

pointer:0x8ad9c80

root node

```
SgNode* p_parent : 0x8a7c3b0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_file_info : 0x8af13c0
SgGlobal* p_root : 0x8affe48
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/new.C
std::string p_sourceFileNameWithoutPath : new.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 : 0x8d09df8
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:0x8affe48

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

```
SgNode* p_parent : 0x8ad9c80
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af13f8
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8b0aa30
SgDeclarationStatementPtrList p_declarations : [0x8b1b680, 0x8b1b6e0, 0x8b1b740, 0x8b1b7a0, 0x8b1b800, 0x8b1b860, 0x8b1b908, 0x
```

pointer:0xb7dab008

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

```
SgNode* p_parent : 0x8affe48
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5368
Sg_File_Info* p_endOfConstruct : 0x8af5870
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x8d0e340
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 : 0xb7dab008
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7dab11c
SgName p_name : "MotionItem"
int p_class_type : 0
SgClassType* p_type : 0x8c4aa80
SgClassDefinition* p_definition : 0x8c58568
int p_from_template : 0
SgScopeStatement* p_scope : 0x8affe48
bool p_fixupScope : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8c58568

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

```
SgNode* p_parent : 0xb7dab008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af53d8
Sg_File_Info* p_endOfConstruct : 0x8af54f0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8b0aa64
SgDeclarationStatementPtrList p_members : [0x8be81a0]
SgBaseClassPtrList p_inheritances : []
```

pointer:0xb7d56008

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

```
SgNode* p_parent : 0x8c58568
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5410
Sg_File_Info* p_endOfConstruct : 0x8af5448
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 : 0xb7d56008
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgName p_name : "MotionItem"
SgFunctionParameterList* p_parameterList : 0xb7ecd0c
SgFunctionModifier p_functionModifier : FTFFFF
SgSpecialFunctionModifier p_specialFunctionModifier : FTFFFF
SgFunctionType* p_type : 0x8c6b0a8
SgFunctionDefinition* p_definition : 0x8c7aae0
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x8c58568
SgDeclarationStatement::template_specialization_enum p_specialization : 1
SgCtorInitializerList* p_CtorInitializerList : 0xb7d1c008
```

pointer:0xb7ecdf0c

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

```
SgNode* p_parent : 0xb7d56008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5528
Sg_File_Info* p_endOfConstruct : 0x8af5560
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 : 0xb7ecdf0c
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7ecdf0c
SgInitializedNamePtrList p_args : []
```

pointer:0x8c7aae0

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

```
SgNode* p_parent : 0xb7d56008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5410
Sg_File_Info* p_endOfConstruct : 0x8af5608
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8b0aa98
SgBasicBlock* p_body : 0x8c8b6f8
```

pointer:0x8c8b6f8

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

```
SgNode* p_parent : 0x8c7aae0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af56b0
Sg_File_Info* p_endOfConstruct : 0x8af56e8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8b0aacc
SgStatementPtrList p_statements : [0x8c8a668]
```


pointer:0x8c963e8

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

```
SgNode* p_parent : 0x8c8b6f8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5790
Sg_File_Info* p_endOfConstruct : 0x8af57c8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7d1c008

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

```
SgNode* p_parent : 0xb7d56008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5598
Sg_File_Info* p_endOfConstruct : 0x8af55d0
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 : 0xb7d1c008
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7d1c008
SgInitializedNamePtrList p_ctors : []
```

pointer:0xb7f09490

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

```
SgNode* p_parent : 0x8affe48
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af58a8
Sg_File_Info* p_endOfConstruct : 0x8af58e0
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 : 0xb7f09490
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgName p_name : "foo"
SgFunctionParameterList* p_parameterList : 0xb7ecdff8
SgFunctionModifier p_functionModifier : FTFFFF
SgSpecialFunctionModifier p_specialFunctionModifier : FTFFFF
SgFunctionType* p_type : 0x8b98810
SgFunctionDefinition* p_definition : 0x8c7ab08
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x8affe48
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0xb7ecdff8

