

pointer:0x914bc70

root node

```
SgNode* p_parent : 0x90ed3b0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_file_info : 0x91633b0
SgGlobal* p_root : 0x9171e38
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/passIntPtr.c
std::string p_sourceFileNameWithoutPath : passIntPtr.c
std::string p_unparse_output_filename :
bool p_useBackendOnly : 0
bool p_compileOnly : 0
std::string p_savedEdgCommandLine : ./CtoOA TestCases/AliasTests/passIntPtr.c
bool p_no_implicit_templates : 0
bool p_no_implicit_inline_templates : 0
bool p_skip_commentsAndDirectives : 0
bool p_collectAllCommentsAndDirectives : 0
ROSEAttributesListContainerPtr p_preprocessorDirectivesAndCommentsList : 0x951dda8
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 : 0x914bc70
bool p_isModified : 0
$CLASSNAME* p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x91633e8
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x917ca20
SgDeclarationStatementPtrList p_declarations : [0x918e840, 0x918e8a0, 0x918e900, 0x918e960, 0x918e9c0, 0x918ea20, 0x918eac8, 0x918eb00, 0x918eb78, 0x918ebf0, 0x918ec48, 0x918ecb0, 0x918ed08, 0x918ed80, 0x918edf8, 0x918ee50, 0x918eeb0, 0x918ef08, 0x918ef80, 0x918efc0, 0x918ff00, 0x918ff80, 0x918ffc0, 0x9190000, 0x9190080, 0x9190100, 0x9190180, 0x9190200, 0x9190280, 0x9190300, 0x9190380, 0x9190400, 0x9190480, 0x9190500, 0x9190580, 0x9190600, 0x9190680, 0x9190700, 0x9190780, 0x9190800, 0x9190880, 0x9190900, 0x9190980, 0x9190a00, 0x9190a80, 0x9190b00, 0x9190b80, 0x9190c00, 0x9190c80, 0x9190d00, 0x9190d80, 0x9190e00, 0x9190e80, 0x9190f00, 0x9190f80, 0x9191000, 0x9191080, 0x9191100, 0x9191180, 0x9191200, 0x9191280, 0x9191300, 0x9191380, 0x9191400, 0x9191480, 0x9191500, 0x9191580, 0x9191600, 0x9191680, 0x9191700, 0x9191780, 0x9191800, 0x9191880, 0x9191900, 0x9191980, 0x9191a00, 0x9191a80, 0x9191b00, 0x9191b80, 0x9191c00, 0x9191c80, 0x9191d00, 0x9191d80, 0x9191e00, 0x9191e80, 0x9191f00, 0x9191f80, 0x9192000, 0x9192080, 0x9192100, 0x9192180, 0x9192200, 0x9192280, 0x9192300, 0x9192380, 0x9192400, 0x9192480, 0x9192500, 0x9192580, 0x9192600, 0x9192680, 0x9192700, 0x9192780, 0x9192800, 0x9192880, 0x9192900, 0x9192980, 0x9192a00, 0x9192a80, 0x9192b00, 0x9192b80, 0x9192c00, 0x9192c80, 0x9192d00, 0x9192d80, 0x9192e00, 0x9192e80, 0x9192f00, 0x9192f80, 0x9193000, 0x9193080, 0x9193100, 0x9193180, 0x9193200, 0x9193280, 0x9193300, 0x9193380, 0x9193400, 0x9193480, 0x9193500, 0x9193580, 0x9193600, 0x9193680, 0x9193700, 0x9193780, 0x9193800, 