

pointer:0x7f983ca72010  
SgSourceFile

root node

SgNode\* p\_parent : 0x9afa00  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983cc31068  
SgStringList p\_originalCommandLineArgumentList : [pdfGenerator, -c, accumulationStmt.c]  
int p\_verbose : 0  
bool p\_output\_warnings : 0  
bool p\_C\_only : 1  
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 : 1  
bool p\_C99\_gnu\_only : 1  
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 : 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\_omp : 0  
bool p\_omp\_parse\_only : 1  
bool p\_omp\_ast\_only : 0  
bool p\_omp\_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:0x7f983cbac120  
SgGlobal  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 0:0  
IsTransformation:0  
IsOutputInCodeGeneration:0

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SgNode\* p\_parent : 0x7f983ca72010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983cc310c0  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983cc31118  
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 : 0x7f983cb61140  
SgTypeTable\* p\_type\_table : 0x9ea448  
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>: [0x7f983c8c7010, 0x7f983c3c1010, 0x7f983c3c13e0, 0x7f983c3c

pointer:0x7f983bb9bd90  
SgFunctionDeclaration  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 2:1  
IsTransformation:0  
IsOutputInCodeGeneration:0  
Declaration mangled name: L1R\_\_L2R

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SgNode\* p\_parent : 0x7f983cbac120  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8bfc0  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8bfd28  
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 : 0x7f983bb9bd90  
SgDeclarationStatement\* p\_firstNondefiningDeclaration : 0x7f983bb9b9c0  
SgQualifiedNamePtrList p\_qualifiedNameList : []  
std::string p\_binding\_label :  
SgName p\_name : foo  
SgFunctionParameterList\* p\_parameterList : 0x7f983bd1f990  
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 : 0x7f983c5b0c70  
SgFunctionDefinition\* p\_definition : 0x7f983b747010  
bool p\_oldStyleDefinition : 0  
SgScopeStatement\* p\_scope : 0x7f983cbac120  
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:0x7f983bd1f990  
SgFunctionParameterList  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 2:1  
IsTransformation:0  
IsOutputInCodeGeneration:0  
Declaration mangled name: L2R

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SgNode\* p\_parent : 0x7f983bb9bd90  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0460  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c04b8  
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 : 0x7f983bd1f990  
SgQualifiedNamePtrList p\_qualifiedNameList : []  
std::string p\_binding\_label :  
SgInitializedNamePtrList p\_args : [0x7f983b90a1b0, 0x7f983b90a2f8, 0x7f983b90a440]

pointer:0x7f983b90a1b0  
SgInitializedName  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 2:18  
IsTransformation:0  
IsOutputInCodeGeneration:0

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SgNode\* p\_parent : 0x7f983bd1f990  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c00f0  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c0148  
AttachedPreprocessingInfoType\* p\_attachedPreprocessingInfoPtr : 0  
AstAttributeMechanism\* p\_attributeMechanism : 0  
bool p\_containsTransformationToSurroundingWhitespace : 0  
SgName p\_name : xa1  
std::string p\_microsoft\_uuid\_string :  
SgType\* p\_typeptr : 0x7f983c6b5538  
SgInitializer\* p\_initptr : 0  
SgInitializedName\* p\_prev\_decl\_item : 0  
bool p\_is\_initializer : 1  
SgDeclarationStatement\* p\_declptr : 0x7f983bb9bd90  
SgStorageModifier\* p\_storageModifier : 0x143d430  
SgScopeStatement\* p\_scope : 0x7f983b747010  
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:0x7f983b90a2f8  
SgInitializedName  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 2:30  
IsTransformation:0  
IsOutputInCodeGeneration:0

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SgNode\* p\_parent : 0x7f983bd1f990  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c01a0  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c01f8  
AttachedPreprocessingInfoType\* p\_attachedPreprocessingInfoPtr : 0  
AstAttributeMechanism\* p\_attributeMechanism : 0  
bool p\_containsTransformationToSurroundingWhitespace : 0  
SgName p\_name : ax  
std::string p\_microsoft\_uuid\_string :  
SgType\* p\_typeptr : 0x7f983c353010  
SgInitializer\* p\_initptr : 0  
SgInitializedName\* p\_prev\_decl\_item : 0  
bool p\_is\_initializer : 1  
SgDeclarationStatement\* p\_declptr : 0x7f983bb9bd90  
SgStorageModifier\* p\_storageModifier : 0x143d458  
SgScopeStatement\* p\_scope : 0x7f983b747010  
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:0x7f983b90a440  
SgInitializedName  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 2:38  
IsTransformation:0  
IsOutputInCodeGeneration:0

