

pointer:0x7f01a1701010
SgSourceFile

root node

SgNode* p_parent : 0x25c3360
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a18b4068
SgStringList p_originalCommandLineArgumentList : [pdfGenerator, -std=c++11, -c, indirectLambdaCall.cxx]
int p_verbose : 0
bool p_output_warnings : 0
bool p_C_only : 0
bool p_UPC_only : 0
bool p_UPCxx_only : 0
int p_upc_threads : 0
bool p_C89_only : 0
bool p_C89_gnu_only : 0
bool p_C99_only : 0
bool p_C99_gnu_only : 0
bool p_Cxx_only : 1
bool p_C11_only : 0
bool p_C11_gnu_only : 0
bool p_Cxx0x_only : 0
bool p_Cxx11_only : 1
bool p_Cxx11_gnu_only : 0
bool p_C14_only : 0
bool p_C14_gnu_only : 0
bool p_Cxx14_only : 0
bool p_Cxx14_gnu_only : 0
bool p_Fortran_only : 0
bool p_F77_only : 0
bool p_F90_only : 0
bool p_F95_only : 0
bool p_F2003_only : 0
bool p_F2008_only : 0
bool p_CoArrayFortran_only : 0
bool p_Java_only : 0
bool p_X10_only : 0
bool p_PHP_only : 0
bool p_Python_only : 0
bool p_Cuda_only : 0
bool p_OpenCL_only : 0
bool p_requires_C_preprocessor : 0
bool p_binary_only : 0
SgFile::outputFormatOption_enum p_inputFormat : 2
SgFile::outputFormatOption_enum p_outputFormat : 2
SgFile::outputFormatOption_enum p_backendCompileFormat : 2
bool p_fortran_implicit_none : 0
bool p_openmp : 0
bool p_openmp_parse_only : 1
bool p_openmp_ast_only : 0
bool p_openmp_lowering : 0
bool p_cray_pointer_support : 0
bool p_failsafe : 0
bool p_output_parser_actions : 0
bool p_exit_after_parser : 0
bool p_skip_syntax_check : 0
bool p_relax_syntax_check : 0
bool p_skip_translation_from_edg_ast_to_rose_ast : 0
bool p_skip_transformation : 0
bool p_skip_unparse : 0
bool p_skipfinalCompileStep : 0
bool p_unparse_includes : 0
bool p_unparse_line_directives : 0
bool p_unparse_function_calls_using_operator_syntax : 0

pointer:0x7f01a182f120
SgGlobal
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a1701010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a18b40c0
Sg_File_Info* p_endOfConstruct : 0x7f01a18b4118
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e4140
SgTypeTable* p_type_table : 0x25fdda8
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgDeclarationStatementPtrList p_declarations : <too long>: <too long>: [0x7f01a1556010, 0x7f01a15562b0, 0x7f01a1087010, 0x7f01a1087010]

pointer:0x7f01a00cd010
SgNamespaceDeclarationStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 4:1
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: RAJA

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SgNode* p_parent : 0x7f01a182f120
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c0258
Sg_File_Info* p_endOfConstruct : 0x7f01a02c02b0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x27d57b0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = true isFriend() = false)
bool p_nameOnly : 0
bool p_forward : 1
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f01a00cd010
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgName p_name : RAJA
SgNamespaceDefinitionStatement* p_definition : 0x7f01a01fe010
bool p_isUnnamedNamespace : 0
bool p_isInlinedNamespace : 0

pointer:0x7f01a01fe010
SgNamespaceDefinitionStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 5:1
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a00cd010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a0d4b0c0
Sg_File_Info* p_endOfConstruct : 0x7f01a0d6c958
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x2fc6770
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e43a0
SgTypeTable* p_type_table : 0x25fddf8
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgDeclarationStatementPtrList p_declarations : [0x7f01a155e890, 0x7f019fddd440, 0x7f019f9b32b0, 0x7f019fdddca0]
SgNamespaceDeclarationStatement* p_namespaceDeclaration : 0x7f01a00cd010
SgNamespaceDefinitionStatement* p_previousNamespaceDefinition : 0
SgNamespaceDefinitionStatement* p_nextNamespaceDefinition : 0
SgNamespaceDefinitionStatement* p_global_definition : 0x7f01a01fe148
bool p_isUnionOfReentrantNamespaceDefinitions : 0

pointer:0x7f01a155e890
SgTypedefDeclaration
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 6:3
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L5R

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SgNode* p_parent : 0x7f01a01fe010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c0308
Sg_File_Info* p_endOfConstruct : 0x7f01a02c0360
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f01a155e890
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgName p_name : Index_type
SgType* p_base_type : 0x7f01a137b010
SgTypedefType* p_type : 0x7f01a1514550
SgDeclarationStatement* p_declaration : 0
SgSymbol* p_parent_scope : 0x7f01a009a010
bool p_typedefBaseTypeContainsDefiningDeclaration : 0
SgScopeStatement* p_scope : 0x7f01a01fe010
bool p_requiresGlobalNameQualificationOnType : 0
int p_name_qualification_length_for_base_type : 0
bool p_type_elaboration_required_for_base_type : 0
bool p_global_qualification_required_for_base_type : 0
bool p_isAutonomousDeclaration : 1
bool p_isAssociatedWithDeclarationList : 0
bool p_isFirstDeclarationOfDeclarationList : 1

pointer:0x7f019fddd440
SgTemplateFunctionDeclaration
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 10:3
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L9R__L10R

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

SgNode* p_parent : 0x7f01a01fe010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c1228
Sg_File_Info* p_endOfConstruct : 0x7f01a02c0410
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x2fc3f90
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0x7f019fddd440
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019fddd010
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgName p_name : forall
SgFunctionParameterList* p_parameterList : 0x7f01a0822860
SgFunctionModifier p_functionModifier : <too long>: <too long>: SgFunctionModifier(isUnknown() = false isDefault() = true isInline()
SgSpecialFunctionModifier p_specialFunctionModifier : <too long>: <too long>: SgSpecialFunctionModifier(isUnknown() = false isDefault()
SgTypePtrList p_exceptionSpecification : []
bool p_named_in_end_statement : 0
std::string p_asm_name :
SgExprListExp* p_decoratorList : 0
SgFunctionType* p_type : 0x7f01a127b470
SgFunctionDefinition* p_definition : 0x7f019fcbf010
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x7f01a01fe010
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_requiresNameQualificationOnReturnType : 0
std::string p_gnu_extension_section :
std::string p_gnu_extension_alias :
SgDeclarationStatement::gnu_extension_visability_attribute_enum p_gnu_extension_visability : 1
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
int p_name_qualification_length_for_return_type : 0
bool p_type_elaboration_required_for_return_type : 0
bool p_global_qualification_required_for_return_type : 0
bool p_prototypelsWithoutParameters : 0
int p_gnu_regparm_attribute : -1
SgFunctionType* p_type_syntax : 0
bool p_type_syntax_is_available : 0
bool p_using_C11_Noreturn_keyword : 0
bool p_is_constexpr : 0
bool p_using_new_function_return_type_syntax : 0
SgFunctionParameterScope* p_functionParameterScope : 0
bool p_marked_as_edg_normalization : 0
SgTemplateParameterPtrList p_templateParameters : [0x7f01a001c010, 0x7f01a001c070]
SgTemplateArgumentPtrList p_templateSpecializationArguments : []
SgName p_string : <too long>: <too long>: template < typename EXEC_POLICY_T, typename LOOP_BODY > void for
bool p_string_represents_function_body : 0

pointer:0x7f01a0822860
SgFunctionParameterList
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 11:5
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L10R

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SgNode* p_parent : 0x7f019fddd440
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c0b48
Sg_File_Info* p_endOfConstruct : 0x7f01a02c0ba0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = true isFrien
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f01a0822860
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgInitializedNamePtrList p_args : [0x7f01a03af978, 0x7f01a03afac0, 0x7f01a03afc08]

pointer:0x7f01a03af978
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 11:30
IsTransformation:0
IsOutputInCodeGeneration:0

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SgNode* p_parent : 0x7f01a0822860
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c07d8
Sg_File_Info* p_endOfConstruct : 0x7f01a02c0830
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : begin
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a1514550
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019fddd440
SgStorageModifier* p_storageModifier : 0x3253778
SgScopeStatement* p_scope : 0x7f019fcbf010
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visibility_enum p_gnu_attribute_visibility : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03afac0
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 11:48
IsTransformation:0
IsOutputInCodeGeneration:0

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SgNode* p_parent : 0x7f01a0822860
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c0888
Sg_File_Info* p_endOfConstruct : 0x7f01a02c08e0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : end
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a1514550
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019fddd440
SgStorageModifier* p_storageModifier : 0x32537a0
SgScopeStatement* p_scope : 0x7f019fcbf010
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visibility_enum p_gnu_attribute_visibility : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03afc08
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 11:63
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0822860
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c0938
Sg_File_Info* p_endOfConstruct : 0x7f01a02c0990
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : loop_body
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a004b0b0
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019fddd440
SgStorageModifier* p_storageModifier : 0x32537c8
SgScopeStatement* p_scope : 0x7f019fcbf010
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f019fcbf010
SgTemplateFunctionDefinition
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 12:5
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fddd440
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c09e8
Sg_File_Info* p_endOfConstruct : 0x7f01a02c0a40
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e4730
SgTypeTable* p_type_table : 0x25fde70
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgBasicBlock* p_body : 0x7f019fd54010
std::map<SgNode*,int> p_scope_number_list : []

pointer:0x7f019fd54010
SgBasicBlock
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 12:5
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fcbf010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c0728
Sg_File_Info* p_endOfConstruct : 0x7f01a02c0780
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e4600
SgTypeTable* p_type_table : 0x25fde48
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgStatementPtrList p_statements : [0x7f019fb85010]
std::string p_asm_function_body :

pointer:0x7f019fb85010
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 13:7
IsTransformation:0
IsOutputInCodeGeneration:0

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SgNode* p_parent : 0x7f019fd54010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c1438
Sg_File_Info* p_endOfConstruct : 0x7f01a02c1490
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019fbb4010

pointer:0x7f019fb85010
SgFunctionCallExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 13:14
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: void

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

SgNode* p_parent : 0x7f019fb85010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c1388
Sg_File_Info* p_endOfConstruct : 0x7f01a02c13e0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f01a02c1120
SgExpression* p_function : 0x7f019fc90010
SgExprListExp* p_args : 0x7f019fc1e078
SgType* p_expression_type : 0x7f01a127b470
bool p_uses_operator_syntax : 0

pointer:0x7f019fc90010
SgTemplateFunctionRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 13:7
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: void(::RAJA::Index_type, ::RAJA::Index_type, LOOP_BODY)

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

SgNode* p_parent : 0x7f019fbb4010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c0c50
Sg_File_Info* p_endOfConstruct : 0x7f01a02c0ca8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f01a02c0a98
SgTemplateFunctionSymbol* p_symbol_i : 0x32d0790
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fc1e078
SgExprListExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: int

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

SgNode* p_parent : 0x7f019fbb4010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c1280
Sg_File_Info* p_endOfConstruct : 0x7f01a02c12d8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f01a02c1018
SgExpressionPtrList p_expressions : [0x7f019fc51010, 0x7f019fbeb010, 0x7f019fbeb078, 0x7f019fbeb0e0]

pointer:0x7f019fc51010
SgConstructorInitializer
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 13:16
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: EXEC_POLICY_T

