

pointer:0xa149c70

root node

```
SgNode* p_parent : 0xa0eb3b0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_file_info : 0xa1613b0
SgGlobal* p_root : 0xa16fe38
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/refClass2.C
std::string p_sourceFileNameWithoutPath : refClass2.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 : 0xa3b3980
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
```

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

```
SgNode* p_parent : 0xa149c70
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa1613e8
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0xa17aa20
SgDeclarationStatementPtrList p_declarations : [0xa18c6d8, 0xa18c738, 0xa18c798, 0xa18c7f8, 0xa18c858, 0xa18c8b8, 0xa18c960, 0xa18c9c8]
```

pointer:0xb7d38008

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

```
SgNode* p_parent : 0xa16fe38
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165358
Sg_File_Info* p_endOfConstruct : 0xa166430
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0xa3b7f88
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 : 0xb7d38008
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7d3811c
SgName p_name : "foo"
int p_class_type : 0
SgClassType* p_type : 0xa2bba68
SgClassDefinition* p_definition : 0xa2c9558
int p_from_template : 0
SgScopeStatement* p_scope : 0xa16fe38
bool p_fixupScope : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0xa2c9558

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

```
SgNode* p_parent : 0xb7d38008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa1653c8
Sg_File_Info* p_endOfConstruct : 0xa1654e0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0xa17aa54
SgDeclarationStatementPtrList p_members : [0xa2592a0, 0xa2fb778, 0xa2fb7a8]
SgBaseClassPtrList p_inheritances : []
```

pointer:0xb7ce3008

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

```
SgNode* p_parent : 0xa2c9558
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165400
Sg_File_Info* p_endOfConstruct : 0xa165438
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 : 0xb7ce3008
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgName p_name : "foo"
SgFunctionParameterList* p_parameterList : 0xb7e5af0c
SgFunctionModifier p_functionModifier : FTFFFF
SgSpecialFunctionModifier p_specialFunctionModifier : FTFFFF
SgFunctionType* p_type : 0xa2dc0c8
SgFunctionDefinition* p_definition : 0xa2ebb00
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0xa2c9558
SgDeclarationStatement::template_specialization_enum p_specialization : 1
SgCtorInitializerList* p_CtorInitializerList : 0xb7ca9008
```

pointer:0xb7e5af0c

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

```
SgNode* p_parent : 0xb7ce3008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165518
Sg_File_Info* p_endOfConstruct : 0xa165550
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 : 0xb7e5af0c
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7e5af0c
SgInitializedNamePtrList p_args : [0xa2fb6a0]
```

pointer:0xa21df9c

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

```
SgNode* p_parent : 0xb7e5af0c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_file_info : 0xa165630
SgName p_name : "x"
SgType* p_typeptr : 0xa24cc58
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0
SgStorageModifier* p_storageModifier : 0xa231604
SgScopeStatement* p_scope : 0xa2ebb00
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xa2ebb00

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

```
SgNode* p_parent : 0xb7ce3008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165400
Sg_File_Info* p_endOfConstruct : 0xa1655f8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0xa17aa88
SgBasicBlock* p_body : 0xa32d788
```


pointer:0xa32d788

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

```
SgNode* p_parent : 0xa2ebb00
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165ac8
Sg_File_Info* p_endOfConstruct : 0xa165b00
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0xa17aabc
SgStatementPtrList p_statements : [0xa2fb700, 0xa2fb718, 0xa2fb748, 0xa2fb760]
```

pointer:0xa346030

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

```
SgNode* p_parent : 0xa32d788
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165c50
Sg_File_Info* p_endOfConstruct : 0xa165b70
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0xa34ecd8
```

pointer:0xa34ecd8

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

```
SgNode* p_parent : 0xa346030
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165be0
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 : 0xa338540
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0xa338540

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

```
SgNode* p_parent : 0xa34ecd8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165be0
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 : 0xa2fc830
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0xa2fc830

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

```
SgNode* p_parent : 0xa338540
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165be0
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 : 0xa2b5b18: varsym x declared at 0x0xa21df9c
```

pointer:0xa346054

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

```
SgNode* p_parent : 0xa32d788
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165e48
Sg_File_Info* p_endOfConstruct : 0xa165cc0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0xa34ed10
```

pointer:0xa34ed10

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

```
SgNode* p_parent : 0xa346054
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165d68
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 : 0xa338578
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0xa338578

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

