

pointer:0x8e1dc70

root node

```
SgNode* p_parent : 0x8dbf3b0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_file_info : 0x8e353b0
SgGlobal* p_root : 0x8e43e38
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/refClass.C
std::string p_sourceFileNameWithoutPath : refClass.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 : 0x9077a50
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 : 0x8e1dc70
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e353e8
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8e4ea20
SgDeclarationStatementPtrList p_declarations : [0x8e606d8, 0x8e60738, 0x8e60798, 0x8e607f8, 0x8e60858, 0x8e608b8, 0x8e60960, 0x8e609c0, 0x8e60a20, 0x8e60a80, 0x8e60ae0, 0x8e60b40, 0x8e60ba0, 0x8e60c00, 0x8e60c80, 0x8e60d00, 0x8e60d80, 0x8e60e00, 0x8e60e80, 0x8e60f00, 0x8e60f80, 0x8e61000, 0x8e61080, 0x8e61100, 0x8e61180, 0x8e61200, 0x8e61280, 0x8e61300, 0x8e61380, 0x8e61400, 0x8e61480, 0x8e61500, 0x8e61580, 0x8e61600, 0x8e61680, 0x8e61700, 0x8e61780, 0x8e61800, 0x8e61880, 0x8e61900, 0x8e61980, 0x8e61a00, 0x8e61a80, 0x8e61b00, 0x8e61b80, 0x8e61c00, 0x8e61c80, 0x8e61d00, 0x8e61d80, 0x8e61e00, 0x8e61e80, 0x8e61f00, 0x8e61f80, 0x8e62000, 0x8e62080, 0x8e62100, 0x8e62180, 0x8e62200, 0x8e62280, 0x8e62300, 0x8e62380, 0x8e62400, 0x8e62480, 0x8e62500, 0x8e62580, 0x8e62600, 0x8e62680, 0x8e62700, 0x8e62780, 0x8e62800, 0x8e62880, 0x8e62900, 0x8e62980, 0x8e62a00, 0x8e62a80, 0x8e62b00, 0x8e62b80, 0x8e62c00, 0x8e62c80, 0x8e62d00, 0x8e62d80, 0x8e62e00, 0x8e62e80, 0x8e62f00, 0x8e62f80, 0x8e63000, 0x8e63080, 0x8e63100, 0x8e63180, 0x8e63200, 0x8e63280, 0x8e63300, 0x8e63380, 0x8e63400, 0x8e63480, 0x8e63500, 0x8e63580, 0x8e63600, 0x8e63680, 0x8e63700, 0x8e63780, 0x8e63800, 0x8e63880, 0x8e63900, 0x8e63980, 0x8e63a00, 0x8e63a80, 0x8e63b00, 0x8e63b80, 0x8e63c00, 0x8e63c80, 0x8e63d00, 0x8e63d80, 0x8e63e00, 0x8e63e80, 0x8e63f00, 0x8e63f80, 0x8e64000, 0x8e64080, 0x8e64100, 0x8e64180, 0x8e64200, 0x8e64280, 0x8e64300, 0x8e64380, 0x8e64400, 0x8e64480, 0x8e64500, 0x8e64580, 0x8e64600, 0x8e64680, 0x8e64700, 0x8e64780, 0x8e64800, 0x8e64880, 0x8e64900, 0x8e64980, 0x8e64a00, 0x8e64a80, 0x8e64b00, 0x8e64b80, 0x8e64c00, 0x8e64c80, 0x8e64d00, 0x8e64d80, 0x8e64e00, 0x8e64e80, 0x8e64f00, 0x8e64f80, 0x8e65000, 0x8e65080, 0x8e65100, 0x8e65180, 