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

SgNode* p_parent : 0x7f019fc1e078
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c0af0
Sg_File_Info* p_endOfConstruct : 0x7f01a02c0e60
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f01a02c0d58
bool p_is_explicit_cast : 1
bool p_is_braced_initialized : 0
SgMemberFunctionDeclaration* p_declaration : 0
SgExprListExp* p_args : 0x7f019fc1e010
SgType* p_expression_type : 0x7f01a004b010
bool p_need_name : 1
bool p_need_qualifier : 0
bool p_need_parenthesis_after_name : 1
bool p_associated_class_unknown : 1
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fc1e010
SgExprListExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: int

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

SgNode* p_parent : 0x7f019fc51010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c0d00
Sg_File_Info* p_endOfConstruct : 0x7f01a02c0bf8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f01a02c0db0
SgExpressionPtrList p_expressions : []

pointer:0x7f019fbeb010
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 13:33
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019fc1e078
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c0f68
Sg_File_Info* p_endOfConstruct : 0x7f01a02c0fc0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f01a02c0e08
SgVariableSymbol* p_symbol : 0x32e80e0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbeb078
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 13:40
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019fc1e078
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c1070
Sg_File_Info* p_endOfConstruct : 0x7f01a02c10c8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f01a02c0eb8
SgVariableSymbol* p_symbol : 0x32e8110
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbeb0e0
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 13:45
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: LOOP_BODY

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

SgNode* p_parent : 0x7f019fc1e078
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c1178
Sg_File_Info* p_endOfConstruct : 0x7f01a02c11d0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f01a02c0f10
SgVariableSymbol* p_symbol : 0x32e8140
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f9b32b0
SgClassDeclaration
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 18:3
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: RAJA__scope__class__seq__exec

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

SgNode* p_parent : 0x7f01a01fe010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c1648
Sg_File_Info* p_endOfConstruct : 0x7f01a02c16a0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x2fc34f0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0x7f019f9b32b0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019f9b3010
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgName p_name : seq_exec
SgClassDeclaration::class_types p_class_type : 1
SgClassType* p_type : 0x7f019f974010
SgClassDefinition* p_definition : 0x7f019f8df010
SgScopeStatement* p_scope : 0x7f01a01fe010
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_from_template : 0
bool p_fixupScope : 0
bool p_isUnNamed : 0
bool p_explicit_annotation_interface : 0
bool p_explicit_interface : 0
bool p_explicit_enum : 0
bool p_explicit_anonymous : 0
SgExprListExp* p_decoratorList : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
bool p_isAutonomousDeclaration : 1
bool p_isRepresentingTemplateParameterInTemplateDeclaration : 0

pointer:0x7f019f8df010
SgClassDefinition
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 18:3
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f9b32b0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c15f0
Sg_File_Info* p_endOfConstruct : 0x7f01a02c1598
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e4860
SgTypeTable* p_type_table : 0x25fde98
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgDeclarationStatementPtrList p_members : []
SgBaseClassPtrList p_inheritances : []
unsigned int p_packingAlignment : 0
bool p_isSequence : 0
bool p_isPrivate : 0
bool p_isAbstract : 0

pointer:0x7f019fdddca0
SgTemplateFunctionDeclaration
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 23:3
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L11R__L12R

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

SgNode* p_parent : 0x7f01a01fe010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b5140
Sg_File_Info* p_endOfConstruct : 0x7f01a02c16f8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x2fc53c0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0x7f019fdddca0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019fddd870
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgName p_name : forall
SgFunctionParameterList* p_parameterList : 0x7f01a0822d00
SgFunctionModifier p_functionModifier : <too long>: <too long>: SgFunctionModifier(isUnknown() = false isDefault() = true isInline()
SgSpecialFunctionModifier p_specialFunctionModifier : <too long>: <too long>: SgSpecialFunctionModifier(isUnknown() = false isDefault()
SgTypePtrList p_exceptionSpecification : []
bool p_named_in_end_statement : 0
std::string p_asm_name :
SgExprListExp* p_decoratorList : 0
SgFunctionType* p_type : 0x7f01a127b500
SgFunctionDefinition* p_definition : 0x7f019fcbf140
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x7f01a01fe010
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_requiresNameQualificationOnReturnType : 0
std::string p_gnu_extension_section :
std::string p_gnu_extension_alias :
SgDeclarationStatement::gnu_extension_visability_attribute_enum p_gnu_extension_visability : 1
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
int p_name_qualification_length_for_return_type : 0
bool p_type_elaboration_required_for_return_type : 0
bool p_global_qualification_required_for_return_type : 0
bool p_prototypelsWithoutParameters : 0
int p_gnu_regparm_attribute : -1
SgFunctionType* p_type_syntax : 0
bool p_type_syntax_is_available : 0
bool p_using_C11_Noreturn_keyword : 0
bool p_is_constexpr : 0
bool p_using_new_function_return_type_syntax : 0
SgFunctionParameterScope* p_functionParameterScope : 0
bool p_marked_as_edg_normalization : 0
SgTemplateParameterPtrList p_templateParameters : [0x7f01a001c0d0]
SgTemplateArgumentPtrList p_templateSpecializationArguments : []
SgName p_string : <too long>: <too long>: template < typename LOOP_BODY > void forall (seq_exec, Index_ty
bool p_string_represents_function_body : 0

pointer:0x7f01a0822d00
SgFunctionParameterList
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 24:5
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L12R

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

SgNode* p_parent : 0x7f019fdddca0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b4068
Sg_File_Info* p_endOfConstruct : 0x7f019f8b40c0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = true isFriend
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f01a0822d00
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgInitializedNamePtrList p_args : [0x7f01a03b0270, 0x7f01a03b03b8, 0x7f01a03b0500, 0x7f01a03b0648]

pointer:0x7f01a03b0270
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 24:19
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0822d00
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c1bc8
Sg_File_Info* p_endOfConstruct : 0x7f01a02c1c20
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name :
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f019f974010
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019fdddca0
SgStorageModifier* p_storageModifier : 0x3253890
SgScopeStatement* p_scope : 0x7f019fcbf140
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b03b8
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 24:40
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0822d00
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c1c78
Sg_File_Info* p_endOfConstruct : 0x7f01a02c1cd0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : begin
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a1514550
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019fdddca0
SgStorageModifier* p_storageModifier : 0x32538b8
SgScopeStatement* p_scope : 0x7f019fcbf140
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b0500
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 24:58
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0822d00
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c1d28
Sg_File_Info* p_endOfConstruct : 0x7f01a02c1d80
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : end
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a1514550
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019fdddca0
SgStorageModifier* p_storageModifier : 0x32538e0
SgScopeStatement* p_scope : 0x7f019fcbf140
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b0648
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 24:73
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0822d00
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c1dd8
Sg_File_Info* p_endOfConstruct : 0x7f01a02c1e30
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : loop_body
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a004b150
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019fdddca0
SgStorageModifier* p_storageModifier : 0x3253908
SgScopeStatement* p_scope : 0x7f019fcbf140
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f019fcbf140
SgTemplateFunctionDefinition
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 25:5
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fdddca0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c1e88
Sg_File_Info* p_endOfConstruct : 0x7f01a02c1ee0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e4ac0
SgTypeTable* p_type_table : 0x25fdee8
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgBasicBlock* p_body : 0x7f019fd54128
std::map<SgNode*,int> p_scope_number_list : []

pointer:0x7f019fd54128
SgBasicBlock
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 25:5
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fcbf140
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f01a02c1b18
Sg_File_Info* p_endOfConstruct : 0x7f01a02c1b70
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e4990
SgTypeTable* p_type_table : 0x25fdec0
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgStatementPtrList p_statements : [0x7f019fb85070, 0x7f019f7fb010, 0x7f019fb85190]
std::string p_asm_function_body :

pointer:0x7f019fb85070
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 26:7
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54128
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b4220
Sg_File_Info* p_endOfConstruct : 0x7f019f8b4278
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019f88c010

pointer:0x7f019f88c010
SgNullExpression
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: int

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

SgNode* p_parent : 0x7f019fb85070
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b4170
Sg_File_Info* p_endOfConstruct : 0x7f019f8b41c8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f01a02c1f38

pointer:0x7f019f7fb010
SgForStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:7
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54128
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b52f8
Sg_File_Info* p_endOfConstruct : 0x7f019f8b5350
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e4bf0
SgTypeTable* p_type_table : 0x25fdf10
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgForInitStatement* p_for_init_stmt : 0x7f019f7c4080
SgStatement* p_test : 0x7f019fb850d0
SgExpression* p_increment : 0x7f019f4c8010
SgStatement* p_loop_body : 0x7f019fd54240
SgStatement* p_else_body : 0
std::string p_string_label :

pointer:0x7f019f7c4080
SgForInitStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:13
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f7fb010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b46f0
Sg_File_Info* p_endOfConstruct : 0x7f019f8b4748
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgStatementPtrList p_init_stmt : [0x7f019f683010]

pointer:0x7f019f683010
SgVariableDeclaration
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:13
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: _variable_declaration__variable_type_L5R_variable_name_L11R__L12R__scope____SgSS2____scope_____

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

SgNode* p_parent : 0x7f019f7c4080
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b4430
Sg_File_Info* p_endOfConstruct : 0x7f019f8b4488
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 1
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019f683010
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgDeclarationStatement* p_baseTypeDefiningDeclaration : 0
SgInitializedNamePtrList p_variables : [0x7f01a03b0790]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_requiresGlobalNameQualificationOnType : 0
std::string p_gnu_extension_section :
std::string p_gnu_extension_alias :
unsigned short p_gnu_extension_initialization_priority : 0
SgDeclarationStatement::gnu_extension_visibility_attribute_enum p_gnu_extension_visibility : 0
SgVariableDeclaration::gnu_extension_declaration_attributes_enum p_gnu_extension_declaration_attribute : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
bool p_isAssociatedWithDeclarationList : 0
bool p_isFirstDeclarationOfDeclarationList : 1
bool p_is_thread_local : 0
bool p_is_constexpr : 0

pointer:0x7f01a03b0790
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:13
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f683010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b43d8
Sg_File_Info* p_endOfConstruct : 0x7f019f8b4380
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : ii
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a1514550
SgInitializer* p_initptr : 0x7f019f532010
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f565010
SgStorageModifier* p_storageModifier : 0x3253930
SgScopeStatement* p_scope : 0x7f019f7fb010
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 2
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f019f532010
SgAssignInitializer
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f01a03b0790
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b4640
Sg_File_Info* p_endOfConstruct : 0x7f019f8b45e8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b4328
bool p_is_explicit_cast : 1
bool p_is_braced_initialized : 0
SgExpression* p_operand_i : 0x7f019fbeb148
SgType* p_expression_type : 0

pointer:0x7f019fbeb148
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:29
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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SgNode* p_parent : 0x7f019f532010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b4538
Sg_File_Info* p_endOfConstruct : 0x7f019f8b4590
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b42d0
SgVariableSymbol* p_symbol : 0x32e81a0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fb850d0
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:36
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f7fb010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b4ab8
Sg_File_Info* p_endOfConstruct : 0x7f019f8b4b10
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019f4fb010

pointer:0x7f019f4fb010
SgLessThanOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:39
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: bool

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

SgNode* p_parent : 0x7f019fb850d0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b4a08
Sg_File_Info* p_endOfConstruct : 0x7f019f8b4a60
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b47a0
SgExpression* p_lhs_operand_i : 0x7f019fbeb1b0
SgExpression* p_rhs_operand_i : 0x7f019fbeb218
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019fbeb1b0
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:36
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019f4fb010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b47f8
Sg_File_Info* p_endOfConstruct : 0x7f019f8b4850
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b4698
SgVariableSymbol* p_symbol : 0x32e8230
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbeb218
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:41
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019f4fb010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b4900
Sg_File_Info* p_endOfConstruct : 0x7f019f8b4958
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b44e0
SgVariableSymbol* p_symbol : 0x32e81d0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f4c8010
SgPlusPlusOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:46
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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SgNode* p_parent : 0x7f019f7fb010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b4cc8
Sg_File_Info* p_endOfConstruct : 0x7f019f8b4d20
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b48a8
SgExpression* p_operand_i : 0x7f019fbbeb280
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0

pointer:0x7f019fbeb280
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:49
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019f4c8010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b4bc0
Sg_File_Info* p_endOfConstruct : 0x7f019f8b4c18
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 1
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b49b0
SgVariableSymbol* p_symbol : 0x32e8230
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fd54240
SgBasicBlock
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:54
IsTransformation:0
IsOutputInCodeGeneration:0

