

pointer:0x7fb8efd44010
SgSourceFile

root node

SgNode* p_parent : 0x20ec2f0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef7068
SgStringList p_originalCommandLineArgumentList : [pdfGenerator, -c, subroutine1.f]
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 : 0
bool p_C11_only : 0
bool p_C11_gnu_only : 0
bool p_Cxx0x_only : 0
bool p_Cxx11_only : 0
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 : 1
bool p_F77_only : 1
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 : 1
SgFile::outputFormatOption_enum p_outputFormat : 1
SgFile::outputFormatOption_enum p_backendCompileFormat : 1
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:0x7fb8efe72120
SgGlobal
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 1:0
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7fb8efd44010
bool p_isModified : 1
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef70c0
Sg_File_Info* p_endOfConstruct : 0x7fb8efef7118
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : 0
SgSymbolTable* p_symbol_table : 0x7fb8efe27140
SgTypeTable* p_type_table : 0x2126d38
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgDeclarationStatementPtrList p_declarations : [0x7fb81fe1b010]

pointer:0x7fb81fe1b010
SgProcedureHeaderStatement
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 1:6
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: OUT__1__11773____Fb_v_Gb____Fe____L0R

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SgNode* p_parent : 0x7fb8efe72120
bool p_isModified : 1
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef7170
Sg_File_Info* p_endOfConstruct : 0x7fb8efef71c8
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 : 0x7fb81fe1b010
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgName p_name : OUT__1__11773____
SgFunctionParameterList* p_parameterList : 0x7fb81fcf9010
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 : 0x327a0c0
SgFunctionDefinition* p_definition : 0x339f080
bool p_oldStyleDefinition : 0
SgScopeStatement* p_scope : 0x7fb8efe72120
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
SgProcedureHeaderStatement::subprogram_kind_enum p_subprogram_kind : 2
SgLabelRefExp* p_end_numeric_label : 0
SgInitializedName* p_result_name : 0x346e4f8

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pointer:0x346e120
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 2:17
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7fb81fbb8010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef76f0
Sg_File_Info* p_endOfConstruct : 0x7fb8efef7748
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : N
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x3433790
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0x346e120
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7fb81fa9a010
SgStorageModifier* p_storageModifier : 0x350e3b0
SgScopeStatement* p_scope : 0x339f080
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:0x346e268
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 3:40
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7fb81fbb82a0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef7c18
Sg_File_Info* p_endOfConstruct : 0x7fb8efef7c70
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : array
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x3666030
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0x346e268
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7fb81fa9a258
SgStorageModifier* p_storageModifier : 0x350e3d8
SgScopeStatement* p_scope : 0x339f080
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:0x346e3b0
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 4:17
IsTransformation:0
IsOutputInCodeGeneration:0

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SgNode* p_parent : 0x7fb81fbb8530
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef7e28
Sg_File_Info* p_endOfConstruct : 0x7fb8efef7e80
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : l
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x3433790
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0x346e3b0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7fb81fa9a4a0
SgStorageModifier* p_storageModifier : 0x350e400
SgScopeStatement* p_scope : 0x339f080
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:0x339f080
SgFunctionDefinition
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 0:0
IsTransformation:0
IsOutputInCodeGeneration:1

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SgNode* p_parent : 0x7fb81fe1b010
bool p_isModified : 1
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef74e0
Sg_File_Info* p_endOfConstruct : 0x7fb8efef7538
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : 3
SgSymbolTable* p_symbol_table : 0x7fb8efe27438
SgTypeTable* p_type_table : 0x2126db0
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgBasicBlock* p_body : 0x33164f0
std::map<SgNode*,int> p_scope_number_list : []

pointer:0x33164f0
SgBasicBlock
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 0:0
IsTransformation:0
IsOutputInCodeGeneration:1

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SgNode* p_parent : 0x339f080
bool p_isModified : 1
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef7590
Sg_File_Info* p_endOfConstruct : 0x7fb8efef75e8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0x379aaa0
int p_source_sequence_value : 4
SgSymbolTable* p_symbol_table : 0x7fb8efe27308
SgTypeTable* p_type_table : 0x2126d88
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgStatementPtrList p_statements : [0x7fb81fbb8010, 0x7fb81fbb82a0, 0x7fb81fbb8530, 0x36e3050]
std::string p_asm_function_body :

pointer:0x7fb81fbb8010
SgVariableDeclaration
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 2:17
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: _variable_declaration__variable_type_i_variable_name_OUT__1__11773_____Fb_v_Gb____Fe____L0R__sco

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

SgNode* p_parent : 0x33164f0
bool p_isModified : 1
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef7640
Sg_File_Info* p_endOfConstruct : 0x7fb8efef7698
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : 5
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 : 0x7fb81fbb8010
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgDeclarationStatement* p_baseTypeDefiningDeclaration : 0
SgInitializedNamePtrList p_variables : [0x346e120]
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 : 1
SgVariableDeclaration::gnu_extension_declaration_attributes_enum p_gnu_extension_declaration_attribute : 1
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:0x346e120
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 2:17
IsTransformation:0
IsOutputInCodeGeneration:0

