Info* p_endOfConstruct: 0x97fac50
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
SgExpressionRoot* p_expression_root: 0x9996748

```
SgNode* p_parent: 0x998da8c
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fac88
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 0
bool p_lvalue: 0
SgQualifiedNamePtrList p_qualifiedNameList: []
SgExpression* p_operand_i: 0x997ffb0
SgType* p_expression_type: 0
SgUnaryOp::Sgop_mode p_mode: 0
```

pointer:0x997ffb0

```
SgNode* p_parent: 0x9996748
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fac88
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 0
bool p_lvalue: 1
SgQualifiedNamePtrList p_qualifiedNameList: []
SgExpression* p_lhs_operand_i: 0x9966910
SgExpression* p_rhs_operand_i: 0x99724e8
SgType* p_expression_type: 0
```

```
SgNode* p_parent : 0x997ffb0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97facc0
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 0
bool p_lvalue : 1
SgQualifiedNamePtrList p_qualifiedNameList : []
SgVariableSymbol* p_symbol : 0x994a9f0: varsym p declared at 0x0x98b2ff0
```

pointer:0x99724e8

```
SgNode* p_parent : 0x997ffb0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97fad30
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 1
bool p_Ivalue : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
SgExpression* p_operand_i : 0x9966940
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

```
SgNode* p_parent: 0x99724e8
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fad68
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 0
bool p_lvalue: 0
SgQualifiedNamePtrList p_qualifiedNameList: []
SgVariableSymbol* p_symbol: 0x994aa38: varsym b declared at 0x0x98b30ec
```

pointer:0x998dab0

Click here to go to the parent node

SgNode* p_parent: 0x995a718
bool p_isModified: 0
\$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fafd0
Sg_File_Info* p_endOfConstruct: 0x97fae48
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
SgExpressionRoot* p_expression_root: 0x9996780

```
SgNode* p_parent : 0x998dab0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97fae80
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 0
bool p_lvalue : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
SgExpression* p_operand_i : 0x997ffe8
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x997ffe8

```
SgNode* p_parent: 0x9996780
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fae80
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 0
bool p_lvalue: 1
SgQualifiedNamePtrList p_qualifiedNameList: []
SgExpression* p_lhs_operand_i: 0x9966970
SgExpression* p_rhs_operand_i: 0x9972520
SgType* p_expression_type: 0
```

```
SgNode* p_parent : 0x997ffe8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97faeb8
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 0
bool p_lvalue : 1
SgQualifiedNamePtrList p_qualifiedNameList : []
SgVariableSymbol* p_symbol : 0x994aa08: varsym q declared at 0x0x98b3044
```

```
SgNode* p_parent : 0x997ffe8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97faf28
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 1
bool p_Ivalue : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
SgExpression* p_operand_i : 0x99669a0
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x99669a0

```
SgNode* p_parent: 0x9972520
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97faf60
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 0
bool p_lvalue: 0
SgQualifiedNamePtrList p_qualifiedNameList: []
SgVariableSymbol* p_symbol: 0x994a9f0: varsym p declared at 0x0x98b2ff0
```

pointer:0x998dad4

Click here to go to the parent node

SgNode* p_parent: 0x995a718
bool p_isModified: 0
\$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fb468
Sg_File_Info* p_endOfConstruct: 0x97fb040
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
SgExpressionRoot* p_expression_root: 0x99967b8

pointer:0x99967b8

```
SgNode* p_parent : 0x998dad4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97fb078
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 0
bool p_lvalue : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
SgExpression* p_operand_i : 0x9980020
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x9980020

```
SgNode* p_parent: 0x99967b8
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fb078
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 0
bool p_lvalue: 1
SgQualifiedNamePtrList p_qualifiedNameList: []
SgExpression* p_lhs_operand_i: 0x99a46f8
SgExpression* p_rhs_operand_i: 0x99302d4
SgType* p_expression_type: 0
```

pointer:0x99a46f8

```
SgNode* p_parent : 0x9980020
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97fb0b0
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 0
bool p_lvalue : 1
SgQualifiedNamePtrList p_qualifiedNameList : []
SgExpression* p_operand_i : 0x99bfd30
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x99bfd30

