

pointer:0x8fdec88

root node

```
SgNode* p_parent : 0x8f813b0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_file_info : 0x8ff63c8
SgGlobal* p_root : 0x9004e50
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/class.C
std::string p_sourceFileNameWithoutPath : class.C
std::string p_unparse_output_filename :
bool p_useBackendOnly : 0
bool p_compileOnly : 0
std::string p_savedEdgCommandLine : ./CtoOA
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 : 0x922c660
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:0x9004e50

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x8fdec88
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ff6400
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x900fa38
SgDeclarationStatementPtrList p_declarations : [0x9020700, 0x9020760, 0x90207c0, 0x9020820, 0x9020880, 0x90208e0, 0x9020988, 0x...
```

pointer:0xb7da6008

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x9004e50
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffa370
Sg_File_Info* p_endOfConstruct : 0x8ffa450
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x9230b78
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 : 0xb7da6008
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7da611c
SgName p_name : "B"
int p_class_type : 0
SgClassType* p_type : 0x914fb10
SgClassDefinition* p_definition : 0x915d610
int p_from_template : 0
SgScopeStatement* p_scope : 0x9004e50
bool p_fixupScope : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x915d610

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7da6008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffa3e0
Sg_File_Info* p_endOfConstruct : 0x8ffa488
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x900fa6c
SgDeclarationStatementPtrList p_members : []
SgBaseClassPtrList p_inheritances : []
```

pointer:0xb7da6230

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x9004e50
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffa4c0
Sg_File_Info* p_endOfConstruct : 0x8ffb3a0
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 : 0xb7da6230
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7da6344
SgName p_name : "A"
int p_class_type : 0
SgClassType* p_type : 0x914fb80
SgClassDefinition* p_definition : 0x915d644
int p_from_template : 0
SgScopeStatement* p_scope : 0x9004e50
bool p_fixupScope : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x915d644

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7da6230
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffa530
Sg_File_Info* p_endOfConstruct : 0x8ffa7d0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x900faa0
SgDeclarationStatementPtrList p_members : [0x9170318, 0x9170360, 0x91703a8, 0x9170438]
SgBaseClassPtrList p_inheritances : []
```

pointer:0xb7e240fc

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x915d644
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffa5d8
Sg_File_Info* p_endOfConstruct : 0x8ffa610
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
unsigned int p_decl_attributes : 0
char* p_linkage :
SgDeclarationModifier p_declarationModifier : FTFFFF
bool p_nameOnly : 1
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
bool p_need_name_qualifier : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7e240fc
SgInitializedNamePtrList p_variables : [0x9170300]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x90b1e0c

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7e240fc
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_file_info : 0x8ffa648
SgName p_name : "mB"
SgType* p_typeptr : 0x9171390
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7dea0f4
SgStorageModifier* p_storageModifier : 0x90c5474
SgScopeStatement* p_scope : 0x915d644
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```



pointer:0xb7d51008

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x915d644
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffa680
Sg_File_Info* p_endOfConstruct : 0x8ffa6b8
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 : 0xb7d51008
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgName p_name : "A"
SgFunctionParameterList* p_parameterList : 0xb7ec8f0c
SgFunctionModifier p_functionModifier : FTFFFF
SgSpecialFunctionModifier p_specialFunctionModifier : FTFFFF
SgFunctionType* p_type : 0x917c210
SgFunctionDefinition* p_definition : 0x918bc48
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x915d644
SgDeclarationStatement::template_specialization_enum p_specialization : 1
SgCtorInitializerList* p_CtorInitializerList : 0xb7d17008
```

pointer:0xb7ec8f0c

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7d51008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffa808
Sg_File_Info* p_endOfConstruct : 0x8ffa840
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 : 0xb7ec8f0c
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7ec8f0c
SgInitializedNamePtrList p_args : [0x9170390]
```

pointer:0x90b1e60

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7ec8f0c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_file_info : 0x8ffa990
SgName p_name : "p"
SgType* p_typeptr : 0x9171390
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0
SgStorageModifier* p_storageModifier : 0x90c5488
SgScopeStatement* p_scope : 0x918bc48
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x918bc48

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7d51008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffa680
Sg_File_Info* p_endOfConstruct : 0x8ffa8e8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x900fad4
SgBasicBlock* p_body : 0x91a76a8
```

pointer:0x91a76a8

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x918bc48
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffabf8
Sg_File_Info* p_endOfConstruct : 0x8ffac30
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x900fb08
SgStatementPtrList p_statements : [0x91703c0]
```

pointer:0x91b2398

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x91a76a8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffacd8
Sg_File_Info* p_endOfConstruct : 0x8ffad10
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7d17008