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SgNode* p_parent : 0x7f019f7fb010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b4d78
Sg_File_Info* p_endOfConstruct : 0x7f019f8b4dd0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e4d20
SgTypeTable* p_type_table : 0x25fdf38
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgStatementPtrList p_statements : [0x7f019fb85130]
std::string p_asm_function_body :

pointer:0x7f019fb85130
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 29:9
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54240
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b5248
Sg_File_Info* p_endOfConstruct : 0x7f019f8b52a0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019fbb4080

pointer:0x7f019fb84080
SgFunctionCallExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 29:19
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: UNKNOWN

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

SgNode* p_parent : 0x7f019fb85130
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019fb8b5198
Sg_File_Info* p_endOfConstruct : 0x7f019fb8b51f0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019fb8b4f30
SgExpression* p_function : 0x7f019fb8b2e8
SgExprListExp* p_args : 0x7f019fc1e0e0
SgType* p_expression_type : 0x7f01a004b150
bool p_uses_operator_syntax : 0

pointer:0x7f019fbeb2e8
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 29:9
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: LOOP_BODY

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

SgNode* p_parent : 0x7f019fbb4080
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b4e80
Sg_File_Info* p_endOfConstruct : 0x7f019f8b4ed8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b4c70
SgVariableSymbol* p_symbol : 0x32e8200
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fc1e0e0
SgExprListExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: int

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

SgNode* p_parent : 0x7f019fbb4080
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b5090
Sg_File_Info* p_endOfConstruct : 0x7f019f8b50e8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b4e28
SgExpressionPtrList p_expressions : [0x7f019fbeb350]

pointer:0x7f019fbeb350
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 29:21
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019fc1e0e0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b4f88
Sg_File_Info* p_endOfConstruct : 0x7f019f8b4fe0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b4b68
SgVariableSymbol* p_symbol : 0x32e8230
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fb85190
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 31:7
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54128
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b54b0
Sg_File_Info* p_endOfConstruct : 0x7f019f8b5508
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019f88c060

pointer:0x7f019f88c060
SgNullExpression
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: int

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

SgNode* p_parent : 0x7f019fb85190
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b5400
Sg_File_Info* p_endOfConstruct : 0x7f019f8b5458
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b5038

pointer:0x7f019f2c4010
SgTemplateInstantiationFunctionDecl
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L13R

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

SgNode* p_parent : 0x7f01a182f120
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b5928
Sg_File_Info* p_endOfConstruct : 0x7f019f8b58d0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 0
bool p_forward : 1
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0x7f019f2c4c70
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019f2c4010
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgName p_name : forall < seq_exec , >
SgFunctionParameterList* p_parameterList : 0x7f01a0822f50
SgFunctionModifier p_functionModifier : <too long>: <too long>: SgFunctionModifier(isUnknown() = false isDefault() = true isInline()
SgSpecialFunctionModifier p_specialFunctionModifier : <too long>: <too long>: SgSpecialFunctionModifier(isUnknown() = false isDefault()
SgTypePtrList p_exceptionSpecification : []
bool p_named_in_end_statement : 0
std::string p_asm_name :
SgExprListExp* p_decoratorList : 0
SgFunctionType* p_type : 0x7f01a127b590
SgFunctionDefinition* p_definition : 0
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x7f01a01fe010
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_requiresNameQualificationOnReturnType : 0
std::string p_gnu_extension_section :
std::string p_gnu_extension_alias :
SgDeclarationStatement::gnu_extension_visability_attribute_enum p_gnu_extension_visability : 1
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
int p_name_qualification_length_for_return_type : 0
bool p_type_elaboration_required_for_return_type : 0
bool p_global_qualification_required_for_return_type : 0
bool p_prototypelsWithoutParameters : 0
int p_gnu_regparm_attribute : -1
SgFunctionType* p_type_syntax : 0x7f01a127b590
bool p_type_syntax_is_available : 1
bool p_using_C11_Noreturn_keyword : 0
bool p_is_constexpr : 0
bool p_using_new_function_return_type_syntax : 0
SgFunctionParameterScope* p_functionParameterScope : 0
bool p_marked_as_edg_normalization : 0
SgName p_templateName : forall
SgTemplateFunctionDeclaration* p_templateDeclaration : 0x7f019fddd010
SgTemplateArgumentPtrList p_templateArguments : [0x7f019ffe9148, 0x7f019ffe91b0]
bool p_nameResetFromMangledForm : 1
bool p_nameResetFromMangledForm : 1

pointer:0x7f01a0822f50
SgFunctionParameterList
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L14R

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

SgNode* p_parent : 0x7f019f2c4010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b5560
Sg_File_Info* p_endOfConstruct : 0x7f019f8b55b8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = true isFriend
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f01a0822f50
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgInitializedNamePtrList p_args : [0x7f01a03b08d8, 0x7f01a03b0a20, 0x7f01a03b0b68]

pointer:0x7f01a03b08d8
SgInitializedName
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0822f50
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b5610
Sg_File_Info* p_endOfConstruct : 0x7f019f8b5668
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : begin
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a1514550
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f2c4010
SgStorageModifier* p_storageModifier : 0x3253958
SgScopeStatement* p_scope : 0x7f01a01fe010
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b0a20
SgInitializedName
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0822f50
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b56c0
Sg_File_Info* p_endOfConstruct : 0x7f019f8b5718
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : end
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a1514550
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f2c4010
SgStorageModifier* p_storageModifier : 0x3253980
SgScopeStatement* p_scope : 0x7f01a01fe010
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b0b68
SgInitializedName
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0822f50
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b5820
Sg_File_Info* p_endOfConstruct : 0x7f019f8b5878
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : loop_body
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f019f974090
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f2c4010
SgStorageModifier* p_storageModifier : 0x32539a8
SgScopeStatement* p_scope : 0x7f01a01fe010
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a06d29e0
SgFunctionDeclaration
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 38:1
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L6R__L7R

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

SgNode* p_parent : 0x7f01a182f120
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b59d8
Sg_File_Info* p_endOfConstruct : 0x7f019f8b5980
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0x7f01a06d29e0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f01a06d2610
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgName p_name : foo
SgFunctionParameterList* p_parameterList : 0x7f01a08233f0
SgFunctionModifier p_functionModifier : <too long>: <too long>: SgFunctionModifier(isUnknown() = false isDefault() = true isInline()
SgSpecialFunctionModifier p_specialFunctionModifier : <too long>: <too long>: SgSpecialFunctionModifier(isUnknown() = false isDefault()
SgTypePtrList p_exceptionSpecification : []
bool p_named_in_end_statement : 0
std::string p_asm_name :
SgExprListExp* p_decoratorList : 0
SgFunctionType* p_type : 0x7f01a127b620
SgFunctionDefinition* p_definition : 0x7f019f22f010
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x7f01a182f120
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_requiresNameQualificationOnReturnType : 0
std::string p_gnu_extension_section :
std::string p_gnu_extension_alias :
SgDeclarationStatement::gnu_extension_visability_attribute_enum p_gnu_extension_visability : 1
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
int p_name_qualification_length_for_return_type : 0
bool p_type_elaboration_required_for_return_type : 0
bool p_global_qualification_required_for_return_type : 0
bool p_prototypelsWithoutParameters : 0
int p_gnu_regparm_attribute : -1
SgFunctionType* p_type_syntax : 0
bool p_type_syntax_is_available : 0
bool p_using_C11_Noreturn_keyword : 0
bool p_is_constexpr : 0
bool p_using_new_function_return_type_syntax : 0
SgFunctionParameterScope* p_functionParameterScope : 0
bool p_marked_as_edg_normalization : 0

pointer:0x7f01a08233f0
SgFunctionParameterList
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 38:1
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L7R

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

SgNode* p_parent : 0x7f01a06d29e0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b6530
Sg_File_Info* p_endOfConstruct : 0x7f019f8b6588
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = true isFrien
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f01a08233f0
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgInitializedNamePtrList p_args : <too long>: <too long>: [0x7f01a03b1460, 0x7f01a03b15a8, 0x7f01a03b16f0, 0x7f01a03b1838, 0x7

pointer:0x7f01a03b1460
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 38:18
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a08233f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b5fb0
Sg_File_Info* p_endOfConstruct : 0x7f019f8b6008
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : x
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a104c268
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f01a06d29e0
SgStorageModifier* p_storageModifier : 0x3253ac0
SgScopeStatement* p_scope : 0x7f019f22f010
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b15a8
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 38:25
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a08233f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b6060
Sg_File_Info* p_endOfConstruct : 0x7f019f8b60b8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : jp
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a137b010
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f01a06d29e0
SgStorageModifier* p_storageModifier : 0x3253ae8
SgScopeStatement* p_scope : 0x7f019f22f010
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b16f0
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 38:33
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a08233f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b6110
Sg_File_Info* p_endOfConstruct : 0x7f019f8b6168
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : kp
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a137b010
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f01a06d29e0
SgStorageModifier* p_storageModifier : 0x3253b10
SgScopeStatement* p_scope : 0x7f019f22f010
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b1838
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 38:54
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a08233f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b61c0
Sg_File_Info* p_endOfConstruct : 0x7f019f8b6218
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : begin
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a1514550
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f01a06d29e0
SgStorageModifier* p_storageModifier : 0x3253b38
SgScopeStatement* p_scope : 0x7f019f22f010
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b1980
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 38:78
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a08233f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b6270
Sg_File_Info* p_endOfConstruct : 0x7f019f8b62c8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : end
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a1514550
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f01a06d29e0
SgStorageModifier* p_storageModifier : 0x3253b60
SgScopeStatement* p_scope : 0x7f019f22f010
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b1ac8
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 38:90
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a08233f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b6320
Sg_File_Info* p_endOfConstruct : 0x7f019f8b6378
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : rh1
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a0f32010
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f01a06d29e0
SgStorageModifier* p_storageModifier : 0x3253b88
SgScopeStatement* p_scope : 0x7f019f22f010
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f019f22f010
SgFunctionDefinition
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 39:1
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a06d29e0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b63d0
Sg_File_Info* p_endOfConstruct : 0x7f019f8b6428
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e4f80
SgTypeTable* p_type_table : 0x25fdf88
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgBasicBlock* p_body : 0x7f019fd54358
std::map<SgNode*,int> p_scope_number_list : [0x7f019f22f010->1, 0x7f019fd54358->2]

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

pointer:0x7f019f6832a0
SgVariableDeclaration
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 41:4
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: __variable_declaration__variable_type__Pb__d__Pe__variable_name_L6R__L7R__scope____SgSS2____;