```
SgNode* p_parent: 0x99a46f8
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fb0b0
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 1
bool p_Ivalue: 0
SgQualifiedNamePtrList p_qualifiedNameList: []
SgExpression* p_conditional_exp: 0x99b2150
SgExpression* p_true_exp: 0x9966a30
SgExpression* p_false_exp: 0x99a46c0
SgType* p_expression_type: 0
```

pointer:0x99b2150

```
SgNode* p_parent : 0x99bfd30
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97fb0e8
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 1
bool p_lvalue : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
SgExpression* p_lhs_operand_i : 0x99669d0
SgExpression* p_rhs_operand_i : 0x99a4688
SgType* p_expression_type : 0
```

pointer:0x99669d0

```
SgNode* p_parent : 0x99b2150
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97fb158
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 1
bool p_Ivalue : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
SgVariableSymbol* p_symbol : 0x994a9d8: varsym r declared at 0x0x98b2f9c
```

pointer:0x99a4688

```
SgNode* p_parent: 0x99b2150
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fb238
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 1
bool p_lvalue: 1
SgQualifiedNamePtrList p_qualifiedNameList: []
SgExpression* p_operand_i: 0x9966a00
SgType* p_expression_type: 0
SgUnaryOp::Sgop_mode p_mode: 0
```

pointer:0x9966a00

```
SgNode* p_parent: 0x99a4688
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fb238
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 1
bool p_lvalue: 0
SgQualifiedNamePtrList p_qualifiedNameList: []
SgVariableSymbol* p_symbol: 0x994aa08: varsym q declared at 0x0x98b3044
```

pointer:0x9966a30

```
SgNode* p_parent : 0x99bfd30
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97fb2e0
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 1
bool p_Ivalue : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
SgVariableSymbol* p_symbol : 0x994a9d8: varsym r declared at 0x0x98b2f9c
```

pointer:0x99a46c0

```
SgNode* p_parent : 0x99bfd30
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x99e1a00
Sg_File_Info* p_startOfConstruct : 0x97fb3c0
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 1
bool p_Ivalue : 1
SgQualifiedNamePtrList p_qualifiedNameList : []
SgExpression* p_operand_i : 0x9966a60
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x9966a60

```
SgNode* p_parent: 0x99a46c0
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fb3c0
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 1
bool p_lvalue: 0
SgQualifiedNamePtrList p_qualifiedNameList: []
SgVariableSymbol* p_symbol: 0x994aa08: varsym q declared at 0x0x98b3044
```

pointer:0x99302d4

```
SgNode* p_parent: 0x9980020
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fb430
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 1
bool p_lvalue: 0
SgQualifiedNamePtrList p_qualifiedNameList: []
SgExpression* p_valueExpressionTree: 0
int p_value: 42
```

pointer:0x99ce888

Click here to go to the parent node

SgNode* p_parent: 0x995a718
bool p_isModified: 0
\$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fb548
Sg_File_Info* p_endOfConstruct: 0x97fb4d8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
SgExpressionRoot* p_expression_root: 0x99967f0

pointer:0x99967f0

```
SgNode* p_parent: 0x99ce888
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fb5b8
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 0
bool p_lvalue: 0
SgQualifiedNamePtrList p_qualifiedNameList: []
SgExpression* p_operand_i: 0x9930308
SgType* p_expression_type: 0
SgUnaryOp::Sgop_mode p_mode: 0
```

pointer:0x9930308

```
SgNode* p_parent: 0x99967f0
bool p_isModified: 0
$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fb5b8
Sg_File_Info* p_endOfConstruct: 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0
bool p_need_paren: 0
bool p_lvalue: 0
SgQualifiedNamePtrList p_qualifiedNameList: []
SgExpression* p_valueExpressionTree: 0
int p_value: 0
```

pointer:0x99d7580

Click here to go to the parent node

SgNode* p_parent: 0x995a718
bool p_isModified: 0
\$CLASSNAME * p_freepointer: 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable: 0x99e1a00
Sg_File_Info* p_startOfConstruct: 0x97fb5f0
Sg_File_Info* p_endOfConstruct: 0x97fb628
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr: 0
AstAttributeMechanism* p_attributeMechanism: 0