```
SgNode* p_parent : 0xa34ed10
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165d68
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 : 0xa31fc40
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```


pointer:0xa31fc40

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

```
SgNode* p_parent : 0xa338578
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165d68
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_lhs_operand_i : 0xa313094
SgExpression* p_rhs_operand_i : 0xa2fc860
SgType* p_expression_type : 0
```

pointer:0xa313094

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

```
SgNode* p_parent : 0xa31fc40
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165dd8
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 : []
SgClassSymbol* p_class_symbol : 0xa2d6188
int p_pobj_this : 0
```

pointer:0xa2fc860

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

```
SgNode* p_parent : 0xa31fc40
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165e10
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 : 0xa2b5b30: varsym someRef declared at 0x0xa21e098
```

pointer:0xa346078

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

```
SgNode* p_parent : 0xa32d788
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166158
Sg_File_Info* p_endOfConstruct : 0xa165eb8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0xa34ed48
```

pointer:0xa34ed48

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

```
SgNode* p_parent : 0xa346078
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165f60
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 : 0xa3385b0
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0xa3385b0

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

```
SgNode* p_parent : 0xa34ed48
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165f60
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 : 0xa31fc78
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0xa31fc78

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

```
SgNode* p_parent : 0xa3385b0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165f60
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_lhs_operand_i : 0xa3130c8
SgExpression* p_rhs_operand_i : 0xa2fc890
SgType* p_expression_type : 0
```

pointer:0xa3130c8

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

```
SgNode* p_parent : 0xa31fc78
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165fd0
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 : []
SgClassSymbol* p_class_symbol : 0xa2d6188
int p_pobj_this : 0
```


pointer:0xa2fc890

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

```
SgNode* p_parent : 0xa31fc78
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166120
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 : 0xa2b5b48: varsym someOtherRef declared at 0x0xa21e194
```

pointer:0xa35cb18

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

```
SgNode* p_parent : 0xa32d788
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166200
Sg_File_Info* p_endOfConstruct : 0xa166238
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7ca9008

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

```
SgNode* p_parent : 0xb7ce3008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165588
Sg_File_Info* p_endOfConstruct : 0xa1655c0
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 : 0xb7ca9008
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7ca9008
SgInitializedNamePtrList p_ctors : [0xa2fb688, 0xa2fb6d0]
```

pointer:0xa21dff0

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

```
SgNode* p_parent : 0xb7ca9008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_file_info : 0xa165668
SgName p_name : "someRef"
SgType* p_typeptr : 0xa308358
SgInitializer* p_initptr : 0xa2a7f40
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0
SgStorageModifier* p_storageModifier : 0xa231618
SgScopeStatement* p_scope : 0xa16fe38
SgInitializedName::preinitialization_enum p_preinitialization : 3
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xa2a7f40

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

```
SgNode* p_parent : 0xa21dff0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165748
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 : 0xa2fc7d0
SgType* p_expression_type : 0
```

pointer:0xa2fc7d0

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

```
SgNode* p_parent : 0xa2a7f40
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa1656d8
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 : 0xa2b5b18: varsym x declared at 0x0xa21df9c
```

pointer:0xa21e0ec

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

```
SgNode* p_parent : 0xb7ca9008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_file_info : 0xa165780
SgName p_name : "someOtherRef"
SgType* p_typeptr : 0xa308358
SgInitializer* p_initptr : 0xa2a7f78
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0
SgStorageModifier* p_storageModifier : 0xa231654
SgScopeStatement* p_scope : 0xa16fe38
SgInitializedName::preinitialization_enum p_preinitialization : 3
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xa2a7f78

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

```
SgNode* p_parent : 0xa21e0ec
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165a20
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 : 0xa31fc08
SgType* p_expression_type : 0
```


pointer:0xa31fc08

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

```
SgNode* p_parent : 0xa2a7f78
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165828
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_lhs_operand_i : 0xa313060
SgExpression* p_rhs_operand_i : 0xa2fc800
SgType* p_expression_type : 0
```

pointer:0xa313060

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

```
SgNode* p_parent : 0xa31fc08
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa165898
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 : []
SgClassSymbol* p_class_symbol : 0xa2d6188
int p_pobj_this : 0
```

pointer:0xa2fc800

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

```
SgNode* p_parent : 0xa31fc08
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa1659e8
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 : 0xa2b5b30: varsym someRef declared at 0x0xa21e098
```

pointer:0xb7db62e4

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

```
SgNode* p_parent : 0xa2c9558
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa1662a8
Sg_File_Info* p_endOfConstruct : 0xa1662e0
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 : 0xb7db62e4
SgInitializedNamePtrList p_variables : [0xa2fb6e8]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0xa21e098

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

```
SgNode* p_parent : 0xb7db62e4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_file_info : 0xa166318
SgName p_name : "someRef"
SgType* p_typeptr : 0xa308358
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7d7c4a4
SgStorageModifier* p_storageModifier : 0xa231640
SgScopeStatement* p_scope : 0xa2c9558
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7db63d8

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

```
SgNode* p_parent : 0xa2c9558
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166350
Sg_File_Info* p_endOfConstruct : 0xa166388
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 : 0xb7db63d8
SgInitializedNamePtrList p_variables : [0xa2fb790]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0xa21e194

