

pointer:0x8c46c70

root node

```
SgNode* p_parent : 0x8be83b0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_file_info : 0x8c5e3b0
SgGlobal* p_root : 0x8c6ce38
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/fields.c
std::string p_sourceFileNameWithoutPath : fields.c
std::string p_unparse_output_filename :
bool p_useBackendOnly : 0
bool p_compileOnly : 0
std::string p_savedEdgCommandLine : ./CtoOA TestCases/AliasTests/fields.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 : 0x8e69758
AstAttributeMechanism* p_attributeMechanism : 0
bool p_KCC_frontend : 0
bool p_new_frontend : 0
bool p_travTraceToDOT : 0
bool p_disable_edg_backend : 0
bool p_disable_sage_backend : 0
int p_testingLevel : -1
bool p_preinit_il : 0
bool p_enable_cp_backend : 0
bool p_outputGrammarTreeFiles : 0
bool p_outputGrammarTreeFilesForHeaderFiles : 0
bool p_outputGrammarTreeFilesForEDG : 0
```

pointer:0x8c6ce38

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

```
SgNode* p_parent : 0x8c46c70
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c5e3e8
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8c77a20
SgDeclarationStatementPtrList p_declarations : [0x8c896c0, 0x8c89720, 0x8c89780, 0x8c897e0, 0x8c89840, 0x8c898a0, 0x8c89948, 0x8
```

pointer:0xb7e99490

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

```
SgNode* p_parent : 0x8c6ce38
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c62358
Sg_File_Info* p_endOfConstruct : 0x8c62390
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x8e6dc58
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 : 0xb7e99490
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgName p_name : "main"
SgFunctionParameterList* p_parameterList : 0xb7e5df0c
SgFunctionModifier p_functionModifier : FTFFFF
SgSpecialFunctionModifier p_specialFunctionModifier : FTFFFF
SgFunctionType* p_type : 0x8d06ae8
SgFunctionDefinition* p_definition : 0x8db8978
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x8c6ce38
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0xb7e5df0c

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

```
SgNode* p_parent : 0xb7e99490
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c623c8
Sg_File_Info* p_endOfConstruct : 0x8c62400
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 : 0xb7e5df0c
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7e5df0c
SgInitializedNamePtrList p_args : []
```

pointer:0x8db8978

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

```
SgNode* p_parent : 0xb7e99490
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c62358
Sg_File_Info* p_endOfConstruct : 0x8c62438
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8c77a54
SgBasicBlock* p_body : 0x8dc2768
```

pointer:0x8dc2768

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

```
SgNode* p_parent : 0x8db8978
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c624e0
Sg_File_Info* p_endOfConstruct : 0x8c62518
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x8c77a88
SgStatementPtrList p_statements : [0x8d56270, 0x8dedbe0, 0x8dedc10, 0x8dedc40, 0x8dedc58, 0x8dedc70, 0x8dedc88, 0x8dedca0, 0x8
```

pointer:0xb7db90fc

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

```
SgNode* p_parent : 0x8dc2768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c625f8
Sg_File_Info* p_endOfConstruct : 0x8c62630
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 : 0xb7db90fc
SgInitializedNamePtrList p_variables : [0x8d56258]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8d1af9c

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

```
SgNode* p_parent : 0xb7db90fc
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_file_info : 0x8c62668
SgName p_name : "n"
SgType* p_typeptr : 0x8d3ef90
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7d7f0f4
SgStorageModifier* p_storageModifier : 0x8d2e604
SgScopeStatement* p_scope : 0x8dc2768
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```


pointer:0xb7db94cc

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

```
SgNode* p_parent : 0x8dc2768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c62a20
Sg_File_Info* p_endOfConstruct : 0x8c62a58
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 : 0xb7db94cc
SgInitializedNamePtrList p_variables : [0x8d56288]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 1
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8d1b0ec

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

```
SgNode* p_parent : 0xb7db94cc
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_file_info : 0x8c62a90
SgName p_name : "x"
SgType* p_typeptr : 0x8d49ff0
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7d7f4a4
SgStorageModifier* p_storageModifier : 0x8d2e654
SgScopeStatement* p_scope : 0x8dc2768
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7db95c0

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

