

GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,347,style,The scope of the variable 'size' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,287,style,struct member 'stk\_stat::now' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,288,style,struct member 'stk\_stat::maxc' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,291,style,struct member 'stk\_stat::high\_water' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,292,style,struct member 'stk\_stat::overflows' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,293,style,struct member 'stk\_stat::hits' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,294,style,struct member 'stk\_stat::extends' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,295,style,struct member 'stk\_stat::stko\_mallocs' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,296,style,struct member 'stk\_stat::underflows' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,297,style,struct member 'stk\_stat::stko\_free' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,298,style,struct member 'stk\_stat::stkm\_free' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,299,style,struct member 'stk\_stat::segments' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,300,style,struct member 'stk\_stat::maxs' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,301,style,struct member 'stk\_stat::pad\_size' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,306,style,struct member 'stk\_stat::initial\_address' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,307,style,struct member 'stk\_stat::initial\_size' is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,169,style,Variable 'probe' is not assigned a value.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,434,information,Skipping configuration 'CRAY;CRAY\_STACKSEG\_END' since the value of 'CRAY\_STACKSEG\_END' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\alloca.c,434,information,Skipping configuration 'CRAY;CRAY\_STACKSEG\_END;DEBUG\_100AFUNC' since the value of 'CRAY\_STACKSEG\_END' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\argv.c,442,style,Condition '!argv\_dynamic' is always true  
 GPL\DemanglerGnu\src\demangler\_gnu\c\argv.c,108,style,The scope of the variable 'scan' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\argv.c,180,style,The scope of the variable 'arg' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\argv.c,182,style,The scope of the variable 'quote' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\argv.c,183,style,The scope of the variable 'dquote' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\argv.c,184,style,The scope of the variable 'bsquote' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\argv.c,185,style,The scope of the variable 'argc' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\argv.c,186,style,The scope of the variable 'maxargc' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\argv.c,206,style,Argument 'maxargc\*sizeof(char\*)' to function xmalloc is always 64  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cp-demangle.c,4351,style,Condition '!dpm.printed' is always true  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cp-demangle.c,4400,style,Condition 'dpm.printed' is always false  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cp-demangle.c,4498,style,Condition '!dpm.printed' is always true  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cp-demangle.c,1782,style,The scope of the variable 'c' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cp-demangle.c,5387,style,The scope of the variable 'dc' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cp-demangle.c,5414,warning,Obsolete function 'alloca' called. In C99 and later it is recommended to use a variable length array instead.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cp-demangle.c,5415,warning,Obsolete function 'alloca' called. In C99 and later it is recommended to use a variable length array instead.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cp-demangle.c,5693,warning,Obsolete function 'alloca' called. In C99 and later it is recommended to use a variable length array instead.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cp-demangle.c,5694,warning,Obsolete function 'alloca' called. In C99 and later it is recommended to use a variable length array instead.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cp-demangle.c,4074,error,Uninitialized struct member: dpt.next  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cp-demangle.c,5823,style,The scope of the variable 'i' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,2680,style,Redundant condition: If 'EXPR == "\_', the comparison 'EXPR' is always true.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,1433,style,Variable 'oldmangled' is reassigned a value before the old one has been used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,4222,style,Same expression on both sides of '-' because '\*mangled' and 'start' represent the same value.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,1162,style,The scope of the variable 'success' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,1716,style,The scope of the variable 'i' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,1718,style,The scope of the variable 'need\_comma' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,1994,style,The scope of the variable 'tmp' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,2731,style,The scope of the variable 'i' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,3187,style,The scope of the variable 'n' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,3273,style,The scope of the variable 'num' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,3494,style,The scope of the variable 'n' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,3544,style,The scope of the variable 'member' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,4354,style,The scope of the variable 'i' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,4808,style,The scope of the variable 'n' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,4898,style,The scope of the variable 'start' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,4898,style,The scope of the variable 'len' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,4898,style,The scope of the variable 'left' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,2580,style,Variable 'save\_class\_name\_end' is assigned a value that is never used.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,104,information,Skipping configuration 'CPLUS\_MARKER' since the value of 'CPLUS\_MARKER' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\cplus-dem.c,5130,style,The scope of the variable 'valid\_symbols' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\getopt.c,996,style,The scope of the variable 'c' can be reduced.  
 GPL\DemanglerGnu\src\demangler\_gnu\c\getopt.c,293,information,Skipping configuration '\_LIBC;text\_set\_element' since the

value of 'text\_set\_element' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.

GPL\DemanglerGnu\src\demangler\_gnu\c\getopt.c,665,information,Skipping configuration  
'\_\_GNUC\_\_;\_\_STDC\_\_;\_\_STDC\_\_=0;strlen' since the value of 'strlen' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.

GPL\DemanglerGnu\src\demangler\_gnu\c\getopt.c,689,information,Skipping configuration  
'\_\_GNUC\_\_;\_\_STDC\_\_;\_\_STDC\_\_=0;strlen' since the value of 'strlen' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.

GPL\DemanglerGnu\src\demangler\_gnu\c\getopt.c,720,information,Skipping configuration  
'\_\_GNUC\_\_;\_\_STDC\_\_;\_\_STDC\_\_=0;strlen' since the value of 'strlen' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.