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

```
SgNode* p_parent : 0xb7f09490
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5918
Sg_File_Info* p_endOfConstruct : 0x8af5950
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 : 0xb7ecdff8
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7ecdff8
SgInitializedNamePtrList p_args : []
```

pointer:0x8c7ab08

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

```
SgNode* p_parent : 0xb7f09490
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af58a8
Sg_File_Info* p_endOfConstruct : 0x8af5988
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8b0ab00
SgBasicBlock* p_body : 0x8c8b724
```

pointer:0x8c8b724

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

```
SgNode* p_parent : 0x8c7ab08
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5a30
Sg_File_Info* p_endOfConstruct : 0x8af5a68
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8b0ab34
SgStatementPtrList p_statements : [0x8c8a6c8, 0x8c8a6f8, 0x8c8a728, 0x8c8a758, 0x8c8a770]
```

pointer:0xb7e290fc

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

```
SgNode* p_parent : 0x8c8b724
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5c28
Sg_File_Info* p_endOfConstruct : 0x8af5c60
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 : 0xb7e290fc
SgInitializedNamePtrList p_variables : [0x8c8a6b0]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8bacd3c

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

```
SgNode* p_parent : 0xb7e290fc
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_file_info : 0x8af5c98
SgName p_name : "x"
SgType* p_typeptr : 0x8bdc074
SgInitializer* p_initptr : 0x8c36f58
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7def0f4
SgStorageModifier* p_storageModifier : 0x8bc03bc
SgScopeStatement* p_scope : 0x8c8b724
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```


pointer:0x8c36f58

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

```
SgNode* p_parent : 0x8bacd3c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5b10
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 : []
bool p_is_explicit_cast : 1
SgExpression* p_operand_i : 0x8c9e4e0
SgType* p_expression_type : 0
```

pointer:0x8c9e4e0

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

```
SgNode* p_parent : 0x8c36f58
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5b48
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 : 0x8c2a42c
SgType* p_expression_type : 0x8bdc074
SgUnaryOp::Sgop_mode p_mode : 0
SgCastExp::cast_type_enum p_cast_type : 2
```

pointer:0x8c2a42c

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

```
SgNode* p_parent : 0x8c9e4e0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5b48
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 : 0x8c9e51c
int p_value : 0
```

pointer:0x8c9e51c

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

```
SgNode* p_parent : 0x8c2a42c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5bb8
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 : 0x8cacfa8
SgType* p_expression_type : 0x8bdc074
SgUnaryOp::Sgop_mode p_mode : 0
SgCastExp::cast_type_enum p_cast_type : 2
```

pointer:0x8cacfa8

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

```
SgNode* p_parent : 0x8c9e51c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5bf0
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
long int p_value : 0
```

pointer:0xb7e291f0

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

```
SgNode* p_parent : 0x8c8b724
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5f70
Sg_File_Info* p_endOfConstruct : 0x8af5fa8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x8d00c78
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 : 0xb7e291f0
SgInitializedNamePtrList p_variables : [0x8c8a6e0]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8bacd90

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

```
SgNode* p_parent : 0xb7e291f0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_file_info : 0x8af5fe0
SgName p_name : "item1"
SgType* p_typeptr : 0x8bdc0f8
SgInitializer* p_initptr : 0x8c36f90
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7def1e0
SgStorageModifier* p_storageModifier : 0x8bc03d0
SgScopeStatement* p_scope : 0x8c8b724
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x8c36f90

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

```
SgNode* p_parent : 0x8bacd90
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5f38
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 : []
bool p_is_explicit_cast : 1
SgExpression* p_operand_i : 0x8cd6260
SgType* p_expression_type : 0
```


pointer:0x8cd6260

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

```
SgNode* p_parent : 0x8c36f90
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5f00
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 : []
SgType* p_specified_type : 0x8c4aab8
SgExprListExp* p_placement_args : 0
SgConstructorInitializer* p_constructor_args : 0x8cc6838
SgExpression* p_builtin_args : 0
short p_need_global_specifier : 1
```

pointer:0x8cc6838

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

```
SgNode* p_parent : 0x8cd6260
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5e90
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 : 0xb7d56008
SgExprListExp* p_args : 0x8cb9d10
SgClassDeclaration* p_class_decl : 0xb7dab008
bool p_need_name : 0
bool p_need_qualifier : 0
bool p_need_parenthesis_after_name : 0
bool p_associated_class_unknown : 0
```

pointer:0x8cb9d10

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

```
SgNode* p_parent : 0x8cc6838
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af5ec8
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:0xb7e292e4

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