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7d51008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffa878
Sg_File_Info* p_endOfConstruct : 0x8ffa8b0
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 : 0xb7d17008
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7d17008
SgInitializedNamePtrList p_ctors : [0x9170378]
```

pointer:0x90b1eb4

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7d17008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_file_info : 0x8ffa9c8
SgName p_name : "mB"
SgType* p_typeptr : 0x9171390
SgInitializer* p_initptr : 0x913bfe8
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0
SgStorageModifier* p_storageModifier : 0x90c549c
SgScopeStatement* p_scope : 0x9004e50
SgInitializedName::preinitialization_enum p_preinitialization : 3
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```



pointer:0x913bfe8

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x90b1eb4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffaae0
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 : []
bool p_is_explicit_cast : 1
SgExpression* p_operand_i : 0x919b9c0
SgType* p_expression_type : 0
```

pointer:0x919b9c0

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x913bfe8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffaa70
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 : []
SgVariableSymbol* p_symbol : 0x9149bd8: varsym p declared at 0x0x90b1e60
```

pointer:0xb7d51164

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x915d644
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffad80
Sg_File_Info* p_endOfConstruct : 0x8ffadb8
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 : 0xb7d51164
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgName p_name : "foo"
SgFunctionParameterList* p_parameterList : 0xb7ec8ff8
SgFunctionModifier p_functionModifier : FTFFFF
SgSpecialFunctionModifier p_specialFunctionModifier : FTFFFF
SgFunctionType* p_type : 0x917c250
SgFunctionDefinition* p_definition : 0x918bc70
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x915d644
SgDeclarationStatement::template_specialization_enum p_specialization : 1
SgCtorInitializerList* p_CtorInitializerList : 0xb7d170f4
```

pointer:0xb7ec8ff8

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7d51164
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffae60
Sg_File_Info* p_endOfConstruct : 0x8ffae98
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 : 0xb7ec8ff8
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7ec8ff8
SgInitializedNamePtrList p_args : []
```

pointer:0x918bc70

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7d51164
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffad80
Sg_File_Info* p_endOfConstruct : 0x8ffaf40
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x900fb3c
SgBasicBlock* p_body : 0x91a76d4
```

pointer:0x91a76d4

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x918bc70
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffafe8
Sg_File_Info* p_endOfConstruct : 0x8ffb020
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x900fb70
SgStatementPtrList p_statements : [0x9170408, 0x9170420]
```

pointer:0xb7e241f0

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x91a76d4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffb100
Sg_File_Info* p_endOfConstruct : 0x8ffb138
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
unsigned int p_decl_attributes : 0
char* p_linkage :
SgDeclarationModifier p_declarationModifier : FFFFFF
bool p_nameOnly : 1
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
bool p_need_name_qualifier : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7e241f0
SgInitializedNamePtrList p_variables : [0x91703d8]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x90b1f08

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7e241f0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_file_info : 0x8ffb170
SgName p_name : "x"
SgType* p_typeptr : 0x90d6138
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7dea1e0
SgStorageModifier* p_storageModifier : 0x90c54b0
SgScopeStatement* p_scope : 0x91a76d4
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```



pointer:0x91b23b8

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x91a76d4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffb218
Sg_File_Info* p_endOfConstruct : 0x8ffb250
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7d170f4

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7d51164
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffaed0
Sg_File_Info* p_endOfConstruct : 0x8ffaf08
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 : 0xb7d170f4
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7d170f4
SgInitializedNamePtrList p_ctors : []
```

pointer:0xb7e242e4

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x915d644
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffb2c0
Sg_File_Info* p_endOfConstruct : 0x8ffb2f8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
unsigned int p_decl_attributes : 0
char* p_linkage :
SgDeclarationModifier p_declarationModifier : FFFFFF
bool p_nameOnly : 1
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
bool p_need_name_qualifier : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7e242e4
SgInitializedNamePtrList p_variables : [0x91703f0]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x90b1f5c

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7e242e4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_file_info : 0x8ffb330
SgName p_name : "slnt"
SgType* p_typeptr : 0x90d6138
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7dea2cc
SgStorageModifier* p_storageModifier : 0x90c54c4
SgScopeStatement* p_scope : 0x915d644
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7f04490

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x9004e50
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffb3d8
Sg_File_Info* p_endOfConstruct : 0x8ffb410
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 : 0xb7f04490
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgName p_name : "main"
SgFunctionParameterList* p_parameterList : 0xb7ec90e4
SgFunctionModifier p_functionModifier : FTFFFF
SgSpecialFunctionModifier p_specialFunctionModifier : FTFFFF
SgFunctionType* p_type : 0x909d958
SgFunctionDefinition* p_definition : 0x918bc98
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x9004e50
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0xb7ec90e4

