

pointer:0x875dc70

root node

```
SgNode* p_parent : 0x86ff3b0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_file_info : 0x87753b0
SgGlobal* p_root : 0x8783e38
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/alias2.c
std::string p_sourceFileNameWithoutPath : alias2.c
std::string p_unparse_output_filename :
bool p_useBackendOnly : 0
bool p_compileOnly : 0
std::string p_savedEdgCommandLine : ./CtoOA TestCases/AliasTests/alias2.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 : 0x894d168
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 : 0x875dc70
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x87753e8
Sg_File_Info* p_endOfConstruct : 0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x878ea20
SgDeclarationStatementPtrList p_declarations : [0x87a06c0, 0x87a0720, 0x87a0780, 0x87a07e0, 0x87a0840, 0x87a08a0, 0x87a0948, 0x87a09c0, 0x87a0a18, 0x87a0a80, 0x87a0b58, 0x87a0bb0, 0x87a0c00, 0x87a0c68, 0x87a0cc0, 0x87a0d18, 0x87a0d80, 0x87a0de0, 0x87a0e40, 0x87a0ea0, 0x87a0f00, 0x87a0f68, 0x87a0fc0, 0x87a1018, 0x87a1080, 0x87a10e0, 0x87a1138, 0x87a11a0, 0x87a1200, 0x87a1268, 0x87a12c0, 0x87a1318, 0x87a1380, 0x87a13e0, 0x87a1438, 0x87a14a0, 0x87a1500, 0x87a1568, 0x87a15c0, 0x87a1618, 0x87a1680, 0x87a16e0, 0x87a1738, 0x87a17a0, 0x87a1800, 0x87a1868, 0x87a18c0, 0x87a1918, 0x87a1980, 0x87a19e0, 0x87a1a38, 0x87a1aa0, 0x87a1b00, 0x87a1b68, 0x87a1bc0, 0x87a1c18, 0x87a1c80, 0x87a1ce0, 0x87a1d38, 0x87a1da0, 0x87a1e00, 0x87a1e68, 0x87a1ec0, 0x87a1f18, 0x87a1f80, 0x87a1fe0, 0x87a2038, 0x87a20a0, 0x87a2100, 0x87a2168, 0x87a21c0, 0x87a2218, 0x87a2280, 0x87a22e0, 0x87a2338, 0x87a23a0, 0x87a2400, 0x87a2468, 0x87a24c0, 0x87a2518, 0x87a2580, 0x87a25e0, 0x87a2638, 0x87a26a0, 0x87a2700, 0x87a2768, 0x87a27c0, 0x87a2818, 0x87a2880, 0x87a28e0, 0x87a2938, 0x87a29a0, 0x87a2a00, 0x87a2a68, 0x87a2ac0, 0x87a2b18, 0x87a2b80, 0x87a2be0, 0x87a2c38, 0x87a2ca0, 0x87a2d00, 0x87a2d68, 0x87a2dc0, 0x87a2e18, 0x87a2e80, 0x87a2ee0, 0x87a2f38, 0x87a2fa0, 0x87a2f00, 0x87a2f68, 0x87a2fc0, 0x87a3018, 0x87a3080, 0x87a30e0, 0x87a3138, 0x87a31a0, 0x87a3200, 0x87a3268, 0x87a32c0, 0x87a3318, 0x87a3380, 0x87a33e0, 0x87a3438, 0x87a34a0, 0x87a3500, 0x87a3568, 0x87a35c0, 0x87a3618, 0x87a3680, 0x87a36e0, 0x87a3738, 0x87a37a0, 0x87a3800, 0x87a3868, 0x87a38c0, 0x87a3918, 0x87a3980, 0x87a39e0, 0x87a3a38, 0x87a3aa0, 0x87a3b00, 0x87a3b68, 0x87a3bc0, 0x87a3c18, 0x87a3c80, 0x87a3ce0, 