```
SgNode* p_parent : 0x8c8b724
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af62b8
Sg_File_Info* p_endOfConstruct : 0x8af62f0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x8d0e3d0
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 : 0xb7e292e4
SgInitializedNamePtrList p_variables : [0x8c8a710]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8bacde4

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

```
SgNode* p_parent : 0xb7e292e4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_file_info : 0x8af6328
SgName p_name : "array1"
SgType* p_typeptr : 0x8bdbbc80
SgInitializer* p_initptr : 0x8c37000
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7def2cc
SgStorageModifier* p_storageModifier : 0x8bc03e4
SgScopeStatement* p_scope : 0x8c8b724
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x8c37000

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

```
SgNode* p_parent : 0x8bacde4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af6280
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 : []
bool p_is_explicit_cast : 1
SgExpression* p_operand_i : 0x8cd62a0
SgType* p_expression_type : 0
```

pointer:0x8cd62a0

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

```
SgNode* p_parent : 0x8c37000
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af6248
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 : []
SgType* p_specified_type : 0x8bd1098
SgExprListExp* p_placement_args : 0
SgConstructorInitializer* p_constructor_args : 0x8cc6878
SgExpression* p_builtin_args : 0x8c36fc8
short p_need_global_specifier : 0
```

pointer:0x8cc6878

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

```
SgNode* p_parent : 0x8cd62a0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af61d8
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
SgMemberFunctionDeclaration* p_declaration : 0
SgExprListExp* p_args : 0x8cb9d44
SgClassDeclaration* p_class_decl : 0
bool p_need_name : 0
bool p_need_qualifier : 0
bool p_need_parenthesis_after_name : 0
bool p_associated_class_unknown : 1
```


pointer:0x8cb9d44

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

```
SgNode* p_parent : 0x8cc6878
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af6210
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:0x8c36fc8

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

```
SgNode* p_parent : 0x8cd62a0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af61a0
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 : 0x8c2a460
SgType* p_expression_type : 0
```

pointer:0x8c2a460

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

```
SgNode* p_parent : 0x8c36fc8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af6168
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 : 100
```

pointer:0xb7e293d8

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

```
SgNode* p_parent : 0x8c8b724
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af6520
Sg_File_Info* p_endOfConstruct : 0x8af6558
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x8d0fea8
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 : 0xb7e293d8
SgInitializedNamePtrList p_variables : [0x8c8a740]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8bace38

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

```
SgNode* p_parent : 0xb7e293d8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_file_info : 0x8af6590
SgName p_name : "array2"
SgType* p_typeptr : 0x8bdbbc80
SgInitializer* p_initptr : 0x8c37038
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7def3b8
SgStorageModifier* p_storageModifier : 0x8bc03f8
SgScopeStatement* p_scope : 0x8c8b724
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x8c37038

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

```
SgNode* p_parent : 0x8bace38
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af64e8
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 : []
bool p_is_explicit_cast : 1
SgExpression* p_operand_i : 0x8cd62e0
SgType* p_expression_type : 0
```

pointer:0x8cd62e0

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

```
SgNode* p_parent : 0x8c37038
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af64b0
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 : []
SgType* p_specified_type : 0x8cf29f0
SgExprListExp* p_placement_args : 0
SgConstructorInitializer* p_constructor_args : 0x8cc68b8
SgExpression* p_builtin_args : 0
short p_need_global_specifier : 0
```

pointer:0x8cc68b8

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

```
SgNode* p_parent : 0x8cd62e0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af6440
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
SgMemberFunctionDeclaration* p_declaration : 0
SgExprListExp* p_args : 0x8cb9d78
SgClassDeclaration* p_class_decl : 0
bool p_need_name : 0
bool p_need_qualifier : 0
bool p_need_parenthesis_after_name : 0
bool p_associated_class_unknown : 1
```


pointer:0x8cb9d78

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

```
SgNode* p_parent : 0x8cc68b8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af6478
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:0x8c96408

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

```
SgNode* p_parent : 0x8c8b724
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8d00f90
Sg_File_Info* p_startOfConstruct : 0x8af67f8
Sg_File_Info* p_endOfConstruct : 0x8af6830
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
```