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7f04490
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffb448
Sg_File_Info* p_endOfConstruct : 0x8ffb480
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 : 0xb7ec90e4
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7ec90e4
SgInitializedNamePtrList p_args : []
```

pointer:0x918bc98

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7f04490
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffb3d8
Sg_File_Info* p_endOfConstruct : 0x8ffb4b8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x900fba4
SgBasicBlock* p_body : 0x91a7700
```

pointer:0x91a7700

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x918bc98
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffb560
Sg_File_Info* p_endOfConstruct : 0x8ffb598
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x900fbd8
SgStatementPtrList p_statements : [0x9170498, 0x91704e0, 0x91704f8, 0x9170510, 0x9170528]
```



pointer:0xb7e243d8

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x91a7700
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffb6e8
Sg_File_Info* p_endOfConstruct : 0x8ffb720
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
unsigned int p_decl_attributes : 0
char* p_linkage :
SgDeclarationModifier p_declarationModifier : FFFFFF
bool p_nameOnly : 1
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
bool p_need_name_qualifier : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7e243d8
SgInitializedNamePtrList p_variables : [0x9170480]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x90b1fb0

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7e243d8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_file_info : 0x8ffb758
SgName p_name : "b"
SgType* p_typeptr : 0x914fb48
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7dea3b8
SgStorageModifier* p_storageModifier : 0x90c54d8
SgScopeStatement* p_scope : 0x91a7700
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7e244cc

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x91a7700
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffb950
Sg_File_Info* p_endOfConstruct : 0x8ffb988
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
unsigned int p_decl_attributes : 0
char* p_linkage :
SgDeclarationModifier p_declarationModifier : FFFFFF
bool p_nameOnly : 1
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
bool p_need_name_qualifier : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7e244cc
SgInitializedNamePtrList p_variables : [0x91704c8]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x90b2004

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0xb7e244cc
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_file_info : 0x8ffb9c0
SgName p_name : "a"
SgType* p_typeptr : 0x914fbb8
SgInitializer* p_initptr : 0x91c78d8
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7dea4a4
SgStorageModifier* p_storageModifier : 0x90c54ec
SgScopeStatement* p_scope : 0x91a7700
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x91c78d8

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x90b2004
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffb800
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 : []
bool p_is_explicit_cast : 0
SgMemberFunctionDeclaration* p_declaration : 0xb7d51008
SgExprListExp* p_args : 0x91bad10
SgClassDeclaration* p_class_decl : 0xb7da6230
bool p_need_name : 0
bool p_need_qualifier : 0
bool p_need_parenthesis_after_name : 1
bool p_associated_class_unknown : 0
```

pointer:0x91bad10

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x91c78d8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffb838
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 : []
SgExpressionPtrList p_expressions : [0x91704b0]
```

pointer:0x919b9f0

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x91bad10
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffb8e0
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 : 0x9149c20: varsym b declared at 0x0x90b1fb0
```

pointer:0x9201548

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x91a7700
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffbc98
Sg_File_Info* p_endOfConstruct : 0x8ffbba0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x920a1f0
```



pointer:0x920a1f0

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x9201548
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffbc28
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 : 0x91f3a30
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x91f3a30

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x920a1f0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffbc28
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_function : 0x91e5f68
SgExprListExp* p_args : 0x91bad44
SgType* p_expression_type : 0
```

pointer:0x91e5f68

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x91f3a30
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffb10
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_lhs_operand_i : 0x919ba20
SgExpression* p_rhs_operand_i : 0x91d7500
SgType* p_expression_type : 0
```

pointer:0x919ba20

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x91e5f68
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffbb48
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 : 0x9149c38: varsym a declared at 0x0x90b2004
```

pointer:0x91d7500

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x91e5f68
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffb8b8
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 : []
SgMemberFunctionSymbol* p_symbol_i : 0x91959b0
int p_virtual_call : 0
SgFunctionType* p_function_type : 0
int p_need_qualifier : 0
```

pointer:0x91bad44

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x91f3a30
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffbc60
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 : []
SgExpressionPtrList p_expressions : []
```

pointer:0x9217d58

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x91a7700
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffbd78
Sg_File_Info* p_endOfConstruct : 0x8ffbd08
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x920a228
```

pointer:0x920a228

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x9217d58
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffbe20
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 : 0x919ba50
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```



pointer:0x919ba50

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x920a228
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffbe20
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 : 0x9149c08: varsym slnt declared at 0x0x90b1f5c
```

pointer:0x91b23d8

[Click here to go to the parent node](#)

```
SgNode* p_parent : 0x91a7700
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x9223818
Sg_File_Info* p_startOfConstruct : 0x8ffbe90
Sg_File_Info* p_endOfConstruct : 0x8ffbec8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
```