0x87a3d38, 0x87a3da0, 0x87a3e00, 0x87a3e68, 0x87a3ec0, 0x87a3f18, 0x87a3fa0, 0x87a3f00, 0x87a3f68, 0x87a3fc0, 0x87a4018, 0x87a4080, 0x87a40e0, 0x87a4138, 0x87a41a0, 0x87a4200, 0x87a4268, 0x87a42c0, 0x87a4318, 0x87a4380, 0x87a43e0, 0x87a4438, 0x87a44a0, 0x87a4500, 0x87a4568, 0x87a45c0, 0x87a4618, 0x87a4680, 0x87a46e0, 0x87a4738, 0x87a47a0, 0x87a4800, 0x87a4868, 0x87a48c0, 0x87a4918, 0x87a4980, 0x87a49e0, 0x87a4a38, 0x87a4aa0, 0x87a4b00, 0x87a4b68, 0x87a4bc0, 0x87a4c18, 0x87a4c80, 0x87a4ce0, 0x87a4d38, 0x87a4da0, 0x87a4e00, 0x87a4e68, 0x87a4ec0, 0x87a4f18, 0x87a4fa0, 0x87a4f00, 0x87a4f68, 0x87a4fc0, 0x87a5018, 0x87a5080, 0x87a50e0, 0x87a5138, 0x87a51a0, 0x87a5200, 0x87a5268, 0x87a52c0, 0x87a5318, 0x87a5380, 0x87a53e0, 0x87a5438, 0x87a54a0, 0x87a5500, 0x87a5568, 0x87a55c0, 0x87a5618, 0x87a5680, 0x87a56e0, 0x87a5738, 0x87a57a0, 0x87a5800, 0x87a5868, 0x87a58c0, 0x87a5918, 0x87a5980, 0x87a59e0, 0x87a5a38, 0x87a5aa0, 0x87a5b00, 0x87a5b68, 0x87a5bc0, 0x87a5c18, 0x87a5c80, 0x87a5ce0, 0x87a5d38, 0x87a5da0, 0x87a5e00, 0x87a5e68, 0x87a5ec0, 0x87a5f18, 0x87a5fa0, 0x87a5f00, 0x87a5f68, 0x87a5fc0, 0x87a6018, 0x87a6080, 0x87a60e0, 0x87a6138, 0x87a61a0, 0x87a6200, 0x87a6268, 0x87a62c0, 0x87a6318, 0x87a6380, 0x87a63e0, 0x87a6438, 0x87a64a0, 0x87a6500, 0x87a6568, 0x87a65c0, 0x87a6618, 0x87a6680, 0x87a66e0, 0x87a6738, 0x87a67a0, 0x87a6800, 0x87a6868, 0x87a68c0, 0x87a6918, 0x87a6980, 0x87a69e0, 0x87a6a38, 0x87a6aa0, 0x87a6b00, 0x87a6b68, 0x87a6bc0, 0x87a6c18, 0x87a6c80, 0x87a6ce0, 0x87a6d38, 0x87a6da0, 0x87a6e00, 0x87a6e68, 0x87a6ec0, 0x87a6f18, 0x87a6fa0, 0x87a6f00, 0x87a6f68, 0x87a6fc0, 0x87a7018, 0x87a7080, 0x87a70e0, 0x87a7138, 0x87a71a0, 0x87a7200, 0x87a7268, 0x87a72c0, 0x87a7318, 0x87a7380, 0x87a73e0, 0x87a7438, 0x87a74a0, 0x87a7500, 0x87a7568, 0x87a75c0, 0x87a7618, 0x87a7680, 0x87a76e0, 0x87a7738, 0x87a77a0, 0x87a7800, 0x87a7868, 0x87a78c0, 0x87a7918, 0x87a7980, 0x87a79e0, 0x87a7a38, 0x87a7aa0, 0x87a7b00, 0x87a7b68, 0x87a7bc0, 0x87a7c18, 0x87a7c80, 0x87a7ce0, 0x87a7d38, 0x87a7da0, 0x87a7e00, 0x87a7e68, 0x87a7ec0, 0x87a7f18, 0x87a7fa0, 0x87a7f00, 0x87a7f68, 0x87a7fc0, 0x87a8018, 0x87a8080, 0x87a80e0, 0x87a8138, 0x87a81a0, 0x87a8200, 0x87a8268, 0x87a82c0, 0x87a8318, 0x87a8380, 0x87a83e0, 0x87a8438, 0x87a84a0, 0x87a8500, 0x87a8568, 0x87a85c0, 0x87a8618, 0x87a8680, 0x87a86e0, 0x87a8738, 0x87a87a0, 0x87a8800, 0x87a8868, 0x87a88c0, 0x87a8918, 0x87a8980, 0x87a89e0,
```