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

```
SgNode* p_parent : 0xb7db63d8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_file_info : 0xa1663c0
SgName p_name : "someOtherRef"
SgType* p_typeptr : 0xa308358
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7d7c590
SgStorageModifier* p_storageModifier : 0xa23167c
SgScopeStatement* p_scope : 0xa2c9558
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7e96490

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

```
SgNode* p_parent : 0xa16fe38
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166468
Sg_File_Info* p_endOfConstruct : 0xa1664a0
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 : 0xb7e96490
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgName p_name : "main"
SgFunctionParameterList* p_parameterList : 0xb7e5aff8
SgFunctionModifier p_functionModifier : FTFFFF
SgSpecialFunctionModifier p_specialFunctionModifier : FTFFFF
SgFunctionType* p_type : 0xa209ae8
SgFunctionDefinition* p_definition : 0xa2ebb28
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0xa16fe38
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```


pointer:0xb7e5aff8

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

```
SgNode* p_parent : 0xb7e96490
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa1664d8
Sg_File_Info* p_endOfConstruct : 0xa166510
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 : 0xb7e5aff8
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7e5aff8
SgInitializedNamePtrList p_args : []
```

pointer:0xa2ebb28

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

```
SgNode* p_parent : 0xb7e96490
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166468
Sg_File_Info* p_endOfConstruct : 0xa166548
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0xa17aaf0
SgBasicBlock* p_body : 0xa32d7b4
```

pointer:0xa32d7b4

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

```
SgNode* p_parent : 0xa2ebb28
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa1665f0
Sg_File_Info* p_endOfConstruct : 0xa166628
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0xa17ab24
SgStatementPtrList p_statements : [0xa2fb808, 0xa2fb838, 0xa2fb880, 0xa2fb898, 0xa2fb8c8, 0xa2fb910, 0xa2fb928, 0xa2fb940]
```

pointer:0xb7db64cc

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

```
SgNode* p_parent : 0xa32d7b4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166708
Sg_File_Info* p_endOfConstruct : 0xa166740
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
unsigned int p_decl_attributes : 0
char* p_linkage :
SgDeclarationModifier p_declarationModifier : FFFFFFFF
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 : 0xb7db64cc
SgInitializedNamePtrList p_variables : [0xa2fb7f0]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0xa21e1e8

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

```
SgNode* p_parent : 0xb7db64cc
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_file_info : 0xa166778
SgName p_name : "y"
SgType* p_typeptr : 0xa242070
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7d7c67c
SgStorageModifier* p_storageModifier : 0xa231690
SgScopeStatement* p_scope : 0xa32d7b4
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7db65c0

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

```
SgNode* p_parent : 0xa32d7b4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166900
Sg_File_Info* p_endOfConstruct : 0xa166938
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
unsigned int p_decl_attributes : 0
char* p_linkage :
SgDeclarationModifier p_declarationModifier : FFFFFFFF
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 : 0xb7db65c0
SgInitializedNamePtrList p_variables : [0xa2fb820]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0xa21e23c

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

```
SgNode* p_parent : 0xb7db65c0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_file_info : 0xa166970
SgName p_name : "ptr"
SgType* p_typeptr : 0xa24cc58
SgInitializer* p_initptr : 0xa2a7fb0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7d7c768
SgStorageModifier* p_storageModifier : 0xa2316a4
SgScopeStatement* p_scope : 0xa32d7b4
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xa2a7fb0

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

```
SgNode* p_parent : 0xa21e23c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa1668c8
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 : 0xa364ee0
SgType* p_expression_type : 0
```


pointer:0xa364ee0

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

```
SgNode* p_parent : 0xa2a7fb0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166820
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_operand_i : 0xa2fc8c0
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0xa2fc8c0

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

```
SgNode* p_parent : 0xa364ee0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166858
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 : 0xa2b5b60: varsym y declared at 0x0xa21e1e8
```

pointer:0xb7db66b4

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

```
SgNode* p_parent : 0xa32d7b4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166ba0
Sg_File_Info* p_endOfConstruct : 0xa166bd8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
unsigned int p_decl_attributes : 0
char* p_linkage :
SgDeclarationModifier p_declarationModifier : FFFFFFFF
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 : 0xb7db66b4
SgInitializedNamePtrList p_variables : [0xa2fb868]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0xa21e290

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

```
SgNode* p_parent : 0xb7db66b4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_file_info : 0xa166c10
SgName p_name : "f"
SgType* p_typeptr : 0xa2bbaa0
SgInitializer* p_initptr : 0xa37f728
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7d7c854
SgStorageModifier* p_storageModifier : 0xa2316b8
SgScopeStatement* p_scope : 0xa32d7b4
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xa37f728

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