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

SgNode* p_parent : 0x7f019fd54358
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b6740
Sg_File_Info* p_endOfConstruct : 0x7f019f8b6798
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x2814b80
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 1
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019f6832a0
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgDeclarationStatement* p_baseTypeDefiningDeclaration : 0
SgInitializedNamePtrList p_variables : [0x7f01a03b1c10]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_requiresGlobalNameQualificationOnType : 0
std::string p_gnu_extension_section :
std::string p_gnu_extension_alias :
unsigned short p_gnu_extension_initialization_priority : 0
SgDeclarationStatement::gnu_extension_visibility_attribute_enum p_gnu_extension_visibility : 0
SgVariableDeclaration::gnu_extension_declaration_attributes_enum p_gnu_extension_declaration_attribute : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
bool p_isAssociatedWithDeclarationList : 1
bool p_isFirstDeclarationOfDeclarationList : 1
bool p_is_thread_local : 0
bool p_is_constexpr : 0

pointer:0x7f01a03b1c10
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 41:4
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f6832a0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b66e8
Sg_File_Info* p_endOfConstruct : 0x7f019f8b6690
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : x1
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a104c268
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f565258
SgStorageModifier* p_storageModifier : 0x3253bb0
SgScopeStatement* p_scope : 0x7f019fd54358
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 2
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f019f683530
SgVariableDeclaration
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 41:4
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: __variable_declaration__variable_type__Pb__d__Pe__variable_name_L6R__L7R__scope____SgSS2____;

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

SgNode* p_parent : 0x7f019fd54358
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b6950
Sg_File_Info* p_endOfConstruct : 0x7f019f8b69a8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 1
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019f683530
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgDeclarationStatement* p_baseTypeDefiningDeclaration : 0
SgInitializedNamePtrList p_variables : [0x7f01a03b1d58]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_requiresGlobalNameQualificationOnType : 0
std::string p_gnu_extension_section :
std::string p_gnu_extension_alias :
unsigned short p_gnu_extension_initialization_priority : 0
SgDeclarationStatement::gnu_extension_visibility_attribute_enum p_gnu_extension_visibility : 0
SgVariableDeclaration::gnu_extension_declaration_attributes_enum p_gnu_extension_declaration_attribute : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
bool p_isAssociatedWithDeclarationList : 1
bool p_isFirstDeclarationOfDeclarationList : 1
bool p_is_thread_local : 0
bool p_is_constexpr : 0

pointer:0x7f01a03b1d58
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 41:4
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f683530
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b68f8
Sg_File_Info* p_endOfConstruct : 0x7f019f8b68a0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : x2
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a104c268
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f5654a0
SgStorageModifier* p_storageModifier : 0x3253bd8
SgScopeStatement* p_scope : 0x7f019fd54358
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 2
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f019f6837c0
SgVariableDeclaration
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 41:4
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: __variable_declaration__variable_type__Pb__d__Pe__variable_name_L6R__L7R__scope____SgSS2____;

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

SgNode* p_parent : 0x7f019fd54358
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b6b60
Sg_File_Info* p_endOfConstruct : 0x7f019f8b6bb8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 1
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019f6837c0
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgDeclarationStatement* p_baseTypeDefiningDeclaration : 0
SgInitializedNamePtrList p_variables : [0x7f01a03b1ea0]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_requiresGlobalNameQualificationOnType : 0
std::string p_gnu_extension_section :
std::string p_gnu_extension_alias :
unsigned short p_gnu_extension_initialization_priority : 0
SgDeclarationStatement::gnu_extension_visibility_attribute_enum p_gnu_extension_visibility : 0
SgVariableDeclaration::gnu_extension_declaration_attributes_enum p_gnu_extension_declaration_attribute : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
bool p_isAssociatedWithDeclarationList : 1
bool p_isFirstDeclarationOfDeclarationList : 1
bool p_is_thread_local : 0
bool p_is_constexpr : 0

pointer:0x7f01a03b1ea0
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 41:4
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f6837c0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b6b08
Sg_File_Info* p_endOfConstruct : 0x7f019f8b6ab0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : x3
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a104c268
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f5656e8
SgStorageModifier* p_storageModifier : 0x3253c00
SgScopeStatement* p_scope : 0x7f019fd54358
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 2
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f019f683a50
SgVariableDeclaration
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 41:4
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: __variable_declaration__variable_type__Pb__d__Pe__variable_name_L6R__L7R__scope____SgSS2____;

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

SgNode* p_parent : 0x7f019fd54358
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b6d70
Sg_File_Info* p_endOfConstruct : 0x7f019f8b6dc8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 1
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019f683a50
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgDeclarationStatement* p_baseTypeDefiningDeclaration : 0
SgInitializedNamePtrList p_variables : [0x7f01a03b1fe8]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_requiresGlobalNameQualificationOnType : 0
std::string p_gnu_extension_section :
std::string p_gnu_extension_alias :
unsigned short p_gnu_extension_initialization_priority : 0
SgDeclarationStatement::gnu_extension_visibility_attribute_enum p_gnu_extension_visibility : 0
SgVariableDeclaration::gnu_extension_declaration_attributes_enum p_gnu_extension_declaration_attribute : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
bool p_isAssociatedWithDeclarationList : 1
bool p_isFirstDeclarationOfDeclarationList : 1
bool p_is_thread_local : 0
bool p_is_constexpr : 0

pointer:0x7f01a03b1fe8
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 41:4
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f683a50
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b6d18
Sg_File_Info* p_endOfConstruct : 0x7f019f8b6cc0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : x4
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a104c268
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f565930
SgStorageModifier* p_storageModifier : 0x3253c28
SgScopeStatement* p_scope : 0x7f019fd54358
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 2
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f019fb851f0
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 44:4
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54358
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7138
Sg_File_Info* p_endOfConstruct : 0x7f019f8b7190
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x2815670
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019f1f8010

pointer:0x7f019f1f8010
SgAssignOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 44:7
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019fb851f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7088
Sg_File_Info* p_endOfConstruct : 0x7f019f8b70e0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b6e20
SgExpression* p_lhs_operand_i : 0x7f019fbeb3b8
SgExpression* p_rhs_operand_i : 0x7f019fbeb420
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019fbeb3b8
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 44:4
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f1f8010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b6e78
Sg_File_Info* p_endOfConstruct : 0x7f019f8b6ed0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 1
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b6c10
SgVariableSymbol* p_symbol : 0x32e8380
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbeb420
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 44:9
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f1f8010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b6f80
Sg_File_Info* p_endOfConstruct : 0x7f019f8b6fd8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b6c68
SgVariableSymbol* p_symbol : 0x32e8260
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fb85250
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 45:4
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54358
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7710
Sg_File_Info* p_endOfConstruct : 0x7f019f8b7768
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019f1f8080

pointer:0x7f019f1f8080
SgAssignOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 45:7
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019fb85250
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7660
Sg_File_Info* p_endOfConstruct : 0x7f019f8b76b8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b71e8
SgExpression* p_lhs_operand_i : 0x7f019fbeb488
SgExpression* p_rhs_operand_i : 0x7f019f18e010
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019fbeb488
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 45:4
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f1f8080
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7240
Sg_File_Info* p_endOfConstruct : 0x7f019f8b7298
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 1
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b7030
SgVariableSymbol* p_symbol : 0x32e83b0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f18e010
SgAddOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 45:11
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f1f8080
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7558
Sg_File_Info* p_endOfConstruct : 0x7f019f8b75b0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b7450
SgExpression* p_lhs_operand_i : 0x7f019fbeb4f0
SgExpression* p_rhs_operand_i : 0x7f019f1c5010
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019fbeb4f0
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 45:9
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f18e010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7348
Sg_File_Info* p_endOfConstruct : 0x7f019f8b73a0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b6f28
SgVariableSymbol* p_symbol : 0x32e8260
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f1c5010
SgIntVal
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 45:12
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: int

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

SgNode* p_parent : 0x7f019f18e010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b73f8
Sg_File_Info* p_endOfConstruct : 0x7f019f8b72f0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b74a8
SgExpression* p_originalExpressionTree : 0
int p_value : 1
std::string p_valueString : 1

pointer:0x7f019fb852b0
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 46:4
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54358
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7ce8
Sg_File_Info* p_endOfConstruct : 0x7f019f8b7d40
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019f1f80f0

pointer:0x7f019f1f80f0
SgAssignOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 46:7
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019fb852b0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7c38
Sg_File_Info* p_endOfConstruct : 0x7f019f8b7c90
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b79d0
SgExpression* p_lhs_operand_i : 0x7f019fbeb558
SgExpression* p_rhs_operand_i : 0x7f019f18e080
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019fbeb558
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 46:4
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f1f80f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7818
Sg_File_Info* p_endOfConstruct : 0x7f019f8b7870
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 1
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b7608
SgVariableSymbol* p_symbol : 0x32e83e0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f18e080
SgAddOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 46:12
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f1f80f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7b30
Sg_File_Info* p_endOfConstruct : 0x7f019f8b7b88
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b78c8
SgExpression* p_lhs_operand_i : 0x7f019fbeb5c0
SgExpression* p_rhs_operand_i : 0x7f019fbeb628
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019fbeb5c0
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 46:9
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f18e080
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7920
Sg_File_Info* p_endOfConstruct : 0x7f019f8b7978
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b7500
SgVariableSymbol* p_symbol : 0x32e8380
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbeb628
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 46:14
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: int

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

SgNode* p_parent : 0x7f019f18e080
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7a28
Sg_File_Info* p_endOfConstruct : 0x7f019f8b7a80
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b77c0
SgVariableSymbol* p_symbol : 0x32e8290
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fb85310
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 47:4
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54358
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b82c0
Sg_File_Info* p_endOfConstruct : 0x7f019f8b8318
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019f1f8160

pointer:0x7f019f1f8160
SgAssignOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 47:7
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019fb85310
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b8210
Sg_File_Info* p_endOfConstruct : 0x7f019f8b8268
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b7fa8
SgExpression* p_lhs_operand_i : 0x7f019fbeb690
SgExpression* p_rhs_operand_i : 0x7f019f18e0f0
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019fbeb690
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 47:4
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f1f8160
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7df0
Sg_File_Info* p_endOfConstruct : 0x7f019f8b7e48
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 1
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b7be0
SgVariableSymbol* p_symbol : 0x32e8410
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f18e0f0
SgAddOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 47:12
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f1f8160
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b8108
Sg_File_Info* p_endOfConstruct : 0x7f019f8b8160
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b7ea0
SgExpression* p_lhs_operand_i : 0x7f019fbeb6f8
SgExpression* p_rhs_operand_i : 0x7f019fbeb760
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019fb6b6f8
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 47:9
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f18e0f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b7ef8
Sg_File_Info* p_endOfConstruct : 0x7f019f8b7f50
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b7ad8
SgVariableSymbol* p_symbol : 0x32e8380
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fb760
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 47:14
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: int

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

SgNode* p_parent : 0x7f019f18e0f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b8000
Sg_File_Info* p_endOfConstruct : 0x7f019f8b8058
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b7d98
SgVariableSymbol* p_symbol : 0x32e82c0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f683ce0
SgVariableDeclaration
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 51:3
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: _variable_declaration__variable_type_0x7f01a004b1f0_variable_name_L6R__L7R__scope____SgSS2____s

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

SgNode* p_parent : 0x7f019fd54358
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b84d0
Sg_File_Info* p_endOfConstruct : 0x7f019f8b8528
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x2817f60
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 1
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019f683ce0
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgDeclarationStatement* p_baseTypeDefiningDeclaration : 0
SgInitializedNamePtrList p_variables : [0x7f01a03b2130]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_requiresGlobalNameQualificationOnType : 0
std::string p_gnu_extension_section :
std::string p_gnu_extension_alias :
unsigned short p_gnu_extension_initialization_priority : 0
SgDeclarationStatement::gnu_extension_visibility_attribute_enum p_gnu_extension_visibility : 0
SgVariableDeclaration::gnu_extension_declaration_attributes_enum p_gnu_extension_declaration_attribute : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
bool p_isAssociatedWithDeclarationList : 0
bool p_isFirstDeclarationOfDeclarationList : 1
bool p_is_thread_local : 0
bool p_is_constexpr : 0

pointer:0x7f01a03b2130
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 51:3
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f683ce0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b8478
Sg_File_Info* p_endOfConstruct : 0x7f019f8b8420
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : kernel
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a004b1f0
SgInitializer* p_initptr : 0x7f019f532078
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f565b78
SgStorageModifier* p_storageModifier : 0x3253c50
SgScopeStatement* p_scope : 0x7f019fd54358
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 2
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 1
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f019f532078
SgAssignInitializer
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: void