GPL\DemanglerGnu\src\demangler\_gnu\c\getopt.c,737,information,Skipping configuration  
'\_\_GNUC\_\_;\_\_STDC\_\_;\_\_STDC\_\_=0;strlen' since the value of 'strlen' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.

GPL\DemanglerGnu\src\demangler\_gnu\c\getopt.c,742,information,Skipping configuration  
'\_\_GNUC\_\_;\_\_STDC\_\_;\_\_STDC\_\_=0;strlen' since the value of 'strlen' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.

GPL\DemanglerGnu\src\demangler\_gnu\c\getopt.c,853,information,Skipping configuration  
'\_\_GNUC\_\_;\_\_STDC\_\_;\_\_STDC\_\_=0;strlen' since the value of 'strlen' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.

GPL\DemanglerGnu\src\demangler\_gnu\c\getopt.c,876,information,Skipping configuration  
'\_\_GNUC\_\_;\_\_STDC\_\_;\_\_STDC\_\_=0;strlen' since the value of 'strlen' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.

GPL\DemanglerGnu\src\demangler\_gnu\c\getopt.c,896,information,Skipping configuration  
'\_\_GNUC\_\_;\_\_STDC\_\_;\_\_STDC\_\_=0;strlen' since the value of 'strlen' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.

GPL\DemanglerGnu\src\demangler\_gnu\c\getopt.c,910,information,Skipping configuration  
'\_\_GNUC\_\_;\_\_STDC\_\_;\_\_STDC\_\_=0;strlen' since the value of 'strlen' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.

GPL\DemanglerGnu\src\demangler\_gnu\c\getopt.c,914,information,Skipping configuration  
'\_\_GNUC\_\_;\_\_STDC\_\_;\_\_STDC\_\_=0;strlen' since the value of 'strlen' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.

GPL\DemanglerGnu\src\demangler\_gnu\c\getopt.c,417,information,Skipping configuration 'getenv' since the value of 'getenv' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.

GPL\DemanglerGnu\src\demangler\_gnu\c\getopt1.c,101,style,The scope of the variable 'c' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\rangemap.hh,220,style,Condition 'b<(\*low).last' is always true

Ghidra\Features\Decompiler\src\decompile\cpp\rangemap.hh,270,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\rangemap.hh,61,performance,Variable 'last' is assigned in constructor body.  
Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\rangemap.hh,62,performance,Variable 'last' is assigned in constructor body.  
Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\rangemap.hh,76,performance,Variable 'iter' is assigned in constructor body.  
Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\rangemap.hh,61,style,Class 'AddrRange' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\rangemap.hh,76,style,Class 'PartIterator' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\address.hh,451,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\address.hh,118,performance,Variable 'uniq' is assigned in constructor body.  
Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\address.hh,121,performance,Variable 'uniq' is assigned in constructor body.  
Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\address.hh,172,performance,Variable 'first' is assigned in constructor body.  
Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\address.hh,172,performance,Variable 'last' is assigned in constructor body.  
Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\address.hh,204,performance,Variable 'tree' is assigned in constructor body.  
Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\address.hh,240,performance,Variable 'offset' is assigned in constructor body.  
Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\address.hh,248,performance,Variable 'offset' is assigned in constructor body.  
Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\address.hh,56,style,Class 'Address' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\address.hh,115,style,Class 'SeqNum' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\address.hh,232,warning,Member variable 'Address::offset' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\address.hh,118,warning,Member variable 'SeqNum::order' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\address.hh,121,warning,Member variable 'SeqNum::order' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\cover.hh,45,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\cover.hh,47,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.hh,165,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\op.hh,142,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\op.hh,144,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\op.hh,145,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\op.hh,220,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\op.hh,252,performance,Variable 'uniqid' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\op.hh,35,style,The function 'saveXmlAttributes' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\op.hh,36,style,The function 'saveXmlAttributes' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\op.hh,37,style,The function 'printRaw' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\op.hh,38,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\op.hh,39,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,151,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,209,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,212,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,374,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,49,performance,Variable 'label' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,49,performance,Variable 'reverse\_index' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,443,performance,Variable 'gototype' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,554,performance,Variable 'gototype' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,372,style,Class 'BlockBasic' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,417,style,Class 'BlockCopy' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,443,style,Class 'BlockGoto' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,469,style,Class 'BlockMultiGoto' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,516,style,Class 'BlockCondition' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,645,style,Class 'BlockSwitch' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,689,style,Class 'BlockMap' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,287,style,The function 'getType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,288,style,The function 'subBlock' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,289,style,The function 'markUnstructured' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,290,style,The function 'markLabelBumpUp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,291,style,The function 'scopeBreak' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,292,style,The function 'printTree' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,293,style,The function 'printRaw' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,294,style,The function 'emit' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,295,style,The function 'nextFlowAfter' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,296,style,The function 'orderSwitchCases' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,297,style,The function 'saveXmlBody' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,298,style,The function 'restoreXmlBody' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,377,style,The function 'getStart' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,378,style,The function 'getStop' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.hh,379,style,The function 'getType' overrides a function in a base class but







Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,276,performance,Variable 'address' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,276,performance,Variable 'type' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,879,performance,Variable 'name' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,879,performance,Variable 'addr' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,879,performance,Variable 'flags' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,28,style,Struct 'ParamUnassignedError' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,77,style,Class 'ParamEntry' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,191,style,Class 'ParamActive' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,570,style,Class 'ProtoModel' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,793,style,Class 'ProtoModelMerged' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,1019,style,Class 'ProtoStoreInternal' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,1356,style,Class 'FuncCallSpecs' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,244,style,The function 'saveXmlAttributes' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,245,style,The function 'saveXmlAttributes' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,246,style,The function 'printRaw' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,247,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,248,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,450,style,The function 'getType' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,451,style,The function 'assignMap' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,453,style,The function 'fillinMap' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,454,style,The function 'checkJoin' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,455,style,The function 'checkSplit' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,456,style,The function 'possibleParam' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,457,style,The function 'possibleParamWithSlot' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,458,style,The function 'unjustifiedContainer' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,459,style,The function 'assumedExtension' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,460,style,The function 'getSpacebase' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,461,style,The function 'getRangeList' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,462,style,The function 'getMaxDelay' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,463,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,464,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,478,style,The function 'getType' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,479,style,The function 'assignMap' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,481,style,The function 'fillinMap' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,482,style,The function 'possibleParam' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,483,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.







Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,447,warning,Member variable 'ParamListStandard::pointermax' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,447,warning,Member variable 'ParamListStandard::nonfloatgroup' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,1002,warning,Virtual function 'setOutput' is called from constructor 'ProtoStoreSymbol(Scope\*sc, const Address&usepoint)' at line 2285. Dynamic binding is not used.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.hh,1026,warning,Virtual function 'setOutput' is called from constructor 'ProtoStoreInternal(Datatype\*vt)' at line 2468. Dynamic binding is not used.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,379,style,The scope of the variable 'ac' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,430,style,The scope of the variable 'subact' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,517,style,The scope of the variable 'ac' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,740,style,The scope of the variable 'rl' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,763,style,The scope of the variable 'op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,878,style,The scope of the variable 'rl' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,1087,style,Variable '(\*iter).second' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,813,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,854,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,28,performance,Variable 'flags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,29,performance,Variable 'status' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,30,performance,Variable 'breakpoint' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,31,performance,Variable 'name' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,32,performance,Variable 'basegroup' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,33,performance,Variable 'count\_tests' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,34,performance,Variable 'count\_apply' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,608,performance,Variable 'flags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,609,performance,Variable 'name' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,610,performance,Variable 'breakpoint' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,611,performance,Variable 'basegroup' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,612,performance,Variable 'count\_tests' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,613,performance,Variable 'count\_apply' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,492,style,The scope of the variable 'res' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,539,style,The scope of the variable 'res' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,25,warning,Member variable 'Action::count' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\action.cc,25,warning,Member variable 'Action::count' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\pcoderaw.hh,91,style,The class 'PcodeOpRaw' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.hh,190,style,The class 'JoinRecord' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.hh,41,performance,Variable 'instruction\_length' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.hh,54,style,Struct 'BadDataError' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.hh,176,style,The function 'numSpacebase' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.hh,177,style,The function 'getSpacebase' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.hh,178,style,The function 'getSpacebaseFull' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.hh,179,style,The function 'stackGrowsNegative' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.hh,180,style,The function 'getContain' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.hh,181,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.hh,182,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.hh,63,style,The class 'TruncationTag' does not have a constructor

although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.hh,57,warning,Member variable 'CastStrategy::tlst' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.hh,150,style,The function 'localExtensionType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.hh,151,style,The function 'intPromotionType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.hh,152,style,The function 'checkIntPromotionForCompare' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.hh,153,style,The function 'checkIntPromotionForExtension' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.hh,154,style,The function 'castStandard' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.hh,155,style,The function 'arithmeticOutputStandard' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.hh,156,style,The function 'isSubpieceCast' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.hh,157,style,The function 'isSubpieceCastEndian' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.hh,158,style,The function 'isSextCast' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.hh,159,style,The function 'isZextCast' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.hh,169,style,The function 'castStandard' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.hh,170,style,The function 'isZextCast' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.hh,57,warning,Member variable 'CastStrategy::promoteSize' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,162,style,The class 'JumpValuesRangeDefault' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,246,warning,Member variable 'JumpBasic::normalvn' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,246,warning,Member variable 'JumpBasic::switchvn' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,275,warning,Member variable 'JumpBasic2::extravn' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,336,warning,Member variable 'JumpAssisted::userop' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,42,performance,Variable 'addr' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,42,performance,Variable 'size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,42,performance,Variable 'num' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,43,performance,Variable 'addr' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,43,performance,Variable 'size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,43,performance,Variable 'num' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,54,performance,Variable 'rootVn' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,209,performance,Variable 'size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,336,performance,Variable 'sizeIndices' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,28,style,Struct 'JumptableThunkError' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,32,style,Struct 'JumptableNotReachableError' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,90,style,Class 'EmulateFunction' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,187,style,Class 'JumpModel' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,209,style,Class 'JumpModelTrivial' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,246,style,Class 'JumpBasic' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,275,style,Class 'JumpBasic2' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.hh,300,style,Class 'JumpBasicOverride' has a constructor with 1 argument that is not explicit.









Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,740,style,The function 'findFunction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,741,style,The function 'findExternalRef' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,742,style,The function 'findCodeLabel' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,743,style,The function 'findOverlap' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,744,style,The function 'findBefore' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,745,style,The function 'findAfter' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,747,style,The function 'findByName' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,748,style,The function 'resolveExternalRefFunction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,750,style,The function 'buildVariableName' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,753,style,The function 'buildUndefinedName' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,754,style,The function 'makeNameUnique' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,755,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,756,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,757,style,The function 'printEntries' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,758,style,The function 'getCategorySize' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,759,style,The function 'getCategorySymbol' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,760,style,The function 'setCategory' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,183,warning,Member variable 'Symbol::catindex' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,187,warning,Member variable 'Symbol::catindex' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\database.hh,60,style,Class 'SymbolEntry' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,173,warning,Member variable 'OpFollow::opc' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,43,performance,Variable 'name' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,43,performance,Variable 'useropindex' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,87,performance,Variable 'injectid' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,240,style,Class 'JumpAssistOp' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,74,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,89,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,116,style,The function 'getOperatorName' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,117,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,130,style,The function 'getOperatorName' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,131,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,218,style,The function 'getNumVariableTerms' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,219,style,The function 'unify' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,220,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,221,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,245,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,173,warning,Member variable 'OpFollow::val' is not initialized in the



constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.hh,173,warning,Member variable 'OpFollow::slot' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\prefersplit.hh,29,style,The class 'PreferSplitManager' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\prefersplit.hh,37,performance,Variable 'splitoffset' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\merge.hh,44,style,The class 'BlockVarnode' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\merge.hh,107,style,Class 'Merge' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.hh,526,style,The class 'PcodeEmitFd' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.hh,539,style,The class 'AncestorRealistic' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.hh,559,performance,Variable 'slot' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.hh,528,style,The function 'dump' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1287,style,The class 'BoolExpress' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1253,performance,Variable 'isaggressive' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,45,style,Class 'RuleEarlyRemoval' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,63,style,Class 'RuleCollectTerms' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,73,style,Class 'RuleSelectCse' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,83,style,Class 'RulePiece2Zext' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,93,style,Class 'RulePiece2Sext' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,103,style,Class 'RuleBxor2NotEqual' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,113,style,Class 'RuleOrMask' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,123,style,Class 'RuleAndMask' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,133,style,Class 'RuleOrCollapse' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,143,style,Class 'RuleAndOrLump' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,153,style,Class 'RuleNegateIdentity' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,163,style,Class 'RuleShiftBitops' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,173,style,Class 'RuleIntLessEqual' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,183,style,Class 'RuleEquality' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,194,style,Class 'RuleTermOrder' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,204,style,Class 'RulePullsubMulti' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,219,style,Class 'RulePullsubIndirect' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,230,style,Class 'RulePushMulti' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,240,style,Class 'RuleNotDistribute' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,250,style,Class 'RuleHighOrderAnd' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,260,style,Class 'RuleAndDistribute' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,270,style,Class 'RuleLessOne' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,280,style,Class 'RuleRangeMeld' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,290,style,Class 'RuleFloatRange' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,300,style,Class 'RuleAndCommutate' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,310,style,Class 'RuleAndPiece' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,320,style,Class 'RuleAndCompare' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,330,style,Class 'RuleDoubleSub' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,340,style,Class 'RuleDoubleShift' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,350,style,Class 'RuleConcatShift' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,360,style,Class 'RuleLeftRight' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,370,style,Class 'RuleShiftCompare' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,390,style,Class 'RuleLessEqual' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,400,style,Class 'RuleLessNotEqual' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,410,style,Class 'RuleTrivialArith' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,420,style,Class 'RuleTrivialBool' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,430,style,Class 'RuleZextEliminate' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,440,style,Class 'RuleSlessToLess' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,450,style,Class 'RuleZextSless' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,460,style,Class 'RuleBitUndistribute' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,470,style,Class 'RuleBooleanNegate' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,480,style,Class 'RuleBoolZext' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,490,style,Class 'RuleLogic2Bool' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,500,style,Class 'RuleIndirectCollapse' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,510,style,Class 'RuleMultiCollapse' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,520,style,Class 'RuleSborrow' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,530,style,Class 'RuleTrivialShift' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,540,style,Class 'RuleIdentityEI' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,550,style,Class 'RuleShift2Mult' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,560,style,Class 'RuleShiftPiece' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,570,style,Class 'RuleCollapseConstants' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,580,style,Class 'RuleTransformCpool' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,590,style,Class 'RulePropagateCopy' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,600,style,Class 'Rule2Comp2Mult' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,610,style,Class 'RuleCarryElim' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,620,style,Class 'RuleSub2Add' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,630,style,Class 'RuleXorCollapse' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,640,style,Class 'RuleAddMultCollapse' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,664,style,Class 'RuleLoadVarnode' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,674,style,Class 'RuleStoreVarnode' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,694,style,Class 'RuleSubExtComm' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,704,style,Class 'RuleSubCommutate' has a constructor with 1

argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,715,style,Class 'RuleConcatCommute' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,735,style,Class 'RuleConcatZext' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,745,style,Class 'RuleZextCommute' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,755,style,Class 'RuleZextShiftZext' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,765,style,Class 'RuleShiftAnd' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,775,style,Class 'RuleConcatZero' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,785,style,Class 'RuleConcatLeftShift' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,795,style,Class 'RuleSubZext' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,805,style,Class 'RuleSubCancel' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,815,style,Class 'RuleShiftSub' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,825,style,Class 'RuleHumptyDumpty' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,835,style,Class 'RuleDumptyHump' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,845,style,Class 'RuleHumptyOr' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,855,style,Class 'RuleEmbed' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,865,style,Class 'RuleSwitchSingle' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,875,style,Class 'RuleCondNegate' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,885,style,Class 'RuleBoolNegate' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,895,style,Class 'RuleLess2Zero' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,905,style,Class 'RuleLessEqual2Zero' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,916,style,Class 'RuleSless2Zero' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,926,style,Class 'RuleEqual2Zero' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,936,style,Class 'RuleEqual2Constant' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,949,style,Class 'RulePtrArith' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,959,style,Class 'RuleStructOffset0' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,969,style,Class 'RulePushPtr' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,979,style,Class 'RulePtraddUndo' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,989,style,Class 'RulePtrsubUndo' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1001,style,Class 'RuleMultNegOne' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1012,style,Class 'RuleAddUnsigned' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1023,style,Class 'Rule2Comp2Sub' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1034,style,Class 'RuleSubRight' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1046,style,Class 'RulePtrsubCharConstant' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1057,style,Class 'RuleSubNormal' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1079,style,Class 'RuleDivTermAdd' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1090,style,Class 'RuleDivTermAdd2' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1102,style,Class 'RuleDivOpt' has a constructor with 1 argument that is not explicit.























Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1338,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1342,style,The function 'getOpList' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1343,style,The function 'applyOp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1349,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1353,style,The function 'getOpList' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.hh,1354,style,The function 'applyOp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,54,warning,Member variable 'LoopBody::exitblock' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,259,warning,Member variable 'ConditionalJoin::block1' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,259,warning,Member variable 'ConditionalJoin::block2' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,259,warning,Member variable 'ConditionalJoin::exita' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,259,warning,Member variable 'ConditionalJoin::exitb' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,259,warning,Member variable 'ConditionalJoin::cbranch1' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,259,warning,Member variable 'ConditionalJoin::cbranch2' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,259,warning,Member variable 'ConditionalJoin::joinblock' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,54,performance,Variable 'depth' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,54,style,Class 'LoopBody' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,173,style,Class 'TraceDAG' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,113,style,Struct 'BranchPoint' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,221,style,Class 'CollapseStructure' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,259,style,Class 'ConditionalJoin' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,271,style,Class 'ActionNormalizeBranches' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,287,style,Class 'ActionPreferComplement' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,298,style,Class 'ActionBlockStructure' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,311,style,Class 'ActionFinalStructure' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,326,style,Class 'ActionReturnSplit' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,337,style,Class 'ActionNodeJoin' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,272,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,276,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,288,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,292,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,299,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,303,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,312,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,316,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,327,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,331,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,338,style,The function 'clone' overrides a function in a base class

but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,342,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,54,warning,Member variable 'LoopBody::uniquecount' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,259,warning,Member variable 'ConditionalJoin::a\_in1' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,259,warning,Member variable 'ConditionalJoin::a\_in2' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,259,warning,Member variable 'ConditionalJoin::b\_in1' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.hh,259,warning,Member variable 'ConditionalJoin::b\_in2' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,91,warning,Member variable 'ActionStackPtrFlow::analysis\_finished' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,404,performance,Variable 'desciter' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,990,performance,Variable 'slot' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,34,style,Class 'ActionStart' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,46,style,Class 'ActionStop' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,58,style,Class 'ActionStartCleanUp' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,70,style,Class 'ActionStartTypes' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,106,style,Class 'ActionSegmentize' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,118,style,Class 'ActionForceGoto' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,143,style,Class 'ActionMultiCse' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,154,style,Class 'ActionShadowVar' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,167,style,Class 'ActionConstantPtr' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,179,style,Class 'ActionDeindirect' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,190,style,Class 'ActionVarnodeProps' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,227,style,Class 'ActionConstbase' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,238,style,Class 'ActionSpacebase' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,250,style,Class 'ActionHeritage' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,261,style,Class 'ActionNonzeroMask' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,290,style,Class 'ActionSetCasts' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,301,style,Class 'ActionAssignHigh' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,312,style,Class 'ActionMarkIndirectOnly' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,324,style,Class 'ActionMergeRequired' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,336,style,Class 'ActionMergeAdjacent' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,347,style,Class 'ActionMergeCopy' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,358,style,Class 'ActionMergeType' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,389,style,Class 'ActionMarkExplicit' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,382,style,Struct 'OpStackElement' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,410,style,Class 'ActionMarkImplied' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,403,style,Struct 'DescTreeElement' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,430,style,Class 'ActionNameVars' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,441,style,Class 'ActionUnreachable' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,452,style,Class 'ActionDoNothing' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,463,style,Class 'ActionRedundBranch' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,474,style,Class 'ActionDeterminedBranch' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,505,style,Class 'ActionDeadCode' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,516,style,Class 'ActionConditionalConst' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,531,style,Class 'ActionSwitchNorm' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,552,style,Class 'ActionNormalizeSetup' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,568,style,Class 'ActionPrototypeTypes' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,583,style,Class 'ActionDefaultParams' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,619,style,Class 'ActionFuncLink' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,637,style,Class 'ActionFuncLinkOutOnly' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,654,style,Class 'ActionParamDouble' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,672,style,Class 'ActionActiveParam' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,685,style,Class 'ActionActiveReturn' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,721,style,Class 'ActionReturnRecovery' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,735,style,Class 'ActionRestrictLocal' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,759,style,Class 'ActionLikelyTrash' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,773,style,Class 'ActionRestructureVarnode' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,787,style,Class 'ActionRestructureHigh' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,798,style,Class 'ActionMapGlobals' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,812,style,Class 'ActionInputPrototype' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,823,style,Class 'ActionOutputPrototype' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,838,style,Class 'ActionUnjustifiedParams' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,893,style,Class 'ActionInferTypes' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,911,style,Class 'ActionHideShadow' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,923,style,Class 'ActionCopyMarker' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,934,style,Class 'ActionDynamicMapping' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,945,style,Class 'ActionDynamicSymbols' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,956,style,Class 'ActionPrototypeWarnings' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,978,style,Class 'PropagationState' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,1008,style,Class 'TermOrder' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,35,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,39,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,47,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,51,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,59,style,The function 'clone' overrides a function in a base class but









Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,928,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,935,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,939,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,946,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,950,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,957,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,961,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,106,warning,Member variable 'ActionSegmentize::localcount' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,167,warning,Member variable 'ActionConstantPtr::localcount' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,773,warning,Member variable 'ActionRestructureVarnode::numpass' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.hh,893,warning,Member variable 'ActionInferTypes::localcount' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\error.hh,47,performance,Variable 'explain' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\error.hh,47,style,Struct 'LowlevelError' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\error.hh,57,style,Struct 'RecovError' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\error.hh,67,style,Struct 'ParseError' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,162,performance,Variable 'explain' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,35,style,Class 'Attributes' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,97,style,Class 'Element' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,127,style,Class 'TreeHandler' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,162,style,Struct 'XmlError' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,129,style,The function 'setDocumentLocator' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,130,style,The function 'startDocument' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,131,style,The function 'endDocument' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,132,style,The function 'startPrefixMapping' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,133,style,The function 'endPrefixMapping' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,134,style,The function 'startElement' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,136,style,The function 'endElement' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,138,style,The function 'characters' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,139,style,The function 'ignorableWhitespace' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,140,style,The function 'processingInstruction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,141,style,The function 'setVersion' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,142,style,The function 'setEncoding' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,143,style,The function 'skippedEntity' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml.hh,144,style,The function 'setError' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage.hh,115,performance,Variable 'filename' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage.hh,30,style,Struct 'DataUnavailError' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage.hh,75,style,Class 'LoadImage' has a constructor with 1 argument that is





but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\type.hh,372,style,The function 'compare' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\type.hh,373,style,The function 'compareDependency' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\type.hh,374,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\type.hh,375,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,169,performance,Variable 'a' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,169,performance,Variable 'b' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,170,performance,Variable 'a' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,170,performance,Variable 'b' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,171,performance,Variable 'a' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,171,performance,Variable 'b' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,171,style,Class 'CheapSorter' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,191,style,The function 'createRecord' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,193,style,The function 'getRecord' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,194,style,The function 'empty' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,195,style,The function 'clear' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,196,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,197,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,72,warning,Member variable 'CPoolRecord::tag' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,72,warning,Member variable 'CPoolRecord::flags' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,72,warning,Member variable 'CPoolRecord::value' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.hh,72,warning,Member variable 'CPoolRecord::byteDataLen' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,84,performance,Variable 'indentlevel' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,84,performance,Variable 'parenlevel' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,84,performance,Variable 'indentincrement' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,633,performance,Variable 'max' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,634,performance,Variable 'left' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,635,performance,Variable 'right' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,636,style,Class 'circularqueue < int4 >' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,636,style,Class 'circularqueue < int4 >' does not have an operator= which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,636,style,Class 'circularqueue < TokenSplit >' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,636,style,Class 'circularqueue < TokenSplit >' does not have an operator= which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,725,style,Class 'EmitPrettyPrint' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,611,style,Class 'circularqueue < int4 >' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,611,style,Class 'circularqueue < TokenSplit >' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,223,style,The function 'beginDocument' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,224,style,The function 'endDocument' overrides a function in a base class but is not marked with a 'override' specifier.