pointer:0xb7f82490

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

```
SgNode* p_parent : 0x8783e38
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779358
Sg_File_Info* p_endOfConstruct : 0x8779390
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 : 0xb7f82490
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgName p_name : "main"
SgFunctionParameterList* p_parameterList : 0xb7f46f0c
SgFunctionModifier p_functionModifier : FTFFFF
SgSpecialFunctionModifier p_specialFunctionModifier : FTFFFF
SgFunctionType* p_type : 0x881dae8
SgFunctionDefinition* p_definition : 0x88cf978
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x8783e38
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0xb7f46f0c

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

```
SgNode* p_parent : 0xb7f82490
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x87793c8
Sg_File_Info* p_endOfConstruct : 0x8779400
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 : 0xb7f46f0c
SgDeclarationStatement* p_firstNondefiningDeclaration : 0xb7f46f0c
SgInitializedNamePtrList p_args : []
```

pointer:0x88cf978

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

```
SgNode* p_parent : 0xb7f82490
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779358
Sg_File_Info* p_endOfConstruct : 0x8779438
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x878ea54
SgBasicBlock* p_body : 0x88d9768
```

pointer:0x88d9768

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

```
SgNode* p_parent : 0x88cf978
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x87794e0
Sg_File_Info* p_endOfConstruct : 0x8779518
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgSymbolTable* p_symbol_table : 0x878ea88
SgStatementPtrList p_statements : [0x886d270, 0x88e4630, 0x88e4660, 0x88e4690, 0x88e46a8, 0x88e46c0, 0x88e46d8, 0x88e46f0, 0x8
```

pointer:0xb7ea20fc

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

```
SgNode* p_parent : 0x88d9768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x87795f8
Sg_File_Info* p_endOfConstruct : 0x8779630
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 : 0xb7ea20fc
SgInitializedNamePtrList p_variables : [0x886d258]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8831f9c

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

```
SgNode* p_parent : 0xb7ea20fc
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_file_info : 0x8779668
SgName p_name : "loc"
SgType* p_typeptr : 0x8855f90
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7e680f4
SgStorageModifier* p_storageModifier : 0x8845604
SgScopeStatement* p_scope : 0x88d9768
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```


pointer:0xb7ea21f0

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

```
SgNode* p_parent : 0x88d9768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x87796d8
Sg_File_Info* p_endOfConstruct : 0x8779710
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 : 0xb7ea21f0
SgInitializedNamePtrList p_variables : [0x886d288]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8831ff0

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

```
SgNode* p_parent : 0xb7ea21f0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_file_info : 0x8779748
SgName p_name : "locPtr"
SgType* p_typeptr : 0x8860b78
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7e681e0
SgStorageModifier* p_storageModifier : 0x8845618
SgScopeStatement* p_scope : 0x88d9768
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7ea22e4

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

```
SgNode* p_parent : 0x88d9768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x87797b8
Sg_File_Info* p_endOfConstruct : 0x87797f0
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 : 0xb7ea22e4
SgInitializedNamePtrList p_variables : [0x88e4648]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8832044

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

```
SgNode* p_parent : 0xb7ea22e4
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_file_info : 0x8779828
SgName p_name : "a"
SgType* p_typeptr : 0x8860b78
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7e682cc
SgStorageModifier* p_storageModifier : 0x884562c
SgScopeStatement* p_scope : 0x88d9768
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0xb7ea23d8

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

```
SgNode* p_parent : 0x88d9768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779898
Sg_File_Info* p_endOfConstruct : 0x87798d0
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 : 0xb7ea23d8
SgInitializedNamePtrList p_variables : [0x88e4678]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
```

pointer:0x8832098

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

```
SgNode* p_parent : 0xb7ea23d8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_file_info : 0x8779908
SgName p_name : "b"
SgType* p_typeptr : 0x8860b78
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0xb7e683b8
SgStorageModifier* p_storageModifier : 0x8845640
SgScopeStatement* p_scope : 0x88d9768
SgInitializedName::preinitialization_enum p_preinitialization : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
AstAttributeMechanism* p_attributeMechanism : 0
```

pointer:0x890ca00

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

```
SgNode* p_parent : 0x88d9768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779b00
Sg_File_Info* p_endOfConstruct : 0x8779978
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x89156a8
```

pointer:0x89156a8

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