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SgNode\* p\_parent : 0x7f983bd1f990  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0250  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c02a8  
AttachedPreprocessingInfoType\* p\_attachedPreprocessingInfoPtr : 0  
AstAttributeMechanism\* p\_attributeMechanism : 0  
bool p\_containsTransformationToSurroundingWhitespace : 0  
SgName p\_name : len  
std::string p\_microsoft\_uuid\_string :  
SgType\* p\_typeptr : 0x7f983c1c7010  
SgInitializer\* p\_initptr : 0  
SgInitializedName\* p\_prev\_decl\_item : 0  
bool p\_is\_initializer : 1  
SgDeclarationStatement\* p\_declptr : 0x7f983bb9bd90  
SgStorageModifier\* p\_storageModifier : 0x143d480  
SgScopeStatement\* p\_scope : 0x7f983b747010  
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:0x7f983b747010  
SgFunctionDefinition  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 3:1  
IsTransformation:0  
IsOutputInCodeGeneration:0

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SgNode\* p\_parent : 0x7f983bb9bd90  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0300  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c0358  
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 : 0x7f983cb614d0  
SgTypeTable\* p\_type\_table : 0x9ea4c0  
std::set<SgSymbol\*> p\_type\_elaboration\_list : []  
std::set<SgSymbol\*> p\_hidden\_type\_list : []  
std::set<SgSymbol\*> p\_hidden\_declaration\_list : []  
SgBasicBlock\* p\_body : 0x7f983b7dc010  
std::map<SgNode\*,int> p\_scope\_number\_list : []



pointer:0x7f983b7dc010  
SgBasicBlock  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 3:1  
IsTransformation:0  
IsOutputInCodeGeneration:0

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SgNode\* p\_parent : 0x7f983b747010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0040  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c0098  
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 : 0x7f983cb613a0  
SgTypeTable\* p\_type\_table : 0x9ea498  
std::set<SgSymbol\*> p\_type\_elaboration\_list : []  
std::set<SgSymbol\*> p\_hidden\_type\_list : []  
std::set<SgSymbol\*> p\_hidden\_declaration\_list : []  
SgStatementPtrList p\_statements : [0x7f983b6b6010]  
std::string p\_asm\_function\_body :

pointer:0x7f983b6b6010  
SgForStatement  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 4:3  
IsTransformation:0  
IsOutputInCodeGeneration:0

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SgNode\* p\_parent : 0x7f983b7dc010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c17f8  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c1850  
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 : 0x7f983cb61600  
SgTypeTable\* p\_type\_table : 0x9ea4e8  
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 : 0x7f983b67f080  
SgStatement\* p\_test : 0x7f983b321010  
SgExpression\* p\_increment : 0x7f983b2ee010  
SgStatement\* p\_loop\_body : 0x7f983b7dc128  
SgStatement\* p\_else\_body : 0  
std::string p\_string\_label :

pointer:0x7f983b67f080  
SgForInitStatement  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 4:8  
IsTransformation:0  
IsOutputInCodeGeneration:0

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SgNode\* p\_parent : 0x7f983b6b6010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xffffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0930  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c0988  
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 : [0x7f983b53e010]

pointer:0x7f983b53e010  
SgVariableDeclaration  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 4:8  
IsTransformation:0  
IsOutputInCodeGeneration:0  
Declaration mangled name: \_\_variable\_declaration\_\_variable\_type\_i\_variable\_name\_L1R\_\_L2R\_\_scope\_\_\_\_SgSS2\_\_\_\_scope\_\_\_\_SgSS

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SgNode\* p\_parent : 0x7f983b67f080  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0670  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c06c8  
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 : 0x7f983b53e010  
SgQualifiedNamePtrList p\_qualifiedNameList : []  
std::string p\_binding\_label :  
SgDeclarationStatement\* p\_baseTypeDefiningDeclaration : 0  
SgInitializedNamePtrList p\_variables : [0x7f983b90a588]  
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:0x7f983b90a588  
SgInitializedName  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 4:8  
IsTransformation:0  
IsOutputInCodeGeneration:0