base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,740,style,The function 'endStatement' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,741,style,The function 'beginFuncProto' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,742,style,The function 'endFuncProto' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,743,style,The function 'tagVariable' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,745,style,The function 'tagOp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,746,style,The function 'tagFuncName' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,747,style,The function 'tagType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,748,style,The function 'tagField' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,749,style,The function 'tagComment' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,751,style,The function 'tagLabel' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,753,style,The function 'print' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,754,style,The function 'openParen' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,755,style,The function 'closeParen' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,756,style,The function 'openGroup' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,757,style,The function 'closeGroup' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,758,style,The function 'clear' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,759,style,The function 'setOutputStream' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,760,style,The function 'getOutputStream' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,761,style,The function 'spaces' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,762,style,The function 'startIndent' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,763,style,The function 'stopIndent' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,764,style,The function 'startComment' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,765,style,The function 'stopComment' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,766,style,The function 'flush' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,767,style,The function 'setMaxLineSize' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,768,style,The function 'getMaxLineSize' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,769,style,The function 'setCommentFill' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,770,style,The function 'emitsXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,636,style,Class 'circularqueue < int >' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,636,style,Class 'circularqueue < int >' does not have a operator= which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.hh,611,style,Class 'circularqueue < int >' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\printlanguage.hh,186,performance,Variable 'vnmod' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\printlanguage.hh,216,performance,Variable 'offset' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\printlanguage.hh,46,style,The function 'initialize' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\emulateutil.hh,145,performance,Variable 'pos' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\emulateutil.hh,74,style,Class 'EmulatePcodeOp' has a constructor with 1 argument that is not explicit.



but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,156,style,The function 'getSubAction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,157,style,The function 'getSubRule' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,162,style,The function 'printStatistics' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,177,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,178,style,The function 'reset' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,179,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,269,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,270,style,The function 'reset' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,271,style,The function 'resetStats' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,272,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,273,style,The function 'print' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,274,style,The function 'printState' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,275,style,The function 'getSubRule' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,276,style,The function 'printStatistics' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,159,style,The function 'turnOnDebug' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,160,style,The function 'turnOffDebug' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,278,style,The function 'turnOnDebug' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,279,style,The function 'turnOffDebug' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,175,warning,Member variable 'ActionRestartGroup::curstart' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\action.hh,266,warning,Member variable 'ActionPool::rule\_index' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.hh,29,performance,Variable 'size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.hh,52,performance,Variable 'start' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.hh,52,performance,Variable 'size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.hh,52,performance,Variable 'sstart' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.hh,52,performance,Variable 'flags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.hh,52,performance,Variable 'lowind' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.hh,52,performance,Variable 'highind' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.hh,140,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.hh,141,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.hh,142,style,The function 'buildVariableName' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.hh,77,warning,Member variable 'AliasChecker::localextreme' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.hh,77,warning,Member variable 'AliasChecker::localboundary' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.hh,77,warning,Member variable 'AliasChecker::aliasboundary' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.hh,77,warning,Member variable 'AliasChecker::direction' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeinject.hh,39,performance,Variable 'index' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeinject.hh,39,performance,Variable 'size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeinject.hh,96,performance,Variable 'name' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeinject.hh,96,performance,Variable 'type' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeinject.hh,96,performance,Variable 'paramshift' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeinject.hh,196,performance,Variable 'tempbase' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeinject.hh,144,style,The function 'getSource' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,267,performance,Variable 'size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,287,performance,Variable 'size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,317,style,Class 'ContextCache' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,279,style,The function 'getVariable' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,280,style,The function 'getVariable' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,281,style,The function 'getRegionForSet' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,283,style,The function 'getRegionToChangePoint' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,284,style,The function 'getDefaultValue' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,285,style,The function 'getDefaultValue' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,289,style,The function 'getContextSize' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,290,style,The function 'registerVariable' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,292,style,The function 'getContext' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,293,style,The function 'getContext' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,295,style,The function 'getTrackedDefault' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,296,style,The function 'getTrackedSet' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,297,style,The function 'createSet' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,299,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,300,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.hh,301,style,The function 'restoreFromSpec' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.hh,68,performance,Variable 'curdepth' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.hh,92,performance,Variable 'delay' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.hh,92,performance,Variable 'deadcodedelay' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.hh,92,performance,Variable 'deadremoved' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.hh,189,style,Class 'Heritage' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\dynamic.hh,34,performance,Variable 'slot' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\dynamic.hh,60,style,The class 'DynamicHash' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\opbehavior.hh,29,style,Struct 'EvaluationError' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\opbehavior.hh,351,style,Class 'OpBehaviorFloatEqual' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\opbehavior.hh,359,style,Class 'OpBehaviorFloatNotEqual' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\opbehavior.hh,367,style,Class 'OpBehaviorFloatLess' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\opbehavior.hh,375,style,Class 'OpBehaviorFloatLessEqual' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\opbehavior.hh,383,style,Class 'OpBehaviorFloatNan' has a constructor with 1























not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,170,style,The function 'printRaw' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,171,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,172,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,188,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,202,style,The function 'saveXmlAttributes' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,203,style,The function 'saveXmlAttributes' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,204,style,The function 'restoreXmlAttributes' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,205,style,The function 'printRaw' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,206,style,The function 'read' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,207,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,208,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,224,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,225,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,457,style,Public interface of AddrSpace is not safe. When calling AddrSpace::byteToAddress(), if parameter ws is 0 that leads to division by zero.

Ghidra\Features\Decompiler\src\decompile\cpp\space.hh,475,style,Public interface of AddrSpace is not safe. When calling AddrSpace::byteToAddressInt(), if parameter ws is 0 that leads to division by zero.