0x9193880, 0x9193900, 0x9193980, 0x9193a00, 0x9193a80, 0x9193b00, 0x9193b80, 0x9193c00, 0x9193c80, 0x9193d00, 0x9193d80, 0x9193e00, 0x9193e80, 0x9193f00, 0x9193f80, 0x9194000, 0x9194080, 0x9194100, 0x9194180, 0x9194200, 0x9194280, 0x9194300, 0x9194380, 0x9194400, 0x9194480, 0x9194500, 0x9194580, 0x9194600, 0x9194680, 0x9194700, 0x9194780, 0x9194800, 0x9194880, 0x9194900, 0x9194980, 0x9194a00, 0x9194a80, 0x9194b00, 0x9194b80, 0x9194c00, 0x9194c80, 0x9194d00, 0x9194d80, 0x9194e00, 0x9194e80, 0x9194f00, 0x9194f80, 0x9195000, 0x9195080, 0x9195100, 0x9195180, 0x9195200, 0x9195280, 0x9195300, 0x9195380, 0x9195400, 0x9195480, 0x9195500, 0x9195580, 0x9195600, 0x9195680, 0x9195700, 0x9195780, 0x9195800, 0x9195880, 0x9195900, 0x9195980, 0x9195a00, 0x9195a80, 0x9195b00, 0x9195b80, 0x9195c00, 0x9195c80, 0x9195d00, 0x9195d80, 0x9195e00, 0x9195e80, 0x9195f00, 0x9195f80, 0x9196000, 0x9196080, 0x9196100, 0x9196180, 0x9196200, 0x9196280, 0x9196300, 0x9196380, 0x9196400, 0x9196480, 0x9196500, 0x9196580, 0x9196600, 0x9196680, 0x9196700, 0x9196780, 0x9196800, 0x9196880, 0x9196900, 0x9196980, 0x9196a00, 0x9196a80, 0x9196b00, 0x9196b80, 0x9196c00, 0x9196c80, 0x9196d00, 0x9196d80, 0x9196e00, 0x9196e80, 0x9196f00, 0x9196f80, 0x9197000, 0x9197080, 0x9197100, 0x9197180, 0x9197200, 0x9197280, 0x9197300, 0x9197380, 0x9197400, 0x9197480, 0x9197500, 0x9197580, 0x9197600, 0x9197680, 0x9197700, 0x9197780, 0x9197800, 0x9197880, 0x9197900, 0x9197980, 0x9197a00, 0x9197a80, 0x9197b00, 0x9197b80, 0x9197c00, 0x9197c80, 0x9197d00, 0x9197d80, 0x9197e00, 0x9197e80, 0x9197f00, 0x9197f80, 0x9198000, 0x9198080, 0x9198100, 0x9198180, 0x9198200, 0x9198280, 0x9198300, 0x9198380, 0x9198400, 0x9198480, 0x9198500, 0x9198580, 0x9198600, 0x9198680, 0x9198700, 0x9198780, 0x9198800, 0x9198880, 0x9198900, 0x9198980, 0x9198a00, 0x9198a80, 0x9198b00, 0x9198b80, 0x9198c00, 0x9198c80, 0x9198d00, 0x9198d80, 0x9198e00, 0x9198e80, 0x9198f00, 0x9198f80, 0x9199000, 0x9199080, 0x9199100, 0x9199180, 0x9199200, 0x9199280, 0x9199300, 0x9199380, 0x9199400, 0x9199480, 0x9199500, 0x9199580, 0x9199600, 0x9199680, 0x9199700, 0x9199780, 0x9199800, 0x9199880, 0x9199900, 0x9199980, 0x9199a00, 0x9199a80, 0x9199b00, 0x9199b80, 0x9199c00, 0x9199c80, 0x9199d00, 0x9199d80, 0x9199e00, 0x9199e80, 0x9199f00, 0x9199f80, 0x919a000, 0x919a080, 0x919a100, 0x919a180, 0x919a200, 0x919a280, 0x919a300, 0x919a380, 0x919a400, 0x919a480, 0x919a500, 0x919a580, 0x919a600, 0x919a680, 0x919a700, 0x919a780, 0x919a800,
```