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SgNode* p_parent : 0x7fb81fbb8010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef76f0
Sg_File_Info* p_endOfConstruct : 0x7fb8efef7748
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : N
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x3433790
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0x346e120
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7fb81fa9a010
SgStorageModifier* p_storageModifier : 0x350e3b0
SgScopeStatement* p_scope : 0x339f080
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:0x7fb81fbb82a0
SgVariableDeclaration
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 3:40
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: __variable_declaration__variable_type__Ab_d_index_unnamed_index_Ae__variable_name_OUT__1__11773_

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

SgNode* p_parent : 0x33164f0
bool p_isModified : 1
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef7a60
Sg_File_Info* p_endOfConstruct : 0x7fb8efef7ab8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : 6
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 : 0x7fb81fbb82a0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgDeclarationStatement* p_baseTypeDefiningDeclaration : 0
SgInitializedNamePtrList p_variables : [0x346e268]
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 : 1
SgVariableDeclaration::gnu_extension_declaration_attributes_enum p_gnu_extension_declaration_attribute : 1
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:0x346e268
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 3:40
IsTransformation:0
IsOutputInCodeGeneration:0

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SgNode* p_parent : 0x7fb81fbb82a0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef7c18
Sg_File_Info* p_endOfConstruct : 0x7fb8efef7c70
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : array
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x3666030
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0x346e268
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7fb81fa9a258
SgStorageModifier* p_storageModifier : 0x350e3d8
SgScopeStatement* p_scope : 0x339f080
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:0x7fb81fbb8530
SgVariableDeclaration
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 4:17
IsTransformation:0
IsOutputInCodeGeneration:0
Declaration mangled name: _variable_declaration__variable_type_i_variable_name_OUT__1__11773_____Fb_v_Gb____Fe____L0R__sco

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

SgNode* p_parent : 0x33164f0
bool p_isModified : 1
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef7d78
Sg_File_Info* p_endOfConstruct : 0x7fb8efef7dd0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : 7
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 : 0x7fb81fbb8530
SgDeclarationStatement* p_firstNondefiningDeclaration : 0
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgDeclarationStatement* p_baseTypeDefiningDeclaration : 0
SgInitializedNamePtrList p_variables : [0x346e3b0]
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 : 1
SgVariableDeclaration::gnu_extension_declaration_attributes_enum p_gnu_extension_declaration_attribute : 1
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:0x346e3b0
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 4:17
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x7fb81fbb8530
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef7e28
Sg_File_Info* p_endOfConstruct : 0x7fb8efef7e80
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : l
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x3433790
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0x346e3b0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0x7fb81fa9a4a0
SgStorageModifier* p_storageModifier : 0x350e400
SgScopeStatement* p_scope : 0x339f080
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:0x36e3050
SgFortranDo
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 5:6
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x33164f0
bool p_isModified : 1
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef8718
Sg_File_Info* p_endOfConstruct : 0x7fb8efef8770
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : 8
SgSymbolTable* p_symbol_table : 0x7fb8efe27698
SgTypeTable* p_type_table : 0x2126e00
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgExpression* p_initialization : 0x36ac540
SgExpression* p_bound : 0x35d9668
SgExpression* p_increment : 0x363ef70
SgBasicBlock* p_body : 0x3316608
SgLabelRefExp* p_end_numeric_label : 0x379a9f0
std::string p_string_label :
bool p_old_style : 0
bool p_has_end_statement : 0

pointer:0x36ac540
SgAssignOp
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 5:6
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: int

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

SgNode* p_parent : 0x36e3050
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef8350
Sg_File_Info* p_endOfConstruct : 0x7fb8efef83a8
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 : 0x7fb8efef8400
SgExpression* p_lhs_operand_i : 0x35a69d8
SgExpression* p_rhs_operand_i : 0x35d9600
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x35a69d8
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 5:12
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: int

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

SgNode* p_parent : 0x36ac540
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef8248
Sg_File_Info* p_endOfConstruct : 0x7fb8efef82a0
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 : 0x7fb8efef82f8
SgVariableSymbol* p_symbol : 0x3521ca0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x35d9600
SgIntVal
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 5:16
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: int

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

SgNode* p_parent : 0x36ac540
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef8038
Sg_File_Info* p_endOfConstruct : 0x7fb8efef8090
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 : 0x7fb8efef80e8
SgExpression* p_originalExpressionTree : 0
int p_value : 1
std::string p_valueString : 1

pointer:0x35d9668
SgIntVal
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 5:19
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: int

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

SgNode* p_parent : 0x36e3050
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef8140
Sg_File_Info* p_endOfConstruct : 0x7fb8efef8198
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 : 0x7fb8efef81f0
SgExpression* p_originalExpressionTree : 0
int p_value : 5
std::string p_valueString : 5

pointer:0x363ef70
SgNullExpression
NULL_FILE 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: int