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

SgNode* p_parent : 0x7f01a03b2130
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bd070
Sg_File_Info* p_endOfConstruct : 0x7f019f8bd018
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bcf68
bool p_is_explicit_cast : 1
bool p_is_braced_initialized : 0
SgExpression* p_operand_i : 0x7f019ebd7010
SgType* p_expression_type : 0

pointer:0x7f019ebd7010
SgLambdaExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 51:17
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: void

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

SgNode* p_parent : 0x7f019f532078
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bcf10
Sg_File_Info* p_endOfConstruct : 0x7f019f8bcd58
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bcfc0
SgLambdaCaptureList* p_lambda_capture_list : 0x7f019f15f010
SgClassDeclaration* p_lambda_closure_class : 0x7f019f9b3550
SgFunctionDeclaration* p_lambda_function : 0x7f019eea93f0
bool p_is_mutable : 0
bool p_capture_default : 1
bool p_default_is_by_reference : 0
bool p_explicit_return_type : 0
bool p_has_parameter_decl : 1
bool p_is_device : 0

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

pointer:0x7f019f12c010
SgLambdaCapture
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 57:7
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f15f010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b8c60
Sg_File_Info* p_endOfConstruct : 0x7f019f8b8cb8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgExpression* p_capture_variable : 0x7f019fbeb7c8
SgExpression* p_source_closure_variable : 0
SgExpression* p_closure_variable : 0x7f019fbeb830
bool p_capture_by_reference : 0
bool p_implicit : 1
bool p_pack_expansion : 0

pointer:0x7f019fbeb7c8
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 41:4
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f12c010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b8688
Sg_File_Info* p_endOfConstruct : 0x7f019f8b86e0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b83c8
SgVariableSymbol* p_symbol : 0x32e8380
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbeb830
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 57:7
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f12c010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b8bb0
Sg_File_Info* p_endOfConstruct : 0x7f019f8b8c08
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b8948
SgVariableSymbol* p_symbol : 0x32e8470
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f12c078
SgLambdaCapture
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 57:16
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f15f010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b9130
Sg_File_Info* p_endOfConstruct : 0x7f019f8b9188
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgExpression* p_capture_variable : 0x7f019fbeb898
SgExpression* p_source_closure_variable : 0
SgExpression* p_closure_variable : 0x7f019fbeb900
bool p_capture_by_reference : 0
bool p_implicit : 1
bool p_pack_expansion : 0

pointer:0x7f019fbeb898
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 38:83
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double

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

SgNode* p_parent : 0x7f019f12c078
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b8d68
Sg_File_Info* p_endOfConstruct : 0x7f019f8b8dc0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b8b58
SgVariableSymbol* p_symbol : 0x32e8350
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbeb900
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 57:16
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double

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

SgNode* p_parent : 0x7f019f12c078
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b9080
Sg_File_Info* p_endOfConstruct : 0x7f019f8b90d8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b8e18
SgVariableSymbol* p_symbol : 0x32e84a0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f12c0e0
SgLambdaCapture
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 58:7
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f15f010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b9600
Sg_File_Info* p_endOfConstruct : 0x7f019f8b9658
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgExpression* p_capture_variable : 0x7f019fbeb968
SgExpression* p_source_closure_variable : 0
SgExpression* p_closure_variable : 0x7f019fbeb9d0
bool p_capture_by_reference : 0
bool p_implicit : 1
bool p_pack_expansion : 0

pointer:0x7f019fb968
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 41:4
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f12c0e0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b9238
Sg_File_Info* p_endOfConstruct : 0x7f019f8b9290
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b9028
SgVariableSymbol* p_symbol : 0x32e83b0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbeb9d0
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 58:7
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f12c0e0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b9550
Sg_File_Info* p_endOfConstruct : 0x7f019f8b95a8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b92e8
SgVariableSymbol* p_symbol : 0x32e84d0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f12c148
SgLambdaCapture
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 59:7
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f15f010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b9ad0
Sg_File_Info* p_endOfConstruct : 0x7f019f8b9b28
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgExpression* p_capture_variable : 0x7f019fbeb38
SgExpression* p_source_closure_variable : 0
SgExpression* p_closure_variable : 0x7f019fbeb3a0
bool p_capture_by_reference : 0
bool p_implicit : 1
bool p_pack_expansion : 0

pointer:0x7f019f8beba38
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 41:4
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f12c148
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b9708
Sg_File_Info* p_endOfConstruct : 0x7f019f8b9760
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b94f8
SgVariableSymbol* p_symbol : 0x32e83e0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbebba0
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 59:7
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f12c148
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b9a20
Sg_File_Info* p_endOfConstruct : 0x7f019f8b9a78
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b97b8
SgVariableSymbol* p_symbol : 0x32e8500
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f12c1b0
SgLambdaCapture
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 60:7
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f15f010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b9fa0
Sg_File_Info* p_endOfConstruct : 0x7f019f8b9ff8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgExpression* p_capture_variable : 0x7f019fbabb08
SgExpression* p_source_closure_variable : 0
SgExpression* p_closure_variable : 0x7f019fbabb70
bool p_capture_by_reference : 0
bool p_implicit : 1
bool p_pack_expansion : 0

pointer:0x7f019fbabb08
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 41:4
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f12c1b0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b9bd8
Sg_File_Info* p_endOfConstruct : 0x7f019f8b9c30
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b99c8
SgVariableSymbol* p_symbol : 0x32e8410
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbabb70
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 60:7
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double *

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

SgNode* p_parent : 0x7f019f12c1b0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b9ef0
Sg_File_Info* p_endOfConstruct : 0x7f019f8b9f48
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8b9c88
SgVariableSymbol* p_symbol : 0x32e8530
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f9b3550
SgClassDeclaration
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 51:17
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: class____anonymous_0x306f950

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

SgNode* p_parent : 0x7f019ebd7010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8b5770
Sg_File_Info* p_endOfConstruct : 0x7f019f8b57c8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = true isFrien
bool p_nameOnly : 0
bool p_forward : 1
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019f9b3550
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgName p_name : ____anonymous_0x306f950
SgClassDeclaration::class_types p_class_type : 0
SgClassType* p_type : 0x7f019f974090
SgClassDefinition* p_definition : 0
SgScopeStatement* p_scope : 0x7f01a182f120
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_from_template : 0
bool p_fixupScope : 0
bool p_isUnNamed : 1
bool p_explicit_annotation_interface : 0
bool p_explicit_interface : 0
bool p_explicit_enum : 0
bool p_explicit_anonymous : 0
SgExprListExp* p_decoratorList : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
bool p_isAutonomousDeclaration : 1
bool p_isRepresentingTemplateParameterInTemplateDeclaration : 0

pointer:0x7f019eea93f0
SgMemberFunctionDeclaration
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 51:20
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L15R__L16R

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

SgNode* p_parent : 0x7f019ebd7010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bcc50
Sg_File_Info* p_endOfConstruct : 0x7f019f8ba0a8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0x7f019eea93f0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019eea9010
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgName p_name : operator()
SgFunctionParameterList* p_parameterList : 0x7f01a0823890
SgFunctionModifier p_functionModifier : <too long>: <too long>: SgFunctionModifier(isUnknown() = false isDefault() = true isInline()
SgSpecialFunctionModifier p_specialFunctionModifier : <too long>: <too long>: SgSpecialFunctionModifier(isUnknown() = false isDefault()
SgTypePtrList p_exceptionSpecification : []
bool p_named_in_end_statement : 0
std::string p_asm_name :
SgExprListExp* p_decoratorList : 0
SgFunctionType* p_type : 0x7f019f08e0b0
SgFunctionDefinition* p_definition : 0x7f019f22f140
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x7f019f8df140
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_requiresNameQualificationOnReturnType : 0
std::string p_gnu_extension_section :
std::string p_gnu_extension_alias :
SgDeclarationStatement::gnu_extension_visibility_attribute_enum p_gnu_extension_visibility : 1
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
int p_name_qualification_length_for_return_type : 0
bool p_type_elaboration_required_for_return_type : 0
bool p_global_qualification_required_for_return_type : 0
bool p_prototypelsWithoutParameters : 0
int p_gnu_regparm_attribute : -1
SgFunctionType* p_type_syntax : 0
bool p_type_syntax_is_available : 0
bool p_using_C11_Noreturn_keyword : 0
bool p_is_constexpr : 0
bool p_using_new_function_return_type_syntax : 0
SgFunctionParameterScope* p_functionParameterScope : 0
bool p_marked_as_edg_normalization : 0
SgCtorInitializerList* p_CtorInitializerList : 0x7f019ed87260
SgClassDeclaration* p_associatedClassDeclaration : 0x7f019f9b3a90

pointer:0x7f01a0823890
SgFunctionParameterList
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 51:20
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L16R

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

SgNode* p_parent : 0x7f019eea93f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8ba680
Sg_File_Info* p_endOfConstruct : 0x7f019f8ba6d8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = true isFrien
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f01a0823890
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgInitializedNamePtrList p_args : [0x7f01a03b2a28]

pointer:0x7f01a03b2a28
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 51:25
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0823890
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8ba3c0
Sg_File_Info* p_endOfConstruct : 0x7f019f8ba418
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : i
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a137b010
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019eea93f0
SgStorageModifier* p_storageModifier : 0x3253d68
SgScopeStatement* p_scope : 0x7f019f22f140
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f019f22f140
SgFunctionDefinition
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 52:4
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019eea93f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8ba470
Sg_File_Info* p_endOfConstruct : 0x7f019f8ba4c8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e5310
SgTypeTable* p_type_table : 0x25fe000
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgBasicBlock* p_body : 0x7f019fd54470
std::map<SgNode*,int> p_scope_number_list : []

pointer:0x7f019fd54470
SgBasicBlock
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 52:4
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f22f140
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8ba310
Sg_File_Info* p_endOfConstruct : 0x7f019f8ba368
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e51e0
SgTypeTable* p_type_table : 0x25fd8
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgStatementPtrList p_statements : [0x7f019fb85370, 0x7f019fb853d0, 0x7f019fb85430, 0x7f019fb85490]
std::string p_asm_function_body :

pointer:0x7f019fb85370
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 57:7
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54470
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bb078
Sg_File_Info* p_endOfConstruct : 0x7f019f8bb0d0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x305a170
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019ecb3010

pointer:0x7f019ecb3010
SgPlusAssignOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 57:13
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double

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

SgNode* p_parent : 0x7f019fb85370
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bafc8
Sg_File_Info* p_endOfConstruct : 0x7f019f8bb020
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bad60
SgExpression* p_lhs_operand_i : 0x7f019ecea010
SgExpression* p_rhs_operand_i : 0x7f019ed21080
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ecea010
SgPntrArrRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 57:9
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double

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

SgNode* p_parent : 0x7f019ecb3010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8baba8
Sg_File_Info* p_endOfConstruct : 0x7f019f8bac00
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 1
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8ba940
SgExpression* p_lhs_operand_i : 0x7f019ed21010
SgExpression* p_rhs_operand_i : 0x7f019f8bec40
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ed21010
SgArrowExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double *