```
SgNode* p_parent : 0x8dc2768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c62b70
Sg_File_Info* p_endOfConstruct : 0x8c62ba8
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 : 0xb7db95c0
SgInitializedNamePtrList p_variables : [0x8dedbf8]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8d1b140

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

```
SgNode* p_parent : 0xb7db95c0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_file_info : 0x8c62be0
SgName p_name : "y"
SgType* p_typeptr : 0x8dcd620
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7d7f590
SgStorageModifier* p_storageModifier : 0x8d2e668
SgScopeStatement* p_scope : 0x8dc2768
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7db96b4

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

```
SgNode* p_parent : 0x8dc2768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c62cc0
Sg_File_Info* p_endOfConstruct : 0x8c62cf8
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 : 0xb7db96b4
SgInitializedNamePtrList p_variables : [0x8dedc28]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8d1b194

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

```
SgNode* p_parent : 0xb7db96b4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_file_info : 0x8c62d30
SgName p_name : "z"
SgType* p_typeptr : 0x8d4a01c
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7d7f67c
SgStorageModifier* p_storageModifier : 0x8d2e67c
SgScopeStatement* p_scope : 0x8dc2768
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x8e163d0

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

```
SgNode* p_parent : 0x8dc2768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c62f28
Sg_File_Info* p_endOfConstruct : 0x8c62da0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x8e1f078
```

pointer:0x8e1f078

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

```
SgNode* p_parent : 0x8e163d0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c62dd8
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 : 0x8e088e0
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```


pointer:0x8e088e0

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

```
SgNode* p_parent : 0x8e1f078
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c62dd8
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_lhs_operand_i : 0x8def218
SgExpression* p_rhs_operand_i : 0x8dfae18
SgType* p_expression_type : 0
```

pointer:0x8def218

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

```
SgNode* p_parent : 0x8e088e0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c62e10
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 : 0x8db2a88: varsym x declared at 0x0x8d1b0ec
```

pointer:0x8dfae18

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

```
SgNode* p_parent : 0x8e088e0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c62e80
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 : 0x8def248
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8def248

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

```
SgNode* p_parent : 0x8dfae18
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c62eb8
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 : 0x8db2aa0: varsym y declared at 0x0x8d1b140
```

pointer:0x8e163f4

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

```
SgNode* p_parent : 0x8dc2768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63120
Sg_File_Info* p_endOfConstruct : 0x8c62f98
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x8e1f0b0
```

pointer:0x8e1f0b0

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

```
SgNode* p_parent : 0x8e163f4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c62fd0
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 : 0x8e08918
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8e08918

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

```
SgNode* p_parent : 0x8e1f0b0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c62fd0
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_lhs_operand_i : 0x8def278
SgExpression* p_rhs_operand_i : 0x8dfae50
SgType* p_expression_type : 0
```

pointer:0x8def278

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

```
SgNode* p_parent : 0x8e08918
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63008
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 : 0x8db2ab8: varsym z declared at 0x0x8d1b194
```


pointer:0x8dfae50

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

```
SgNode* p_parent : 0x8e08918
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63078
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 : 0x8def2a8
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8def2a8

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

```
SgNode* p_parent : 0x8dfae50
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c630b0
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 : 0x8db2a88: varsym x declared at 0x0x8d1b0ec
```

pointer:0x8e16418

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

```
SgNode* p_parent : 0x8dc2768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c633f8
Sg_File_Info* p_endOfConstruct : 0x8c63190
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x8e1f0e8
```

pointer:0x8e1f0e8

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

```
SgNode* p_parent : 0x8e16418
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c631c8
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 : 0x8e08950
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8e08950

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

```
SgNode* p_parent : 0x8e1f0e8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c631c8
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_lhs_operand_i : 0x8e3a8f8
SgExpression* p_rhs_operand_i : 0x8dfae88
SgType* p_expression_type : 0
```

pointer:0x8e3a8f8

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

```
SgNode* p_parent : 0x8e08950
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63200
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_lhs_operand_i : 0x8e2ce20
SgExpression* p_rhs_operand_i : 0x8def308
SgType* p_expression_type : 0
```

pointer:0x8e2ce20

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

```
SgNode* p_parent : 0x8e3a8f8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c632a8
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 : 0x8e2cde8
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8e2cde8

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