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SgNode\* p\_parent : 0x7f983b53e010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0618  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c05c0  
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 : 0x7f983c1c7010  
SgInitializer\* p\_initptr : 0x7f983b3ba010  
SgInitializedName\* p\_prev\_decl\_item : 0  
bool p\_is\_initializer : 1  
SgDeclarationStatement\* p\_declptr : 0x7f983b420010  
SgStorageModifier\* p\_storageModifier : 0x143d4a8  
SgScopeStatement\* p\_scope : 0x7f983b6b6010  
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:0x7f983b3ba010  
SgAssignInitializer  
compilerGenerated 0:0  
IsTransformation:0  
IsOutputInCodeGeneration:1  
Expression type: int

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

SgNode\* p\_parent : 0x7f983b90a588  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xffffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0880  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c0828  
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 : 0x7f983b8c0568  
bool p\_is\_explicit\_cast : 1  
bool p\_is\_braced\_initialized : 0  
SgExpression\* p\_operand\_i : 0x7f983b3ed010  
SgType\* p\_expression\_type : 0

pointer:0x7f983b3ed010  
SgIntVal  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 4:14  
IsTransformation:0  
IsOutputInCodeGeneration:0  
Expression type: int

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

SgNode\* p\_parent : 0x7f983b3ba010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0778  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c07d0  
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 : 0x7f983b8c0510  
SgExpression\* p\_originalExpressionTree : 0  
int p\_value : 0  
std::string p\_valueString : 0

pointer:0x7f983b321010  
SgExprStatement  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 4:17  
IsTransformation:0  
IsOutputInCodeGeneration:0

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SgNode\* p\_parent : 0x7f983b6b6010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0cf8  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c0d50  
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 : 0x7f983b350010



pointer:0x7f983b350010  
SgLessThanOp  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 4:18  
IsTransformation:0  
IsOutputInCodeGeneration:0  
Expression type: int

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SgNode\* p\_parent : 0x7f983b321010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0c48  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c0ca0  
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 : 0x7f983b8c09e0  
SgExpression\* p\_lhs\_operand\_i : 0x7f983b387010  
SgExpression\* p\_rhs\_operand\_i : 0x7f983b387078  
SgType\* p\_expression\_type : 0  
SgExpression\* p\_originalExpressionTree : 0

pointer:0x7f983b387010  
SgVarRefExp  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 4:17  
IsTransformation:0  
IsOutputInCodeGeneration:0  
Expression type: int

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

SgNode\* p\_parent : 0x7f983b350010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xffffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0a38  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c0a90  
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 : 0x7f983b8c08d8  
SgVariableSymbol\* p\_symbol : 0x14a27e0  
SgExpression\* p\_originalExpressionTree : 0  
int p\_name\_qualification\_length : 0  
bool p\_type\_elaboration\_required : 0  
bool p\_global\_qualification\_required : 0

pointer:0x7f983b387078  
SgVarRefExp  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 4:19  
IsTransformation:0  
IsOutputInCodeGeneration:0  
Expression type: int

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SgNode\* p\_parent : 0x7f983b350010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xffffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0b40  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c0b98  
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 : 0x7f983b8c0720  
SgVariableSymbol\* p\_symbol : 0x14a27b0  
SgExpression\* p\_originalExpressionTree : 0  
int p\_name\_qualification\_length : 0  
bool p\_type\_elaboration\_required : 0  
bool p\_global\_qualification\_required : 0

pointer:0x7f983b2ee010  
SgPlusPlusOp  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 4:25  
IsTransformation:0  
IsOutputInCodeGeneration:0  
Expression type: int

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SgNode\* p\_parent : 0x7f983b6b6010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0f08  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c0f60  
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 : 0x7f983b8c0ae8  
SgExpression\* p\_operand\_i : 0x7f983b3870e0  
SgType\* p\_expression\_type : 0  
SgUnaryOp::Sgop\_mode p\_mode : 1

pointer:0x7f983b3870e0  
SgVarRefExp  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 4:24  
IsTransformation:0  
IsOutputInCodeGeneration:0  
Expression type: int

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SgNode\* p\_parent : 0x7f983b2ee010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0e00  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c0e58  
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 : 0x7f983b8c0bf0  
SgVariableSymbol\* p\_symbol : 0x14a27e0  
SgExpression\* p\_originalExpressionTree : 0  
int p\_name\_qualification\_length : 0  
bool p\_type\_elaboration\_required : 0  
bool p\_global\_qualification\_required : 0

pointer:0x7f983b7dc128  
SgBasicBlock  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 5:3  
IsTransformation:0  
IsOutputInCodeGeneration:0