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

SgNode* p_parent : 0x36e3050
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef8508
Sg_File_Info* p_endOfConstruct : 0x7fb8efef8560
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 : 0x7fb8efef85b8

pointer:0x3316608
SgBasicBlock
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 6:6
IsTransformation:0
IsOutputInCodeGeneration:1

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

SgNode* p_parent : 0x36e3050
bool p_isModified : 1
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef8458
Sg_File_Info* p_endOfConstruct : 0x7fb8efef84b0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : 9
SgSymbolTable* p_symbol_table : 0x7fb8efe27568
SgTypeTable* p_type_table : 0x2126dd8
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgStatementPtrList p_statements : [0x38794b0, 0x38a82c0]
std::string p_asm_function_body :

pointer:0x38794b0
SgExprStatement
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 6:6
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x3316608
bool p_isModified : 1
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef8e50
Sg_File_Info* p_endOfConstruct : 0x7fb8efef8df8
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : 10
SgExpression* p_expression : 0x36ac5b0

pointer:0x36ac5b0
SgAssignOp
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 6:6
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double

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

SgNode* p_parent : 0x38794b0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef8d48
Sg_File_Info* p_endOfConstruct : 0x7fb8efef8cf0
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 : 0x7fb8efef8da0
SgExpression* p_lhs_operand_i : 0x380fd10
SgExpression* p_rhs_operand_i : 0x3846820
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x380fd10
SgPntrArrRefExp
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 6:6
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double

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

SgNode* p_parent : 0x36ac5b0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef8ae0
Sg_File_Info* p_endOfConstruct : 0x7fb8efef8b38
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 : 0x7fb8efef8b90
SgExpression* p_lhs_operand_i : 0x35a6aa8
SgExpression* p_rhs_operand_i : 0x360c2f8
SgType* p_expression_type : 0
SgExpression* p_originalExpressionTree : 0

pointer:0x35a6aa8
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 6:6
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: double []

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

SgNode* p_parent : 0x380fd10
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef89d8
Sg_File_Info* p_endOfConstruct : 0x7fb8efef8a30
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 : 0x7fb8efef8a88
SgVariableSymbol* p_symbol : 0x3521c70
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x360c2f8
SgExprListExp
NULL_FILE 0:0
IsTransformation:0
IsOutputInCodeGeneration:1
Expression type: int

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

SgNode* p_parent : 0x380fd10
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef88d0
Sg_File_Info* p_endOfConstruct : 0x7fb8efef8928
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 : 0x7fb8efef8980
SgExpressionPtrList p_expressions : [0x35a6a40]

pointer:0x35a6a40
SgVarRefExp
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 6:12
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: int

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

SgNode* p_parent : 0x360c2f8
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef87c8
Sg_File_Info* p_endOfConstruct : 0x7fb8efef8820
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 : 0x7fb8efef8878
SgVariableSymbol* p_symbol : 0x3521ca0
SgExpression* p_originalExpressionTree : 0
int p_name_qualification_length : 0
bool p_type_elaboration_required : 0
bool p_global_qualification_required : 0

pointer:0x3846820
SgFloatVal
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 6:17
IsTransformation:0
IsOutputInCodeGeneration:0
Expression type: float

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

SgNode* p_parent : 0x36ac5b0
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef8be8
Sg_File_Info* p_endOfConstruct : 0x7fb8efef8c40
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 : 0x7fb8efef8c98
SgExpression* p_originalExpressionTree : 0
float p_value : 0
std::string p_valueString : 0.0

pointer:0x38a82c0
SgLabelStatement
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 7:6
IsTransformation:0
IsOutputInCodeGeneration:0

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

SgNode* p_parent : 0x3316608
bool p_isModified : 1
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef8fb0
Sg_File_Info* p_endOfConstruct : 0x7fb8efef9008
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0x379aa48
int p_source_sequence_value : 11
SgName p_label :
SgScopeStatement* p_scope : 0x339f080
SgStatement* p_statement : 0
bool p_gnu_extension_unused : 0

pointer:0x346e4f8
SgInitializedName
/home/liao6/workspace/github/rose-ast.git/subroutine1.f 0:0
IsTransformation:0
IsOutputInCodeGeneration:1

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

SgNode* p_parent : 0x7fb81fe1b010
bool p_isModified : 0
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fb8efef7f88
Sg_File_Info* p_endOfConstruct : 0x7fb8efef7fe0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgName p_name : OUT__1__11773__
std::string p_microsoft_uuid_string :
SgType* p_typeptr : 0x31c6140
SgInitializer* p_initptr : 0
SgInitializedName* p_prev_decl_item : 0
bool p_is_initializer : 1
SgDeclarationStatement* p_declptr : 0
SgStorageModifier* p_storageModifier : 0x350e428
SgScopeStatement* p_scope : 0x33164f0
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