```
SgNode* p_parent : 0x890ca00
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x87799b0
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 : 0x88fef10
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```


pointer:0x88fef10

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

```
SgNode* p_parent : 0x89156a8
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x87799b0
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 : 0x88e5848
SgExpression* p_rhs_operand_i : 0x88f1448
SgType* p_expression_type : 0
```

pointer:0x88e5848

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

```
SgNode* p_parent : 0x88fef10
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x87799e8
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 : 0x88c9a40: varsym locPtr declared at 0x0x8831ff0
```

pointer:0x88f1448

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

```
SgNode* p_parent : 0x88fef10
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779a58
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 : 0x88e5878
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x88e5878

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

```
SgNode* p_parent : 0x88f1448
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779a90
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 : 0x88c9a28: varsym loc declared at 0x0x8831f9c
```

pointer:0x890ca24

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

```
SgNode* p_parent : 0x88d9768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779cf8
Sg_File_Info* p_endOfConstruct : 0x8779b70
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x89156e0
```

pointer:0x89156e0

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

```
SgNode* p_parent : 0x890ca24
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779ba8
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 : 0x88fef48
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x88fef48

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

```
SgNode* p_parent : 0x89156e0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779ba8
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 : 0x88e58a8
SgExpression* p_rhs_operand_i : 0x88e58d8
SgType* p_expression_type : 0
```

pointer:0x88e58a8

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

```
SgNode* p_parent : 0x88fef48
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779be0
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 : 0x88c9a58: varsym a declared at 0x0x8832044
```


pointer:0x88e58d8

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

```
SgNode* p_parent : 0x88fef48
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779c88
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 : 0x88c9a40: varsym locPtr declared at 0x0x8831ff0
```

pointer:0x890ca48

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

```
SgNode* p_parent : 0x88d9768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779ef0
Sg_File_Info* p_endOfConstruct : 0x8779d68
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x8915718
```

pointer:0x8915718

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

```
SgNode* p_parent : 0x890ca48
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779da0
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 : 0x88fef80
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x88fef80

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

```
SgNode* p_parent : 0x8915718
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779da0
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 : 0x88e5908
SgExpression* p_rhs_operand_i : 0x88e5938
SgType* p_expression_type : 0
```

pointer:0x88e5908

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

```
SgNode* p_parent : 0x88fef80
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779dd8
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 : 0x88c9a70: varsym b declared at 0x0x8832098
```

pointer:0x88e5938

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

```
SgNode* p_parent : 0x88fef80
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779e80
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 : 0x88c9a40: varsym locPtr declared at 0x0x8831ff0
```

pointer:0x890ca6c

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

```
SgNode* p_parent : 0x88d9768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x877a040
Sg_File_Info* p_endOfConstruct : 0x8779f60
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x8915750
```

pointer:0x8915750

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

```
SgNode* p_parent : 0x890ca6c
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779fd0
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 : 0x8923508
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```


pointer:0x8923508

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

```
SgNode* p_parent : 0x8915750
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779fd0
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 : 0x88e5968
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x88e5968

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

```
SgNode* p_parent : 0x8923508
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x8779fd0
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 : 0x88c9a58: varsym a declared at 0x0x8832044
```

pointer:0x890ca90

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

```
SgNode* p_parent : 0x88d9768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x877a190
Sg_File_Info* p_endOfConstruct : 0x877a0b0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x8915788
```

pointer:0x8915788

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

```
SgNode* p_parent : 0x890ca90
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x877a120
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 : 0x8923540
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x8923540

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

```
SgNode* p_parent : 0x8915788
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x877a120
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 : 0x88e5998
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```

pointer:0x88e5998

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

```
SgNode* p_parent : 0x8923540
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x877a120
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 : 0x88c9a70: varsym b declared at 0x0x8832098
```

pointer:0x8931188

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

```
SgNode* p_parent : 0x88d9768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x877a270
Sg_File_Info* p_endOfConstruct : 0x877a200
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
SgExpressionRoot* p_expression_root : 0x89157c0
```

pointer:0x89157c0

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

```
SgNode* p_parent : 0x8931188
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x877a2e0
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 : 0x88af324
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0
```


pointer:0x88af324

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

```
SgNode* p_parent : 0x89157c0
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x877a2e0
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:0x8939e80

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

```
SgNode* p_parent : 0x88d9768
bool p_isModified : 0
$CLASSNAME * p_freepointer : 0xffffffff
static SgFunctionTypeTable* p_globalFunctionTypeTable : 0x8944300
Sg_File_Info* p_startOfConstruct : 0x877a318
Sg_File_Info* p_endOfConstruct : 0x877a350
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
```