pointer:0xb7e9ef38

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

```
SgNode* p_parent : 0x9171e38
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9491b00
Sg_File_Info* p_endOfConstruct : 0x9491b38
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x953f4d0
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 : 0xb7e9ef38
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgName p_name : "blah"
SgFunctionParameterList* p_parameterList : 0xb7e60420
SgFunctionModifier p_functionModifier : FTFFFF
SgSpecialFunctionModifier p_specialFunctionModifier : FTFFFF
SgFunctionType* p_type : 0x925dc08
SgFunctionDefinition* p_definition : 0x93cd608
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x9171e38
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0xb7e60420

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

```
SgNode* p_parent : 0xb7e9ef38
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9491b70
Sg_File_Info* p_endOfConstruct : 0x9491ba8
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 : 0xb7e60420
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7e60420
SgInitializedNamePtrList p_args : [0x94b39d0, 0x94b39e8]
```

pointer:0x9277628

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

```
SgNode* p_parent : 0xb7e60420
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_file_info : 0x9491c18
SgName p_name : "s"
SgType* p_typeptr : 0x929eef8
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0
SgStorageModifier* p_storageModifier : 0x9285550
SgScopeStatement* p_scope : 0x93cd608
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x927767c

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

```
SgNode* p_parent : 0xb7e60420
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_file_info : 0x9491c50
SgName p_name : "t"
SgType* p_typeptr : 0x929eef8
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0
SgStorageModifier* p_storageModifier : 0x9285564
SgScopeStatement* p_scope : 0x93cd608
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x93cd608

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

```
SgNode* p_parent : 0xb7e9ef38
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9491b00
Sg_File_Info* p_endOfConstruct : 0x9491be0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x917d108
SgBasicBlock* p_body : 0x93d74d4
```

pointer:0x93d74d4

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

```
SgNode* p_parent : 0x93cd608
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9491cf8
Sg_File_Info* p_endOfConstruct : 0x9491d30
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x917d13c
SgStatementPtrList p_statements : [0x94b3a18, 0x94b3a60, 0x94b3a30]
```


pointer:0x94b5468

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

```
SgNode* p_parent : 0x93d74d4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9491e80
Sg_File_Info* p_endOfConstruct : 0x9491da0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x953fb48
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x917d1a4
SgStatement* p_conditional : 0x94dc868
SgBasicBlock* p_true_body : 0x93d752c
SgBasicBlock* p_false_body : 0x93d7558
```

pointer:0x94dc868

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

```
SgNode* p_parent : 0x94b5468
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492120
Sg_File_Info* p_endOfConstruct : 0x9491ef0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x9456a90
```

pointer:0x9456a90

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

```
SgNode* p_parent : 0x94dc868
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9491f28
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 : 0x94ced78
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x94ced78

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

```
SgNode* p_parent : 0x9456a90
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9491f28
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 0
bool p_lvalue : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
SgExpression* p_lhs_operand_i : 0x94c1210
SgExpression* p_rhs_operand_i : 0x94c1248
SgType* p_expression_type : 0
```

pointer:0x94c1210

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

```
SgNode* p_parent : 0x94ced78
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9491fd0
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 1
bool p_lvalue : 1
SgQualifiedNamePtrList p_qualifiedNameList : []
SgExpression* p_operand_i : 0x93f9bb0
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x93f9bb0

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

```
SgNode* p_parent : 0x94c1210
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9491fd0
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 : 0x9309588: varsym s declared at 0x0x9277628
```

pointer:0x94c1248

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

```
SgNode* p_parent : 0x94ced78
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x94920b0
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_need_paren : 1
bool p_lvalue : 1
SgQualifiedNamePtrList p_qualifiedNameList : []
SgExpression* p_operand_i : 0x93f9be0
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x93f9be0

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

```
SgNode* p_parent : 0x94c1248
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x94920b0
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 : 0x93095a0: varsym t declared at 0x0x927767c
```


pointer:0x93d752c

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

```
SgNode* p_parent : 0x94b5468
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x94921c8
Sg_File_Info* p_endOfConstruct : 0x9492200
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x9540468
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x917d1d8
SgStatementPtrList p_statements : [0x94b3a48]
```

pointer:0x9464510

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

```
SgNode* p_parent : 0x93d752c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492238
Sg_File_Info* p_endOfConstruct : 0x9492270
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x93d7558

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

```
SgNode* p_parent : 0x94b5468
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492318
Sg_File_Info* p_endOfConstruct : 0x9492350
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x917d20c
SgStatementPtrList p_statements : []
```

pointer:0x93e224c

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

```
SgNode* p_parent : 0x93d74d4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492430
Sg_File_Info* p_endOfConstruct : 0x94923c0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x9456ac8
```

pointer:0x9456ac8

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

```
SgNode* p_parent : 0x93e224c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x94924a0
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 : 0x92ee964
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x92ee964

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

```
SgNode* p_parent : 0x9456ac8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x94924a0
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:0x9464530

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

```
SgNode* p_parent : 0x93d74d4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x94924d8
Sg_File_Info* p_endOfConstruct : 0x9492510
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7e9f090