0x8e65200, 0x8e65280, 0x8e65300, 0x8e65380, 0x8e65400, 0x8e65480, 0x8e65500, 0x8e65580, 0x8e65600, 0x8e65680, 0x8e65700, 0x8e65780, 0x8e65800, 0x8e65880, 0x8e65900, 0x8e65980, 0x8e65a00, 0x8e65a80, 0x8e65b00, 0x8e65b80, 0x8e65c00, 0x8e65c80, 0x8e65d00, 0x8e65d80, 0x8e65e00, 0x8e65e80, 0x8e65f00, 0x8e65f80, 0x8e66000, 0x8e66080, 0x8e66100, 0x8e66180, 0x8e66200, 0x8e66280, 0x8e66300, 0x8e66380, 0x8e66400, 0x8e66480, 0x8e66500, 0x8e66580, 0x8e66600, 0x8e66680, 0x8e66700, 0x8e66780, 0x8e66800, 0x8e66880, 0x8e66900, 0x8e66980, 0x8e66a00, 0x8e66a80, 0x8e66b00, 0x8e66b80, 0x8e66c00, 0x8e66c80, 0x8e66d00, 0x8e66d80, 0x8e66e00, 0x8e66e80, 0x8e66f00, 0x8e66f80, 0x8e67000, 0x8e67080, 0x8e67100, 0x8e67180, 0x8e67200, 0x8e67280, 0x8e67300, 0x8e67380, 0x8e67400, 0x8e67480, 0x8e67500, 0x8e67580, 0x8e67600, 0x8e67680, 0x8e67700, 0x8e67780, 0x8e67800, 0x8e67880, 0x8e67900, 0x8e67980, 0x8e67a00, 0x8e67a80, 0x8e67b00, 0x8e67b80, 0x8e67c00, 0x8e67c80, 0x8e67d00, 0x8e67d80, 0x8e67e00, 0x8e67e80, 0x8e67f00, 0x8e67f80, 0x8e68000, 0x8e68080, 0x8e68100, 0x8e68180, 0x8e68200, 0x8e68280, 0x8e68300, 0x8e68380, 0x8e68400, 0x8e68480, 0x8e68500, 0x8e68580, 0x8e68600, 0x8e68680, 0x8e68700, 0x8e68780, 0x8e68800, 0x8e68880, 0x8e68900, 0x8e68980, 0x8e68a00, 0x8e68a80, 0x8e68b00, 0x8e68b80, 0x8e68c00, 0x8e68c80, 0x8e68d00, 0x8e68d80, 0x8e68e00, 0x8e68e80, 0x8e68f00, 0x8e68f80, 0x8e69000, 0x8e69080, 0x8e69100, 0x8e69180, 0x8e69200, 0x8e69280, 0x8e69300, 0x8e69380, 0x8e69400, 0x8e69480, 0x8e69500, 0x8e69580, 0x8e69600, 0x8e69680, 0x8e69700, 0x8e69780, 0x8e69800, 0x8e69880, 0x8e69900, 0x8e69980, 0x8e69a00, 0x8e69a80, 0x8e69b00, 0x8e69b80, 0x8e69c00, 0x8e69c80, 0x8e69d00, 0x8e69d80, 0x8e69e00, 0x8e69e80, 0x8e69f00, 0x8e69f80, 0x8e6a000, 0x8e6a080, 0x8e6a100, 0x8e6a180, 0x8e6a200, 0x8e6a280, 0x8e6a300, 0x8e6a380, 0x8e6a400, 0x8e6a480, 0x8e6a500, 0x8e6a580, 0x8e6a600, 0x8e6a680, 0x8e6a700, 0x8e6a780, 0x8e6a800, 0x8e6a880, 0x8e6a900, 0x8e6a980, 0x8e6aa00, 0x8e6aa80, 0x8e6ab00, 0x8e6ab80, 0x8e6ac00, 0x8e6ac80, 0x8e6ad00, 0x8e6ad80, 0x8e6ae00, 0x8e6ae80, 0x8e6af00, 0x8e6af80, 0x8e6b000, 0x8e6b080, 0x8e6b100, 0x8e6b180, 0x8e6b200, 0x8e6b280, 0x8e6b300, 0x8e6b380, 0x8e6b400, 0x8e6b480, 0x8e6b500, 0x8e6b580, 0x8e6b600, 0x8e6b680, 0x8e6b700, 0x8e6b780, 0x8e6b800, 0x8e6b880, 0x8e6b
```