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

SgNode* p_parent : 0x7f019ecea010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8ba998
Sg_File_Info* p_endOfConstruct : 0x7f019f8ba9f0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8ba730
SgExpression* p_lhs_operand_i : 0x7f019ed58010
SgExpression* p_rhs_operand_i : 0x7f019fbeb8d8
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ed58010
SgThisExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: class *

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

SgNode* p_parent : 0x7f019ed21010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8ba788
Sg_File_Info* p_endOfConstruct : 0x7f019f8ba7e0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8ba520
SgClassSymbol* p_class_symbol : 0x33008b0
int p_pobj_this : 0

pointer:0x7f019fbeb8d8
SgVarRefExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double *

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

SgNode* p_parent : 0x7f019ed21010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8ba890
Sg_File_Info* p_endOfConstruct : 0x7f019f8ba8e8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8ba578
SgVariableSymbol* p_symbol : 0x32e8470
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f8bebc40
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 57:10
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: int

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

SgNode* p_parent : 0x7f019ecea010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8baaa0
Sg_File_Info* p_endOfConstruct : 0x7f019f8baaf8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8ba838
SgVariableSymbol* p_symbol : 0x32e8560
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019ed21080
SgArrowExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double

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

SgNode* p_parent : 0x7f019ecb3010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8baec0
Sg_File_Info* p_endOfConstruct : 0x7f019f8baf18
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bac58
SgExpression* p_lhs_operand_i : 0x7f019ed58070
SgExpression* p_rhs_operand_i : 0x7f019fbebca8
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ed58070
SgThisExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: class *

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

SgNode* p_parent : 0x7f019ed21080
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bacb0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bad08
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8baa48
SgClassSymbol* p_class_symbol : 0x33008b0
int p_pobj_this : 0

pointer:0x7f019fbebca8
SgVarRefExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double

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

SgNode* p_parent : 0x7f019ed21080
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8badb8
Sg_File_Info* p_endOfConstruct : 0x7f019f8bae10
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bab50
SgVariableSymbol* p_symbol : 0x32e84a0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fb853d0
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 58:7
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54470
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bba70
Sg_File_Info* p_endOfConstruct : 0x7f019f8bbac8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019ec7c010

pointer:0x7f019ec7c010
SgMinusAssignOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 58:13
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double

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

SgNode* p_parent : 0x7f019fb853d0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bb9c0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bba18
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bb758
SgExpression* p_lhs_operand_i : 0x7f019ecea080
SgExpression* p_rhs_operand_i : 0x7f019ed21160
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ecea080
SgPntrArrRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 58:9
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double

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

SgNode* p_parent : 0x7f019ec7c010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bb5a0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bb5f8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 1
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bb338
SgExpression* p_lhs_operand_i : 0x7f019ed210f0
SgExpression* p_rhs_operand_i : 0x7f019fbedb78
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ed210f0
SgArrowExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double *

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

SgNode* p_parent : 0x7f019ecea080
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bb390
Sg_File_Info* p_endOfConstruct : 0x7f019f8bb3e8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bb128
SgExpression* p_lhs_operand_i : 0x7f019ed580d0
SgExpression* p_rhs_operand_i : 0x7f019fbedb10
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ed580d0
SgThisExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: class *

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

SgNode* p_parent : 0x7f019ed210f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bb180
Sg_File_Info* p_endOfConstruct : 0x7f019f8bb1d8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8baf70
SgClassSymbol* p_class_symbol : 0x33008b0
int p_pobj_this : 0

pointer:0x7f019fbed10
SgVarRefExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double *

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

SgNode* p_parent : 0x7f019ed210f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bb288
Sg_File_Info* p_endOfConstruct : 0x7f019f8bb2e0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bae68
SgVariableSymbol* p_symbol : 0x32e84d0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbed78
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 58:10
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: int

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

SgNode* p_parent : 0x7f019ecea080
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bb498
Sg_File_Info* p_endOfConstruct : 0x7f019f8bb4f0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bb230
SgVariableSymbol* p_symbol : 0x32e8560
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019ed21160
SgArrowExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double

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

SgNode* p_parent : 0x7f019ec7c010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bb8b8
Sg_File_Info* p_endOfConstruct : 0x7f019f8bb910
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bb650
SgExpression* p_lhs_operand_i : 0x7f019ed58130
SgExpression* p_rhs_operand_i : 0x7f019fbebde0
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ed58130
SgThisExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: class *

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

SgNode* p_parent : 0x7f019ed21160
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bb6a8
Sg_File_Info* p_endOfConstruct : 0x7f019f8bb700
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bb440
SgClassSymbol* p_class_symbol : 0x33008b0
int p_pobj_this : 0

pointer:0x7f019fbebde0
SgVarRefExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double

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

SgNode* p_parent : 0x7f019ed21160
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bb7b0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bb808
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bb548
SgVariableSymbol* p_symbol : 0x32e84a0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fb85430
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 59:7
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54470
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bc468
Sg_File_Info* p_endOfConstruct : 0x7f019f8bc4c0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019ec45010

pointer:0x7f019ec45010
SgMultAssignOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 59:13
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double

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

SgNode* p_parent : 0x7f019fb85430
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bc3b8
Sg_File_Info* p_endOfConstruct : 0x7f019f8bc410
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bc150
SgExpression* p_lhs_operand_i : 0x7f019ecea0f0
SgExpression* p_rhs_operand_i : 0x7f019ed21240
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ecea0f0
SgPntrArrRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 59:9
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double

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

SgNode* p_parent : 0x7f019ec45010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bbf98
Sg_File_Info* p_endOfConstruct : 0x7f019f8bbff0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 1
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bbd30
SgExpression* p_lhs_operand_i : 0x7f019ed211d0
SgExpression* p_rhs_operand_i : 0x7f019f8bebeb0
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ed211d0
SgArrowExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double *

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

SgNode* p_parent : 0x7f019ecea0f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bbd88
Sg_File_Info* p_endOfConstruct : 0x7f019f8bbde0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bbb20
SgExpression* p_lhs_operand_i : 0x7f019ed58190
SgExpression* p_rhs_operand_i : 0x7f019fbebe48
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ed58190
SgThisExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: class *

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

SgNode* p_parent : 0x7f019ed211d0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bbb78
Sg_File_Info* p_endOfConstruct : 0x7f019f8bbbd0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bb968
SgClassSymbol* p_class_symbol : 0x33008b0
int p_pobj_this : 0

pointer:0x7f019fbebe48
SgVarRefExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double *

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

SgNode* p_parent : 0x7f019ed211d0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bbc80
Sg_File_Info* p_endOfConstruct : 0x7f019f8bbcd8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bb860
SgVariableSymbol* p_symbol : 0x32e8500
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f8bebeb0
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 59:10
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: int

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

SgNode* p_parent : 0x7f019ecea0f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bbe90
Sg_File_Info* p_endOfConstruct : 0x7f019f8bbee8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bbc28
SgVariableSymbol* p_symbol : 0x32e8560
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019ed21240
SgArrowExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double

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

SgNode* p_parent : 0x7f019ec45010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bc2b0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bc308
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bc048
SgExpression* p_lhs_operand_i : 0x7f019ed581f0
SgExpression* p_rhs_operand_i : 0x7f019f8bebf18
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ed581f0
SgThisExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: class *

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

SgNode* p_parent : 0x7f019ed21240
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bc0a0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bc0f8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bbe38
SgClassSymbol* p_class_symbol : 0x33008b0
int p_pobj_this : 0

pointer:0x7f019fbeb18
SgVarRefExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double

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

SgNode* p_parent : 0x7f019ed21240
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bc1a8
Sg_File_Info* p_endOfConstruct : 0x7f019f8bc200
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bbf40
SgVariableSymbol* p_symbol : 0x32e84a0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fb85490
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 60:7
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54470
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bce60
Sg_File_Info* p_endOfConstruct : 0x7f019f8bceb8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019ec0e010

pointer:0x7f019ec0e010
SgDivAssignOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 60:13
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double

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

SgNode* p_parent : 0x7f019fb85490
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bcd0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bce08
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bcb48
SgExpression* p_lhs_operand_i : 0x7f019ecea160
SgExpression* p_rhs_operand_i : 0x7f019ed21320
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ecea160
SgPntrArrRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 60:9
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double

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

SgNode* p_parent : 0x7f019ec0e010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bc990
Sg_File_Info* p_endOfConstruct : 0x7f019f8bc9e8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 1
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bc728
SgExpression* p_lhs_operand_i : 0x7f019ed212b0
SgExpression* p_rhs_operand_i : 0x7f019fbebfe8
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ed212b0
SgArrowExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double *

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

SgNode* p_parent : 0x7f019ecea160
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bc780
Sg_File_Info* p_endOfConstruct : 0x7f019f8bc7d8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bc518
SgExpression* p_lhs_operand_i : 0x7f019ed58250
SgExpression* p_rhs_operand_i : 0x7f019fbeb80
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ed58250
SgThisExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: class *

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

SgNode* p_parent : 0x7f019ed212b0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bc570
Sg_File_Info* p_endOfConstruct : 0x7f019f8bc5c8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bc360
SgClassSymbol* p_class_symbol : 0x33008b0
int p_pobj_this : 0

pointer:0x7f019fbeb80
SgVarRefExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double *

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

SgNode* p_parent : 0x7f019ed212b0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bc678
Sg_File_Info* p_endOfConstruct : 0x7f019f8bc6d0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bc258
SgVariableSymbol* p_symbol : 0x32e8530
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbebfe8
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 60:10
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: int

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

SgNode* p_parent : 0x7f019ecea160
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bc888
Sg_File_Info* p_endOfConstruct : 0x7f019f8bc8e0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bc620
SgVariableSymbol* p_symbol : 0x32e8560
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019ed21320
SgArrowExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double

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

SgNode* p_parent : 0x7f019ec0e010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bcca8
Sg_File_Info* p_endOfConstruct : 0x7f019f8bcd00
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bca40
SgExpression* p_lhs_operand_i : 0x7f019ed582b0
SgExpression* p_rhs_operand_i : 0x7f019fbec050
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019ed582b0
SgThisExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: class *

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

SgNode* p_parent : 0x7f019ed21320
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bca98
Sg_File_Info* p_endOfConstruct : 0x7f019f8bcaf0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bc830
SgClassSymbol* p_class_symbol : 0x33008b0
int p_pobj_this : 0

pointer:0x7f019fbec050
SgVarRefExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: double

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

SgNode* p_parent : 0x7f019ed21320
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bcba0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bcbf8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bc938
SgVariableSymbol* p_symbol : 0x32e84a0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019ed87260
SgCtorInitializerList
NULL_FILE 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Declaration mangled name: L8R_constructor_initialization_list_

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

SgNode* p_parent : 0x7f019eea93f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8ba5d0
Sg_File_Info* p_endOfConstruct : 0x7f019f8ba628
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = true isFriend() = false)
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0x7f019ed87260
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019ed87260
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgInitializedNamePtrList p_ctors : []

pointer:0x7f019fb854f0
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 64:4
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54358
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bd750
Sg_File_Info* p_endOfConstruct : 0x7f019f8bd7a8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0x3061110
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019fbb40f0

pointer:0x7f019fb854f0
SgFunctionCallExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 64:40
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: void

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

SgNode* p_parent : 0x7f019fb854f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bd6a0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bd6f8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bd438
SgExpression* p_function : 0x7f019eba0010
SgExprListExp* p_args : 0x7f019fc1e148
SgType* p_expression_type : 0x7f01a127b590
bool p_uses_operator_syntax : 0

pointer:0x7f019eba0010
SgFunctionRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 64:4
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: void(::RAJA::Index_type, ::RAJA::Index_type, class)