```
SgNode* p_parent : 0x8e2ce20
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c632a8
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 : 0x8def2d8
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```


pointer:0x8def2d8

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

```
SgNode* p_parent : 0x8e2cde8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c632a8
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 : 0x8db2ab8: varsym z declared at 0x0x8d1b194
```

pointer:0x8def308

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

```
SgNode* p_parent : 0x8e3a8f8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63318
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 : 0x8db2a70: varsym p declared at 0x0x8d1b098
```

pointer:0x8dfae88

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

```
SgNode* p_parent : 0x8e08950
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63350
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 : 0x8def338
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8def338

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

```
SgNode* p_parent : 0x8dfae88
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63388
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 : 0x8db2a28: varsym n declared at 0x0x8d1af9c
```

pointer:0x8e1643c

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

```
SgNode* p_parent : 0x8dc2768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63708
Sg_File_Info* p_endOfConstruct : 0x8c63468
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x8e1f120
```

pointer:0x8e1f120

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

```
SgNode* p_parent : 0x8e1643c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c634a0
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 : 0x8e08988
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8e08988

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

```
SgNode* p_parent : 0x8e1f120
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c634a0
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_lhs_operand_i : 0x8e485c0
SgExpression* p_rhs_operand_i : 0x8e3a930
SgType* p_expression_type : 0
```

pointer:0x8e485c0

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

```
SgNode* p_parent : 0x8e08988
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c634d8
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_lhs_operand_i : 0x8def368
SgExpression* p_rhs_operand_i : 0x8def398
SgType* p_expression_type : 0
```


pointer:0x8def368

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

```
SgNode* p_parent : 0x8e485c0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63548
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 : 0x8db2a88: varsym x declared at 0x0x8d1b0ec
```

pointer:0x8def398

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

```
SgNode* p_parent : 0x8e485c0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c635b8
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 : 0x8db2a70: varsym p declared at 0x0x8d1b098
```

pointer:0x8e3a930

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

```
SgNode* p_parent : 0x8e08988
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63628
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 : 0x8def3c8
SgExpression* p_rhs_operand_i : 0x8def3f8
SgType* p_expression_type : 0
```

pointer:0x8def3c8

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

```
SgNode* p_parent : 0x8e3a930
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63660
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 : 0x8db2aa0: varsym y declared at 0x0x8d1b140
```

pointer:0x8def3f8

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

```
SgNode* p_parent : 0x8e3a930
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c636d0
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 : 0x8db2a70: varsym p declared at 0x0x8d1b098
```

pointer:0x8e16460

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

```
SgNode* p_parent : 0x8dc2768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c639a8
Sg_File_Info* p_endOfConstruct : 0x8c63778
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x8e1f158
```

pointer:0x8e1f158

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

```
SgNode* p_parent : 0x8e16460
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c637b0
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 : 0x8e089c0
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8e089c0

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

```
SgNode* p_parent : 0x8e1f158
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c637b0
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_lhs_operand_i : 0x8e485f8
SgExpression* p_rhs_operand_i : 0x8dfaec0
SgType* p_expression_type : 0
```


pointer:0x8e485f8

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

```
SgNode* p_parent : 0x8e089c0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c637e8
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_lhs_operand_i : 0x8def428
SgExpression* p_rhs_operand_i : 0x8def458
SgType* p_expression_type : 0
```

pointer:0x8def428

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

```
SgNode* p_parent : 0x8e485f8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63858
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 : 0x8db2a88: varsym x declared at 0x0x8d1b0ec
```

pointer:0x8def458

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

```
SgNode* p_parent : 0x8e485f8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c638c8
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 : 0x8db2a70: varsym p declared at 0x0x8d1b098
```

pointer:0x8dfaec0

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

```
SgNode* p_parent : 0x8e089c0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63900
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 : 0x8def488
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8def488

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

```
SgNode* p_parent : 0x8dfaec0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63938
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 : 0x8db2a28: varsym n declared at 0x0x8d1af9c
```

pointer:0x8e56398

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

```
SgNode* p_parent : 0x8dc2768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8e608f0
Sg_File_Info* p_startOfConstruct : 0x8c63a50
Sg_File_Info* p_endOfConstruct : 0x8c63a88
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
```