pointer:0xb7d64008

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

```
SgNode* p_parent : 0x8e43e38
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39358
Sg_File_Info* p_endOfConstruct : 0x8e3a430
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x907c070
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 : 0xb7d64008
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7d6411c
SgName p_name : "foo"
int p_class_type : 0
SgClassType* p_type : 0x8f8fa40
SgClassDefinition* p_definition : 0x8f9d530
int p_from_template : 0
SgScopeStatement* p_scope : 0x8e43e38
bool p_fixupScope : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8f9d530

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

```
SgNode* p_parent : 0xb7d64008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e393c8
Sg_File_Info* p_endOfConstruct : 0x8e394e0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8e4ea54
SgDeclarationStatementPtrList p_members : [0x8f2d288, 0x8fcf750, 0x8fcf780]
SgBaseClassPtrList p_inheritances : []
```

pointer:0xb7d0f008

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

```
SgNode* p_parent : 0x8f9d530
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39400
Sg_File_Info* p_endOfConstruct : 0x8e39438
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 : 0xb7d0f008
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgName p_name : "foo"
SgFunctionParameterList* p_parameterList : 0xb7e86f0c
SgFunctionModifier p_functionModifier : FTFFFF
SgSpecialFunctionModifier p_specialFunctionModifier : FTFFFF
SgFunctionType* p_type : 0x8fb00a0
SgFunctionDefinition* p_definition : 0x8fbfad8
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x8f9d530
SgDeclarationStatement::template_specialization_enum p_specialization : 1
SgCtorInitializerList* p_CtorInitializerList : 0xb7cd5008
```

pointer:0xb7e86f0c

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

```
SgNode* p_parent : 0xb7d0f008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39518
Sg_File_Info* p_endOfConstruct : 0x8e39550
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 : 0xb7e86f0c
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7e86f0c
SgInitializedNamePtrList p_args : [0x8fcf678]
```

pointer:0x8ef1f9c

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

```
SgNode* p_parent : 0xb7e86f0c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_file_info : 0x8e39630
SgName p_name : "x"
SgType* p_typeptr : 0x8f20c40
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0
SgStorageModifier* p_storageModifier : 0x8f05604
SgScopeStatement* p_scope : 0x8fbfad8
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x8fbfad8

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

```
SgNode* p_parent : 0xb7d0f008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39400
Sg_File_Info* p_endOfConstruct : 0x8e395f8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8e4ea88
SgBasicBlock* p_body : 0x9001760
```


pointer:0x9001760

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

```
SgNode* p_parent : 0x8fbfad8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39ac8
Sg_File_Info* p_endOfConstruct : 0x8e39b00
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8e4eabc
SgStatementPtrList p_statements : [0x8fcf6d8, 0x8fcf6f0, 0x8fcf720, 0x8fcf738]
```

pointer:0x901a008

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

```
SgNode* p_parent : 0x9001760
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39c50
Sg_File_Info* p_endOfConstruct : 0x8e39b70
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x9022cb0
```

pointer:0x9022cb0

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

```
SgNode* p_parent : 0x901a008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39be0
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 : 0x900c518
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x900c518

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

```
SgNode* p_parent : 0x9022cb0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39be0
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 : 0x8fd0808
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8fd0808

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

```
SgNode* p_parent : 0x900c518
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39be0
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 : 0x8f89af0: varsym x declared at 0x0x8ef1f9c
```

pointer:0x901a02c

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

```
SgNode* p_parent : 0x9001760
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39e48
Sg_File_Info* p_endOfConstruct : 0x8e39cc0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x9022ce8
```

pointer:0x9022ce8

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

```
SgNode* p_parent : 0x901a02c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39d68
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 : 0x900c550
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x900c550

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

```
SgNode* p_parent : 0x9022ce8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39d68
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 : 0x8ff3c18
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```


pointer:0x8ff3c18

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

```
SgNode* p_parent : 0x900c550
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39d68
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 : 0x8fe706c
SgExpression* p_rhs_operand_i : 0x8fd0838
SgType* p_expression_type : 0
```

pointer:0x8fe706c

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

```
SgNode* p_parent : 0x8ff3c18
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39dd8
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 : 0x8faa160
int p_pobj_this : 0
```

pointer:0x8fd0838

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

```
SgNode* p_parent : 0x8ff3c18
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39e10
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 : 0x8f89b08: varsym someRef declared at 0x0x8ef2098
```

pointer:0x901a050

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

```
SgNode* p_parent : 0x9001760
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3a158
Sg_File_Info* p_endOfConstruct : 0x8e39eb8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x9022d20
```

pointer:0x9022d20

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

```
SgNode* p_parent : 0x901a050
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39f60
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 : 0x900c588
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x900c588

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

```
SgNode* p_parent : 0x9022d20
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39f60
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 : 0x8ff3c50
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8ff3c50

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

```
SgNode* p_parent : 0x900c588
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39f60
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 : 0x8fe70a0
SgExpression* p_rhs_operand_i : 0x8fd0868
SgType* p_expression_type : 0
```

pointer:0x8fe70a0

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

```
SgNode* p_parent : 0x8ff3c50
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39fd0
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 : 0x8faa160
int p_pobj_this : 0
```


pointer:0x8fd0868

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

```
SgNode* p_parent : 0x8ff3c50
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3a120
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 : 0x8f89b20: varsym someOtherRef declared at 0x0x8ef2194
```

pointer:0x9030af0

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

```
SgNode* p_parent : 0x9001760
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3a200
Sg_File_Info* p_endOfConstruct : 0x8e3a238
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7cd5008

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