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

SgNode* p_parent : 0x7f019fbb40f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bd178
Sg_File_Info* p_endOfConstruct : 0x7f019f8bd1d0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8ba050
SgFunctionSymbol* p_symbol_i : 0x317f5d0
SgFunctionType* p_function_type : 0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fc1e148
SgExprListExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: int

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

SgNode* p_parent : 0x7f019fbb40f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bd598
Sg_File_Info* p_endOfConstruct : 0x7f019f8bd5f0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bd330
SgExpressionPtrList p_expressions : [0x7f019fbec0b8, 0x7f019fbec120, 0x7f019fbec188]

pointer:0x7f019fbec0b8
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 64:41
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019fc1e148
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bd280
Sg_File_Info* p_endOfConstruct : 0x7f019f8bd2d8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bd0c8
SgVariableSymbol* p_symbol : 0x32e82f0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbec120
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 64:48
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019fc1e148
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bd388
Sg_File_Info* p_endOfConstruct : 0x7f019f8bd3e0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bd120
SgVariableSymbol* p_symbol : 0x32e8320
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbec188
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 64:53
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type:

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

SgNode* p_parent : 0x7f019fc1e148
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bd490
Sg_File_Info* p_endOfConstruct : 0x7f019f8bd4e8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bd228
SgVariableSymbol* p_symbol : 0x32e8440
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f2c4850
SgTemplateInstantiationFunctionDecl
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L17R

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

SgNode* p_parent : 0x7f01a182f120
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bd858
Sg_File_Info* p_endOfConstruct : 0x7f019f8bd800
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0x7f019f2c4850
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019f2c4430
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgName p_name : forall < >
SgFunctionParameterList* p_parameterList : 0x7f01a0823d30
SgFunctionModifier p_functionModifier : <too long>: <too long>: SgFunctionModifier(isUnknown() = false isDefault() = true isInline()
SgSpecialFunctionModifier p_specialFunctionModifier : <too long>: <too long>: SgSpecialFunctionModifier(isUnknown() = false isDefault()
SgTypePtrList p_exceptionSpecification : []
bool p_named_in_end_statement : 0
std::string p_asm_name :
SgExprListExp* p_decoratorList : 0
SgFunctionType* p_type : 0x7f01a127b6b0
SgFunctionDefinition* p_definition : 0x7f019f22f270
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x7f01a01fe010
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_requiresNameQualificationOnReturnType : 0
std::string p_gnu_extension_section :
std::string p_gnu_extension_alias :
SgDeclarationStatement::gnu_extension_visability_attribute_enum p_gnu_extension_visability : 1
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
int p_name_qualification_length_for_return_type : 0
bool p_type_elaboration_required_for_return_type : 0
bool p_global_qualification_required_for_return_type : 0
bool p_prototypelsWithoutParameters : 0
int p_gnu_regparm_attribute : -1
SgFunctionType* p_type_syntax : 0
bool p_type_syntax_is_available : 0
bool p_using_C11_Noreturn_keyword : 0
bool p_is_constexpr : 0
bool p_using_new_function_return_type_syntax : 0
SgFunctionParameterScope* p_functionParameterScope : 0
bool p_marked_as_edg_normalization : 0
SgName p_templateName : forall
SgTemplateFunctionDeclaration* p_templateDeclaration : 0x7f019fddd870
SgTemplateArgumentPtrList p_templateArguments : [0x7f019ffe9218]
bool p_nameResetFromMangledForm : 1
bool p_nameResetFromMangledForm : 1

pointer:0x7f01a0823d30
SgFunctionParameterList
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L18R

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

SgNode* p_parent : 0x7f019f2c4850
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8be0f0
Sg_File_Info* p_endOfConstruct : 0x7f019f8be148
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = true isFrien
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f01a0823d30
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgInitializedNamePtrList p_args : [0x7f01a03b3090, 0x7f01a03b31d8, 0x7f01a03b3320, 0x7f01a03b3468]

pointer:0x7f01a03b3090
SgInitializedName
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0823d30
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bdcd0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bdd28
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name :
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f019f974010
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f2c4850
SgStorageModifier* p_storageModifier : 0x3253e30
SgScopeStatement* p_scope : 0x7f019f22f270
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b31d8
SgInitializedName
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0823d30
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bdd80
Sg_File_Info* p_endOfConstruct : 0x7f019f8bdd8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : begin
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a1514550
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f2c4850
SgStorageModifier* p_storageModifier : 0x3253e58
SgScopeStatement* p_scope : 0x7f019f22f270
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b3320
SgInitializedName
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0823d30
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bde30
Sg_File_Info* p_endOfConstruct : 0x7f019f8bde88
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : end
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a1514550
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f2c4850
SgStorageModifier* p_storageModifier : 0x3253e80
SgScopeStatement* p_scope : 0x7f019f22f270
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b3468
SgInitializedName
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0823d30
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bdee0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bdf38
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : loop_body
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f019f974090
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f2c4850
SgStorageModifier* p_storageModifier : 0x3253ea8
SgScopeStatement* p_scope : 0x7f019f22f270
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f019f22f270
SgFunctionDefinition
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f2c4850
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bdf90
Sg_File_Info* p_endOfConstruct : 0x7f019f8bdf8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e5570
SgTypeTable* p_type_table : 0x25fe050
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgBasicBlock* p_body : 0x7f019fd54588
std::map<SgNode*,int> p_scope_number_list : []

pointer:0x7f019fd54588
SgBasicBlock
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f22f270
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bdc20
Sg_File_Info* p_endOfConstruct : 0x7f019f8bdc78
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e5440
SgTypeTable* p_type_table : 0x25fe028
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgStatementPtrList p_statements : [0x7f019fb85550, 0x7f019ea62010, 0x7f019f7fb138, 0x7f019fb85670]
std::string p_asm_function_body :

pointer:0x7f019fb85550
SgExprStatement
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54588
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8be2a8
Sg_File_Info* p_endOfConstruct : 0x7f019f8be300
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019f88c0b0

pointer:0x7f019f88c0b0
SgNullExpression
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: int

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

SgNode* p_parent : 0x7f019fb85550
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8be1f8
Sg_File_Info* p_endOfConstruct : 0x7f019f8be250
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8be040

pointer:0x7f019ea62010
SgPragmaDeclaration
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: pragma_statement

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

SgNode* p_parent : 0x7f019fd54588
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8be408
Sg_File_Info* p_endOfConstruct : 0x7f019f8be460
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = true isFrien
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0x7f019ea62010
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019ea62010
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgPragma* p_pragma : 0x7f019eb7c010

pointer:0x7f019eb7c010
SgPragma

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

SgNode* p_parent : 0x7f019ea62010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
std::string p_name : novector
Sg_File_Info* p_startOfConstruct : 0x7f019f8be098
Sg_File_Info* p_endOfConstruct : 0x7f019f8be1a0
short p_printed : 0
AstAttributeMechanism* p_attributeMechanism : 0

pointer:0x7f019f7fb138
SgForStatement
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54588
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bf6f0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bf748
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e56a0
SgTypeTable* p_type_table : 0x25fe078
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgForInitStatement* p_for_init_stmt : 0x7f019f7c40f0
SgStatement* p_test : 0x7f019fb855b0
SgExpression* p_increment : 0x7f019f4c8078
SgStatement* p_loop_body : 0x7f019fd546a0
SgStatement* p_else_body : 0
std::string p_string_label :

pointer:0x7f019f7c40f0
SgForInitStatement
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f7fb138
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8be8d8
Sg_File_Info* p_endOfConstruct : 0x7f019f8be930
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgStatementPtrList p_init_stmt : [0x7f019f684c40]

pointer:0x7f019f684c40
SgVariableDeclaration
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: _variable_declaration__variable_type_L5R_variable_name_L17R__scope_____SgSS2_____scope_____SgSS3_____

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

SgNode* p_parent : 0x7f019f7c40f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8be618
Sg_File_Info* p_endOfConstruct : 0x7f019f8be670
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 1
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019f684c40
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgDeclarationStatement* p_baseTypeDefiningDeclaration : 0
SgInitializedNamePtrList p_variables : [0x7f01a03b35b0]
bool p_variableDeclarationContainsBaseTypeDefiningDeclaration : 0
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_requiresGlobalNameQualificationOnType : 0
std::string p_gnu_extension_section :
std::string p_gnu_extension_alias :
unsigned short p_gnu_extension_initialization_priority : 0
SgDeclarationStatement::gnu_extension_visibility_attribute_enum p_gnu_extension_visibility : 0
SgVariableDeclaration::gnu_extension_declaration_attributes_enum p_gnu_extension_declaration_attribute : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
bool p_isAssociatedWithDeclarationList : 0
bool p_isFirstDeclarationOfDeclarationList : 1
bool p_is_thread_local : 0
bool p_is_constexpr : 0

pointer:0x7f01a03b35b0
SgInitializedName
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f684c40
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8be5c0
Sg_File_Info* p_endOfConstruct : 0x7f019f8be568
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : ii
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a1514550
SgInitializer* p_initptr : 0x7f019f5320e0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f566928
SgStorageModifier* p_storageModifier : 0x3253ed0
SgScopeStatement* p_scope : 0x7f019f7fb138
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 2
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f019f5320e0
SgAssignInitializer
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f01a03b35b0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8be828
Sg_File_Info* p_endOfConstruct : 0x7f019f8be7d0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8be510
bool p_is_explicit_cast : 1
bool p_is_braced_initialized : 0
SgExpression* p_operand_i : 0x7f019f8bec1f0
SgType* p_expression_type : 0

pointer:0x7f019fbec1f0
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:29
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019f5320e0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8be720
Sg_File_Info* p_endOfConstruct : 0x7f019f8be778
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8be4b8
SgVariableSymbol* p_symbol : 0x32e85c0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fb855b0
SgExprStatement
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f7fb138
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8beca0
Sg_File_Info* p_endOfConstruct : 0x7f019f8becf8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019f4fb080

pointer:0x7f019f4fb080
SgLessThanOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:39
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: bool

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

SgNode* p_parent : 0x7f019fb855b0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bebf0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bec48
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8be988
SgExpression* p_lhs_operand_i : 0x7f019fbec258
SgExpression* p_rhs_operand_i : 0x7f019fbec2c0
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019fbec258
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:36
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019f4fb080
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8be9e0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bea38
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8be880
SgVariableSymbol* p_symbol : 0x32e8650
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbec2c0
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:41
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019f4fb080
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8beae8
Sg_File_Info* p_endOfConstruct : 0x7f019f8beb40
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8be6c8
SgVariableSymbol* p_symbol : 0x32e85f0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019f4c8078
SgPlusPlusOp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:46
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019f7fb138
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8beeb0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bef08
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bea90
SgExpression* p_operand_i : 0x7f019fbec328
SgType* p_expression_type : 0
SgUnaryOp::Sgop_mode p_mode : 0

pointer:0x7f019fbec328
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 28:49
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019f4c8078
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8beda8
Sg_File_Info* p_endOfConstruct : 0x7f019f8bee00
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 1
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8beb98
SgVariableSymbol* p_symbol : 0x32e8650
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fd546a0
SgBasicBlock
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f7fb138
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bef60
Sg_File_Info* p_endOfConstruct : 0x7f019f8befb8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e57d0
SgTypeTable* p_type_table : 0x25fe0a0
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgStatementPtrList p_statements : [0x7f019fb85610]
std::string p_asm_function_body :

pointer:0x7f019fb85610
SgExprStatement
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd546a0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bf640
Sg_File_Info* p_endOfConstruct : 0x7f019f8bf698
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019fbb4160

pointer:0x7f019fb85610
SgFunctionCallExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 29:19
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: void