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SgNode\* p\_parent : 0x7f983b6b6010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c0fb8  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c1010  
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 : 0x7f983cb61730  
SgTypeTable\* p\_type\_table : 0x9ea510  
std::set<SgSymbol\*> p\_type\_elaboration\_list : []  
std::set<SgSymbol\*> p\_hidden\_type\_list : []  
std::set<SgSymbol\*> p\_hidden\_declaration\_list : []  
SgStatementPtrList p\_statements : [0x7f983b321070, 0x7f983b3210d0]  
std::string p\_asm\_function\_body :

pointer:0x7f983b321070  
SgExprStatement  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 6:5  
IsTransformation:0  
IsOutputInCodeGeneration:0

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SgNode\* p\_parent : 0x7f983b7dc128  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xffffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c1590  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c15e8  
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 : 0x7f983b280010

pointer:0x7f983b280010  
SgPlusAssignOp  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 6:11  
IsTransformation:0  
IsOutputInCodeGeneration:0  
Expression type: double

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SgNode\* p\_parent : 0x7f983b321070  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xffffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c14e0  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c1538  
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 : 0x7f983b8c1278  
SgExpression\* p\_lhs\_operand\_i : 0x7f983b2b7010  
SgExpression\* p\_rhs\_operand\_i : 0x7f983b387218  
SgType\* p\_expression\_type : 0  
SgExpression\* p\_originalExpressionTree : 0



pointer:0x7f983b2b7010  
SgPntrArrRefExp  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 6:8  
IsTransformation:0  
IsOutputInCodeGeneration:0  
Expression type: double

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SgNode\* p\_parent : 0x7f983b280010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xffffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c12d0  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c1328  
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 : 0x7f983b8c1068  
SgExpression\* p\_lhs\_operand\_i : 0x7f983b387148  
SgExpression\* p\_rhs\_operand\_i : 0x7f983b3871b0  
SgType\* p\_expression\_type : 0  
SgExpression\* p\_originalExpressionTree : 0

pointer:0x7f983b387148  
SgVarRefExp  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 6:5  
IsTransformation:0  
IsOutputInCodeGeneration:0  
Expression type: double \*

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

SgNode\* p\_parent : 0x7f983b2b7010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xfffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c10c0  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c1118  
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 : 0x7f983b8c0eb0  
SgVariableSymbol\* p\_symbol : 0x14a2750  
SgExpression\* p\_originalExpressionTree : 0  
int p\_name\_qualification\_length : 0  
bool p\_type\_elaboration\_required : 0  
bool p\_global\_qualification\_required : 0

pointer:0x7f983b3871b0  
SgVarRefExp  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 6:9  
IsTransformation:0  
IsOutputInCodeGeneration:0  
Expression type: int

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

SgNode\* p\_parent : 0x7f983b2b7010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xffffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c11c8  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c1220  
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 : 0x7f983b8c0da8  
SgVariableSymbol\* p\_symbol : 0x14a27e0  
SgExpression\* p\_originalExpressionTree : 0  
int p\_name\_qualification\_length : 0  
bool p\_type\_elaboration\_required : 0  
bool p\_global\_qualification\_required : 0

pointer:0x7f983b387218  
SgVarRefExp  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 6:13  
IsTransformation:0  
IsOutputInCodeGeneration:0  
Expression type: double

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

SgNode\* p\_parent : 0x7f983b280010  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xffffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c13d8  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c1430  
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 : 0x7f983b8c1170  
SgVariableSymbol\* p\_symbol : 0x14a2780  
SgExpression\* p\_originalExpressionTree : 0  
int p\_name\_qualification\_length : 0  
bool p\_type\_elaboration\_required : 0  
bool p\_global\_qualification\_required : 0

pointer:0x7f983b3210d0  
SgExprStatement  
/home/liao6/workspace/github/rose-ast.git/accumulationStmt.c 7:5  
IsTransformation:0  
IsOutputInCodeGeneration:0

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SgNode\* p\_parent : 0x7f983b7dc128  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xffffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c1748  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c17a0  
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 : 0x7f983b258010

pointer:0x7f983b258010  
SgNullExpression  
compilerGenerated 0:0  
IsTransformation:0  
IsOutputInCodeGeneration:1  
Expression type: int

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

SgNode\* p\_parent : 0x7f983b3210d0  
bool p\_isModified : 0  
bool p\_containsTransformation : 0  
\$CLASSNAME\* p\_freepointer : 0xffffffffffffff  
Sg\_File\_Info\* p\_startOfConstruct : 0x7f983b8c1698  
Sg\_File\_Info\* p\_endOfConstruct : 0x7f983b8c16f0  
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 : 0x7f983b8c1488