```
SgNode* p_parent : 0xb7d0f008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39588
Sg_File_Info* p_endOfConstruct : 0x8e395c0
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 : 0xb7cd5008
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7cd5008
SgInitializedNamePtrList p_ctors : [0x8fcf660, 0x8fcf6a8]
```

pointer:0x8ef1ff0

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

```
SgNode* p_parent : 0xb7cd5008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_file_info : 0x8e39668
SgName p_name : "someRef"
SgType* p_typeptr : 0x8fdc330
SgInitializer* p_initptr : 0x8f7bf18
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0
SgStorageModifier* p_storageModifier : 0x8f05618
SgScopeStatement* p_scope : 0x8e43e38
SgInitializedName::preinitialization_enum p_preinitialization : 3
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x8f7bf18

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

```
SgNode* p_parent : 0x8ef1ff0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39748
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 : 0x8fd07a8
SgType* p_expression_type : 0
```

pointer:0x8fd07a8

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

```
SgNode* p_parent : 0x8f7bf18
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e396d8
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 : 0x8f89af0: varsym x declared at 0x0x8ef1f9c
```

pointer:0x8ef20ec

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

```
SgNode* p_parent : 0xb7cd5008
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_file_info : 0x8e39780
SgName p_name : "someOtherRef"
SgType* p_typeptr : 0x8fdc330
SgInitializer* p_initptr : 0x8f7bf50
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0
SgStorageModifier* p_storageModifier : 0x8f05654
SgScopeStatement* p_scope : 0x8e43e38
SgInitializedName::preinitialization_enum p_preinitialization : 3
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x8f7bf50

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

```
SgNode* p_parent : 0x8ef20ec
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39a20
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 : 0x8ff3be0
SgType* p_expression_type : 0
```


pointer:0x8ff3be0

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

```
SgNode* p_parent : 0x8f7bf50
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39828
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 : 0x8fe7038
SgExpression* p_rhs_operand_i : 0x8fd07d8
SgType* p_expression_type : 0
```

pointer:0x8fe7038

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

```
SgNode* p_parent : 0x8ff3be0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e39898
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 : 0x8faa160
int p_pobj_this : 0
```

pointer:0x8fd07d8

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

```
SgNode* p_parent : 0x8ff3be0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e399e8
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 : 0x8f89b08: varsym someRef declared at 0x0x8ef2098
```

pointer:0xb7de22e4

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

```
SgNode* p_parent : 0x8f9d530
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3a2a8
Sg_File_Info* p_endOfConstruct : 0x8e3a2e0
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 : 0xb7de22e4
SgInitializedNamePtrList p_variables : [0x8fcf6c0]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8ef2098

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

```
SgNode* p_parent : 0xb7de22e4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_file_info : 0x8e3a318
SgName p_name : "someRef"
SgType* p_typeptr : 0x8fdc330
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7da84a4
SgStorageModifier* p_storageModifier : 0x8f05640
SgScopeStatement* p_scope : 0x8f9d530
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7de23d8

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

```
SgNode* p_parent : 0x8f9d530
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3a350
Sg_File_Info* p_endOfConstruct : 0x8e3a388
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 : 0xb7de23d8
SgInitializedNamePtrList p_variables : [0x8fcf768]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8ef2194

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

```
SgNode* p_parent : 0xb7de23d8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_file_info : 0x8e3a3c0
SgName p_name : "someOtherRef"
SgType* p_typeptr : 0x8fdc330
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7da8590
SgStorageModifier* p_storageModifier : 0x8f0567c
SgScopeStatement* p_scope : 0x8f9d530
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7ec2490

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

```
SgNode* p_parent : 0x8e43e38
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3a468
Sg_File_Info* p_endOfConstruct : 0x8e3a4a0
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 : 0xb7ec2490
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgName p_name : "main"
SgFunctionParameterList* p_parameterList : 0xb7e86ff8
SgFunctionModifier p_functionModifier : FTFFFF
SgSpecialFunctionModifier p_specialFunctionModifier : FTFFFF
SgFunctionType* p_type : 0x8eddae8
SgFunctionDefinition* p_definition : 0x8fbfb00
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x8e43e38
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```


pointer:0xb7e86ff8

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

```
SgNode* p_parent : 0xb7ec2490
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3a4d8
Sg_File_Info* p_endOfConstruct : 0x8e3a510
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 : 0xb7e86ff8
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7e86ff8
SgInitializedNamePtrList p_args : []
```

pointer:0x8fbfb00

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

```
SgNode* p_parent : 0xb7ec2490
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3a468
Sg_File_Info* p_endOfConstruct : 0x8e3a548
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8e4eaf0
SgBasicBlock* p_body : 0x900178c
```

pointer:0x900178c

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

```
SgNode* p_parent : 0x8fbfb00
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3a5f0
Sg_File_Info* p_endOfConstruct : 0x8e3a628
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8e4eb24
SgStatementPtrList p_statements : [0x8fcf7e0, 0x8fcf810, 0x8fcf858, 0x8fcf870, 0x8fcf888, 0x8fcf8a0]
```

pointer:0xb7de24cc

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

```
SgNode* p_parent : 0x900178c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3a708
Sg_File_Info* p_endOfConstruct : 0x8e3a740
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 : 0xb7de24cc
SgInitializedNamePtrList p_variables : [0x8fcf7c8]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8ef21e8

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