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

```
SgNode* p_parent : 0x9171e38
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492580
Sg_File_Info* p_endOfConstruct : 0x94925b8
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 : 0xb7e9f090
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgName p_name : "main"
SgFunctionParameterList* p_parameterList : 0xb7e6050c
SgFunctionModifier p_functionModifier : FTFFFF
SgSpecialFunctionModifier p_specialFunctionModifier : FTFFFF
SgFunctionType* p_type : 0x925dc40
SgFunctionDefinition* p_definition : 0x93cd630
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x9171e38
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```


pointer:0xb7e6050c

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

```
SgNode* p_parent : 0xb7e9f090
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x94925f0
Sg_File_Info* p_endOfConstruct : 0x9492628
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 : 0xb7e6050c
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7e6050c
SgInitializedNamePtrList p_args : []
```

pointer:0x93cd630

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

```
SgNode* p_parent : 0xb7e9f090
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492580
Sg_File_Info* p_endOfConstruct : 0x9492660
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x917d240
SgBasicBlock* p_body : 0x93d7584
```

pointer:0x93d7584

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

```
SgNode* p_parent : 0x93cd630
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492708
Sg_File_Info* p_endOfConstruct : 0x9492740
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x917d274
SgStatementPtrList p_statements : [0x94b3aa8, 0x94b3b08, 0x94b3b20, 0x94b3b38]
```

pointer:0xb7db9018

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

```
SgNode* p_parent : 0x93d7584
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492820
Sg_File_Info* p_endOfConstruct : 0x9492858
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x9540f68
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 : 0xb7db9018
SgInitializedNamePtrList p_variables : [0x94b3a90]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x92776d0

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

```
SgNode* p_parent : 0xb7db9018
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_file_info : 0x9492890
SgName p_name : "a"
SgType* p_typeptr : 0x9294310
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7d7ed78
SgStorageModifier* p_storageModifier : 0x9285578
SgScopeStatement* p_scope : 0x93d7584
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7db910c

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

```
SgNode* p_parent : 0x93d7584
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492c80
Sg_File_Info* p_endOfConstruct : 0x9492cb8
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 : 0xb7db910c
SgInitializedNamePtrList p_variables : [0x94b3af0]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x9277724

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

```
SgNode* p_parent : 0xb7db910c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_file_info : 0x9492cf0
SgName p_name : "x"
SgType* p_typeptr : 0x9294310
SgInitializer* p_initptr : 0x92fb1b8
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7d7ee64
SgStorageModifier* p_storageModifier : 0x928558c
SgScopeStatement* p_scope : 0x93d7584
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x92fb1b8

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

```
SgNode* p_parent : 0x9277724
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492c48
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 : 0x94f29d0
SgType* p_expression_type : 0
```


pointer:0x94f29d0

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

```
SgNode* p_parent : 0x92fb1b8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492970
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_function : 0x94e5ea8
SgExprListExp* p_args : 0x95004c0
SgType* p_expression_type : 0
```

pointer:0x94e5ea8

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

```
SgNode* p_parent : 0x94f29d0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492970
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 : []
SgFunctionSymbol* p_symbol_i : 0x9269ee0
SgFunctionType* p_function_type : 0
```

pointer:0x95004c0

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

```
SgNode* p_parent : 0x94f29d0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x94929e0
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 : [0x94b3ac0, 0x94b3ad8]
```

pointer:0x950d0b0

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

```
SgNode* p_parent : 0x95004c0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492a88
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 : 0x93f9c10
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x93f9c10

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

```
SgNode* p_parent : 0x950d0b0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492ac0
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 : 0x93095b8: varsym a declared at 0x0x92776d0
```

pointer:0x950d0e8

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

```
SgNode* p_parent : 0x95004c0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492ba0
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 : 0x93f9c40
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x93f9c40

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

```
SgNode* p_parent : 0x950d0e8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492bd8
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 : 0x93095b8: varsym a declared at 0x0x92776d0
```

pointer:0x93e2270

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

```
SgNode* p_parent : 0x93d7584
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492e40
Sg_File_Info* p_endOfConstruct : 0x9492dd0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x9456b00
```


pointer:0x9456b00

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

```
SgNode* p_parent : 0x93e2270
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492eb0
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 : 0x92ee998
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x92ee998

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

```
SgNode* p_parent : 0x9456b00
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492eb0
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:0x9464550

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

```
SgNode* p_parent : 0x93d7584
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x951faf0
Sg_File_Info* p_startOfConstruct : 0x9492ee8
Sg_File_Info* p_endOfConstruct : 0x9492f20
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
```