```
SgNode* p_parent : 0xa21e290
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166a18
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 : 0xb7ce3008
SgExprListExp* p_args : 0xa372b38
SgClassDeclaration* p_class_decl : 0xb7d38008
bool p_need_name : 0
bool p_need_qualifier : 0
bool p_need_parenthesis_after_name : 1
bool p_associated_class_unknown : 0
```

pointer:0xa372b38

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

```
SgNode* p_parent : 0xa37f728
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166a50
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 : [0xa2fb850]
```

pointer:0xa2fc8f0

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

```
SgNode* p_parent : 0xa372b38
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166b30
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 : 0xa2b5b78: varsym ptr declared at 0x0xa21e23c
```

pointer:0xa34609c

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

```
SgNode* p_parent : 0xa32d7b4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166e40
Sg_File_Info* p_endOfConstruct : 0xa166d60
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0xa34ed80
```


pointer:0xa34ed80

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

```
SgNode* p_parent : 0xa34609c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166dd0
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 : 0xa3385e8
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0xa3385e8

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

```
SgNode* p_parent : 0xa34ed80
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166dd0
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 : 0xa2fc920
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0xa2fc920

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

```
SgNode* p_parent : 0xa3385e8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166dd0
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 : 0xa2b5b78: varsym ptr declared at 0x0xa21e23c
```

pointer:0xb7db67a8

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

```
SgNode* p_parent : 0xa32d7b4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa166f20
Sg_File_Info* p_endOfConstruct : 0xa166f58
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
unsigned int p_decl_attributes : 0
char* p_linkage :
SgDeclarationModifier p_declarationModifier : FFFFFFFF
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 : 0xb7db67a8
SgInitializedNamePtrList p_variables : [0xa2fb8b0]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0xa21e2e4

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

```
SgNode* p_parent : 0xb7db67a8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_file_info : 0xa166f90
SgName p_name : "z"
SgType* p_typeptr : 0xa242070
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7d7c940
SgStorageModifier* p_storageModifier : 0xa2316cc
SgScopeStatement* p_scope : 0xa32d7b4
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7db689c

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

```
SgNode* p_parent : 0xa32d7b4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa167348
Sg_File_Info* p_endOfConstruct : 0xa167380
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
unsigned int p_decl_attributes : 0
char* p_linkage :
SgDeclarationModifier p_declarationModifier : FFFFFFFF
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 : 0xb7db689c
SgInitializedNamePtrList p_variables : [0xa2fb8f8]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0xa21e338

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

```
SgNode* p_parent : 0xb7db689c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_file_info : 0xa1673b8
SgName p_name : "fooptr"
SgType* p_typeptr : 0xa24d0d0
SgInitializer* p_initptr : 0xa2a7fe8
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7d7ca2c
SgStorageModifier* p_storageModifier : 0xa2316e0
SgScopeStatement* p_scope : 0xa32d7b4
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xa2a7fe8

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

```
SgNode* p_parent : 0xa21e338
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa167310
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 : 0xa38f770
SgType* p_expression_type : 0
```


pointer:0xa38f770

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

```
SgNode* p_parent : 0xa2a7fe8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa1672d8
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 : 0xa2bbaa0
SgExprListExp* p_placement_args : 0
SgConstructorInitializer* p_constructor_args : 0xa37f768
SgExpression* p_builtin_args : 0
short p_need_global_specifier : 0
```

pointer:0xa37f768

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

```
SgNode* p_parent : 0xa38f770
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa167150
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 : 0xb7ce3008
SgExprListExp* p_args : 0xa372b6c
SgClassDeclaration* p_class_decl : 0xb7d38008
bool p_need_name : 0
bool p_need_qualifier : 0
bool p_need_parenthesis_after_name : 1
bool p_associated_class_unknown : 0
```

pointer:0xa372b6c

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

```
SgNode* p_parent : 0xa37f768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa167188
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 : [0xa2fb8e0]
```

pointer:0xa364f18

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

```
SgNode* p_parent : 0xa372b6c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa167230
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_operand_i : 0xa2fc950
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0xa2fc950

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

```
SgNode* p_parent : 0xa364f18
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa167268
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 : 0xa2b5ba8: varsym z declared at 0x0xa21e2e4
```

pointer:0xa39f2f8

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

```
SgNode* p_parent : 0xa32d7b4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa167508
Sg_File_Info* p_endOfConstruct : 0xa167498
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0xa34edb8
```

pointer:0xa34edb8

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

```
SgNode* p_parent : 0xa39f2f8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa167578
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 : 0xa29b414
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0xa29b414

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

```
SgNode* p_parent : 0xa34edb8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa167578
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:0xa35cb38

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

```
SgNode* p_parent : 0xa32d7b4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0xa3aab18
Sg_File_Info* p_startOfConstruct : 0xa1675b0
Sg_File_Info* p_endOfConstruct : 0xa1675e8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
```