```
SgNode* p_parent : 0xb7de24cc
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_file_info : 0x8e3a778
SgName p_name : "y"
SgType* p_typeptr : 0x8f16058
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7da867c
SgStorageModifier* p_storageModifier : 0x8f05690
SgScopeStatement* p_scope : 0x900178c
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7de25c0

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

```
SgNode* p_parent : 0x900178c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3a900
Sg_File_Info* p_endOfConstruct : 0x8e3a938
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 : 0xb7de25c0
SgInitializedNamePtrList p_variables : [0x8fcf7f8]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8ef223c

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

```
SgNode* p_parent : 0xb7de25c0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_file_info : 0x8e3a970
SgName p_name : "ptr"
SgType* p_typeptr : 0x8f20c40
SgInitializer* p_initptr : 0x8f7bf88
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7da8768
SgStorageModifier* p_storageModifier : 0x8f056a4
SgScopeStatement* p_scope : 0x900178c
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x8f7bf88

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

```
SgNode* p_parent : 0x8ef223c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3a8c8
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 : 0x9038eb8
SgType* p_expression_type : 0
```


pointer:0x9038eb8

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

```
SgNode* p_parent : 0x8f7bf88
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3a820
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 : 0x8fd0898
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8fd0898

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

```
SgNode* p_parent : 0x9038eb8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3a858
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 : 0x8f89b38: varsym y declared at 0x0x8ef21e8
```

pointer:0xb7de26b4

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

```
SgNode* p_parent : 0x900178c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3aba0
Sg_File_Info* p_endOfConstruct : 0x8e3abd8
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 : 0xb7de26b4
SgInitializedNamePtrList p_variables : [0x8fcf840]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8ef2290

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

```
SgNode* p_parent : 0xb7de26b4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_file_info : 0x8e3ac10
SgName p_name : "f"
SgType* p_typeptr : 0x8f8fa78
SgInitializer* p_initptr : 0x9053700
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7da8854
SgStorageModifier* p_storageModifier : 0x8f056b8
SgScopeStatement* p_scope : 0x900178c
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x9053700

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

```
SgNode* p_parent : 0x8ef2290
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3aa18
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 : 0xb7d0f008
SgExprListExp* p_args : 0x9046b10
SgClassDeclaration* p_class_decl : 0xb7d64008
bool p_need_name : 0
bool p_need_qualifier : 0
bool p_need_parenthesis_after_name : 1
bool p_associated_class_unknown : 0
```

pointer:0x9046b10

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

```
SgNode* p_parent : 0x9053700
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3aa50
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 : [0x8fcf828]
```

pointer:0x8fd08c8

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

```
SgNode* p_parent : 0x9046b10
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3ab30
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 : 0x8f89b50: varsym ptr declared at 0x0x8ef223c
```

pointer:0x901a074

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

```
SgNode* p_parent : 0x900178c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3ae40
Sg_File_Info* p_endOfConstruct : 0x8e3ad60
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x9022d58
```


pointer:0x9022d58

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

```
SgNode* p_parent : 0x901a074
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3add0
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 : 0x900c5c0
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x900c5c0

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

```
SgNode* p_parent : 0x9022d58
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3add0
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 : 0x8fd08f8
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8fd08f8

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

```
SgNode* p_parent : 0x900c5c0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3add0
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 : 0x8f89b50: varsym ptr declared at 0x0x8ef223c
```

pointer:0x90633c8

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

```
SgNode* p_parent : 0x900178c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3af20
Sg_File_Info* p_endOfConstruct : 0x8e3aeb0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x9022d90
```

pointer:0x9022d90

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

```
SgNode* p_parent : 0x90633c8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3af90
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 : 0x8f6f3ec
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8f6f3ec

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

```
SgNode* p_parent : 0x9022d90
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3af90
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:0x9030b10

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

```
SgNode* p_parent : 0x900178c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x906ebe8
Sg_File_Info* p_startOfConstruct : 0x8e3afc8
Sg_File_Info* p_endOfConstruct : 0x8e3b000
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
```