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

SgNode* p_parent : 0x7f019fb85610
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bf590
Sg_File_Info* p_endOfConstruct : 0x7f019f8bf5e8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bf328
SgExpression* p_function : 0x7f019e9f0010
SgExprListExp* p_args : 0x7f019fc1e1b0
SgType* p_expression_type : 0x7f019f08e0b0
bool p_uses_operator_syntax : 1

pointer:0x7f019e9f0010
SgDotExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: void(int)

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

SgNode* p_parent : 0x7f019fbb4160
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bf488
Sg_File_Info* p_endOfConstruct : 0x7f019f8bf4e0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bf220
SgExpression* p_lhs_operand_i : 0x7f019fbec390
SgExpression* p_rhs_operand_i : 0x7f019ea27010
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x7f019fbec390
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 29:9
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: class

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

SgNode* p_parent : 0x7f019e9f0010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bf170
Sg_File_Info* p_endOfConstruct : 0x7f019f8bf1c8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bf010
SgVariableSymbol* p_symbol : 0x32e8620
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019ea27010
SgMemberFunctionRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 29:19
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: void(int)

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

SgNode* p_parent : 0x7f019e9f0010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bf068
Sg_File_Info* p_endOfConstruct : 0x7f019f8bf0c0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bee58
SgMemberFunctionSymbol* p_symbol_i : 0x331f3c0
int p_virtual_call : 0
SgFunctionType* p_function_type : 0
int p_need_qualifier : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fc1e1b0
SgExprListExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: int

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

SgNode* p_parent : 0x7f019fbb4160
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bf380
Sg_File_Info* p_endOfConstruct : 0x7f019f8bf3d8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bed50
SgExpressionPtrList p_expressions : [0x7f019fbec3f8]

pointer:0x7f019fbec3f8
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 29:21
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019fc1e1b0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bf278
Sg_File_Info* p_endOfConstruct : 0x7f019f8bf2d0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 1
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bf118
SgVariableSymbol* p_symbol : 0x32e8650
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fb85670
SgExprStatement
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd54588
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bf8a8
Sg_File_Info* p_endOfConstruct : 0x7f019f8bf900
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019f88c100

pointer:0x7f019f88c100
SgNullExpression
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: int

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

SgNode* p_parent : 0x7f019fb85670
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bf7f8
Sg_File_Info* p_endOfConstruct : 0x7f019f8bf850
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bf430

pointer:0x7f019f2c4c70
SgTemplateInstantiationFunctionDecl
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L13R

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

SgNode* p_parent : 0x7f01a182f120
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bf7a0
Sg_File_Info* p_endOfConstruct : 0x7f019f8bf538
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = false isFrie
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0x7f019f2c4c70
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f019f2c4010
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgName p_name : forall < seq_exec , >
SgFunctionParameterList* p_parameterList : 0x7f01a0823f80
SgFunctionModifier p_functionModifier : <too long>: <too long>: SgFunctionModifier(isUnknown() = false isDefault() = true isInline()
SgSpecialFunctionModifier p_specialFunctionModifier : <too long>: <too long>: SgSpecialFunctionModifier(isUnknown() = false isDefault()
SgTypePtrList p_exceptionSpecification : []
bool p_named_in_end_statement : 0
std::string p_asm_name :
SgExprListExp* p_decoratorList : 0
SgFunctionType* p_type : 0x7f01a127b590
SgFunctionDefinition* p_definition : 0x7f019f22f3a0
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x7f01a01fe010
SgDeclarationStatement::template_specialization_enum p_specialization : 1
bool p_requiresNameQualificationOnReturnType : 0
std::string p_gnu_extension_section :
std::string p_gnu_extension_alias :
SgDeclarationStatement::gnu_extension_visability_attribute_enum p_gnu_extension_visability : 1
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0
int p_name_qualification_length_for_return_type : 0
bool p_type_elaboration_required_for_return_type : 0
bool p_global_qualification_required_for_return_type : 0
bool p_prototypelsWithoutParameters : 0
int p_gnu_regparm_attribute : -1
SgFunctionType* p_type_syntax : 0
bool p_type_syntax_is_available : 0
bool p_using_C11_Noreturn_keyword : 0
bool p_is_constexpr : 0
bool p_using_new_function_return_type_syntax : 0
SgFunctionParameterScope* p_functionParameterScope : 0
bool p_marked_as_edg_normalization : 0
SgName p_templateName : forall
SgTemplateFunctionDeclaration* p_templateDeclaration : 0x7f019fddd010
SgTemplateArgumentPtrList p_templateArguments : [0x7f019ffe9148, 0x7f019ffe91b0]
bool p_nameResetFromMangledForm : 1
bool p_nameResetFromMangledForm : 1

pointer:0x7f01a0823f80
SgFunctionParameterList
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: L14R

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

SgNode* p_parent : 0x7f019f2c4c70
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bfd78
Sg_File_Info* p_endOfConstruct : 0x7f019f8bfdd0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = true isFriend
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7f01a0823f80
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgInitializedNamePtrList p_args : [0x7f01a03b36f8, 0x7f01a03b3840, 0x7f01a03b3988]

pointer:0x7f01a03b36f8
SgInitializedName
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0823f80
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bfa08
Sg_File_Info* p_endOfConstruct : 0x7f019f8bfa60
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : begin
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a1514550
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f2c4c70
SgStorageModifier* p_storageModifier : 0x3253ef8
SgScopeStatement* p_scope : 0x7f019f22f3a0
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b3840
SgInitializedName
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0823f80
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bfab8
Sg_File_Info* p_endOfConstruct : 0x7f019f8bfb10
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : end
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f01a1514550
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f2c4c70
SgStorageModifier* p_storageModifier : 0x3253f20
SgScopeStatement* p_scope : 0x7f019f22f3a0
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f01a03b3988
SgInitializedName
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f01a0823f80
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bfb68
Sg_File_Info* p_endOfConstruct : 0x7f019f8bfbc0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : loop_body
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x7f019f974090
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7f019f2c4c70
SgStorageModifier* p_storageModifier : 0x3253f48
SgScopeStatement* p_scope : 0x7f019f22f3a0
SgInitializedName::preinitialization_enum p_preinitialization : 0
bool p_isCoArray : 0
SgInitializedName::asm_register_name_enum p_register_name_code : 0
SgInitializedName::excess_specifier_enum p_excess_specifier : 0
std::string p_register_name_string :
bool p_requiresGlobalNameQualificationOnType : 0
bool p_shapeDeferred : 0
bool p_initializationDeferred : 0
SgBitVector p_gnu_attribute_modifierVector : [F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F, F]
unsigned long int p_gnu_attribute_initialization_priority : 0
std::string p_gnu_attribute_named_weak_reference :
std::string p_gnu_attribute_named_alias :
std::string p_gnu_attribute_cleanup_function :
std::string p_gnu_attribute_section_name :
int p_gnu_attribute_alignment : -1
SgDeclarationModifier::gnu_declaration_visability_enum p_gnu_attribute_visability : 0
bool p_protected_declaration : 0
int p_name_qualification_length_for_type : 0
bool p_type_elaboration_required_for_type : 0
bool p_global_qualification_required_for_type : 0
bool p_hasArrayTypeWithEmptyBracketSyntax : 0
bool p_using_C11_Alignas_keyword : 0
SgNode* p_constant_or_type_argument_for_Alignas_keyword : 0
bool p_using_auto_keyword : 0
bool p_using_device_keyword : 0
bool p_is_braced_initialized : 0

pointer:0x7f019f22f3a0
SgFunctionDefinition
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f2c4c70
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bfc18
Sg_File_Info* p_endOfConstruct : 0x7f019f8bfc70
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e5a30
SgTypeTable* p_type_table : 0x25fe0f0
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgBasicBlock* p_body : 0x7f019fd547b8
std::map<SgNode*,int> p_scope_number_list : []

pointer:0x7f019fd547b8
SgBasicBlock
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019f22f3a0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bf958
Sg_File_Info* p_endOfConstruct : 0x7f019f8bf9b0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgSymbolTable* p_symbol_table : 0x7f01a17e5900
SgTypeTable* p_type_table : 0x25fe0c8
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgStatementPtrList p_statements : [0x7f019fb856d0]
std::string p_asm_function_body :

pointer:0x7f019fb856d0
SgExprStatement
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7f019fd547b8
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8c0668
Sg_File_Info* p_endOfConstruct : 0x7f019f8c06c0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : -1
SgExpression* p_expression : 0x7f019fbb41d0

pointer:0x7f019fbb41d0
SgFunctionCallExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 13:14
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: void

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

SgNode* p_parent : 0x7f019fb856d0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8c05b8
Sg_File_Info* p_endOfConstruct : 0x7f019f8c0610
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8c0350
SgExpression* p_function : 0x7f019eba0080
SgExprListExp* p_args : 0x7f019fc1e280
SgType* p_expression_type : 0x7f01a127b6b0
bool p_uses_operator_syntax : 0

pointer:0x7f019eba0080
SgFunctionRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 13:7
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: void(struct ::RAJA::seq_exec, ::RAJA::Index_type, ::RAJA::Index_type, class)

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

SgNode* p_parent : 0x7f019fbb41d0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bfe80
Sg_File_Info* p_endOfConstruct : 0x7f019f8bfed8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bfcc8
SgFunctionSymbol* p_symbol_i : 0x317f630
SgFunctionType* p_function_type : 0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fc1e280
SgExprListExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: int

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

SgNode* p_parent : 0x7f019fbb41d0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8c04b0
Sg_File_Info* p_endOfConstruct : 0x7f019f8c0508
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8c0248
SgExpressionPtrList p_expressions : [0x7f019fc51090, 0x7f019fbec460, 0x7f019fbec4c8, 0x7f019fbec530]

pointer:0x7f019fc51090
SgConstructorInitializer
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 13:16
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: struct ::RAJA::seq_exec

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

SgNode* p_parent : 0x7f019fc1e280
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8c0038
Sg_File_Info* p_endOfConstruct : 0x7f019f8bff88
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8c00e8
bool p_is_explicit_cast : 1
bool p_is_braced_initialized : 0
SgMemberFunctionDeclaration* p_declaration : 0
SgExprListExp* p_args : 0x7f019fc1e218
SgType* p_expression_type : 0x7f019f974010
bool p_need_name : 1
bool p_need_qualifier : 0
bool p_need_parenthesis_after_name : 1
bool p_associated_class_unknown : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fc1e218
SgExprListExp
compilerGenerated 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: int

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

SgNode* p_parent : 0x7f019fc51090
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8bff30
Sg_File_Info* p_endOfConstruct : 0x7f019f8bfe28
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bffe0
SgExpressionPtrList p_expressions : []

pointer:0x7f019fbec460
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 13:33
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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SgNode* p_parent : 0x7f019fc1e280
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8c0198
Sg_File_Info* p_endOfConstruct : 0x7f019f8c01f0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8c0090
SgVariableSymbol* p_symbol : 0x32e8680
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbec4c8
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 13:40
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: ::RAJA::Index_type

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

SgNode* p_parent : 0x7f019fc1e280
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8c02a0
Sg_File_Info* p_endOfConstruct : 0x7f019f8c02f8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8bfd20
SgVariableSymbol* p_symbol : 0x32e86b0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x7f019fbec530
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/indirectLambdaCall.cxx 13:45
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: class

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

SgNode* p_parent : 0x7f019fc1e280
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7f019f8c03a8
Sg_File_Info* p_endOfConstruct : 0x7f019f8c0400
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
bool p_need_paren : 0
bool p_lvalue : 0
bool p_global_qualified_name : 0
Sg_File_Info* p_operatorPosition : 0x7f019f8c0140
SgVariableSymbol* p_symbol : 0x32e86e0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