Ghidra\Features\Decompiler\src\decompile\cpp\comment.hh,159,style,The function 'clear' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment.hh,160,style,The function 'clearType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment.hh,161,style,The function 'addComment' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment.hh,163,style,The function 'addCommentNoDuplicate' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment.hh,164,style,The function 'deleteComment' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment.hh,165,style,The function 'beginComment' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment.hh,166,style,The function 'endComment' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment.hh,167,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment.hh,168,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.hh,77,style,The function 'initialize' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.hh,286,style,The function 'resolve' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\partmap.hh,48,style,The class 'partmap < Address , unsigned int >' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\address.cc,44,performance,Variable 'uniq' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\address.cc,725,style,The scope of the variable 'cur' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\address.cc,605,portability,Shifting a negative value is technically undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\address.cc,619,portability,Shifting a negative value is technically undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\address.cc,41,warning,Member variable 'SeqNum::order' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\address.cc,748,error,Shifting 32-bit value by 32 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\address.cc,750,error,Shifting 32-bit value by 32 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\address.cc,755,error,Shifting 32-bit value by 32 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\address.cc,756,error,Shifting 32-bit value by 32 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\address.cc,757,error,Shifting 32-bit value by 32 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\address.cc,808,warning,Shifting 32-bit value by 63 bits is undefined behaviour. See condition at line 807.

Ghidra\Features\Decompiler\src\decompile\cpp\address.cc,817,error,Shifting 32-bit value by 63 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,719,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,129,style,The scope of the variable 't\_op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,89,performance,Variable 'trim\_recurse\_max' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,90,performance,Variable 'max\_implied\_ref' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,91,performance,Variable 'max\_term\_duplication' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,92,performance,Variable 'max\_basetype\_size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,93,performance,Variable 'min\_funcsymbol\_size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,97,performance,Variable 'pointer\_lowerbound' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,98,performance,Variable 'funcptr\_align' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,99,performance,Variable 'flowoptions' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,110,style,Class 'Architecture' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,110,style,Class 'Architecture' does not have a operator= which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,1151,performance,Variable 'numfunc' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,1155,performance,Variable 'castcount' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,1156,performance,Variable 'lastcastcount' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\architecture.cc,1157,performance,Variable 'castcountsq' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.hh,152,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.hh,32,style,The scope of the variable 'c' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.hh,63,style,The function 'initialize' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.hh,64,style,The function 'addRegister' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.hh,65,style,The function 'getRegister' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.hh,66,style,The function 'getRegisterName' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.hh,67,style,The function 'getAllRegisters' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.hh,68,style,The function 'getUserOpNames' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.hh,69,style,The function 'instructionLength' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.hh,70,style,The function 'oneInstruction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.hh,71,style,The function 'printAssembly' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.hh,151,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.hh,153,style,The function 'getOpList' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.hh,154,style,The function 'applyOp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,165,warning,Member variable 'TraverseDescendState::onestep' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,38,performance,Variable 'type' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,69,performance,Variable 'constindex' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,79,performance,Variable 'val' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,89,performance,Variable 'varindex' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,98,performance,Variable 'varindex' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,107,performance,Variable 'varindex' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,116,performance,Variable 'varindex' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,125,performance,Variable 'varindex' is assigned in constructor body. Consider performing initialization in initialization list.





Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,465,performance,Variable 'varindex\_in' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,465,performance,Variable 'varindex\_out' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,479,performance,Variable 'const1index' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,479,performance,Variable 'const2index' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,559,performance,Variable 'opindex' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,559,performance,Variable 'varindex' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,574,performance,Variable 'opindex' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,586,performance,Variable 'opindex' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,599,performance,Variable 'opindex' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,639,performance,Variable 'opparam' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,639,performance,Variable 'printingtype' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,39,style,Class 'UnifyDatatype' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,69,style,Class 'ConstantNamed' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,79,style,Class 'ConstantAbsolute' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,89,style,Class 'ConstantNZMask' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,98,style,Class 'ConstantConsumed' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,107,style,Class 'ConstantOffset' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,116,style,Class 'ConstantIsConstant' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,125,style,Class 'ConstantHeritageKnown' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,134,style,Class 'ConstantVarnodeSize' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,155,style,Class 'TraverseConstraint' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,165,style,Class 'TraverseDescendState' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,180,style,Class 'TraverseCountState' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,191,style,Class 'TraverseGroupState' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,225,style,Class 'DummyOpConstraint' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,237,style,Class 'DummyVarnodeConstraint' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,249,style,Class 'DummyConstConstraint' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,613,style,Class 'UnifyState' has a constructor with 1 argument that is not explicit.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,71,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,72,style,The function 'getConstant' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,73,style,The function 'writeExpression' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,81,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,82,style,The function 'getConstant' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,83,style,The function 'writeExpression' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,90,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.hh,91,style,The function 'getConstant' overrides a function in a base class but is not marked with a 'override' specifier.











Ghidra\Features\Decompiler\src\decompile\cpp\context.hh,133,warning,Member variable 'ParserWalker::breadcrumb' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.hh,198,warning,Member variable 'PcodeBuilder::walker' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.hh,49,performance,Variable 'value\_real' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.hh,51,performance,Variable 'value' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.hh,51,performance,Variable 'value\_real' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.hh,171,performance,Variable 'delayslot' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.hh,171,performance,Variable 'numlabels' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.hh,198,performance,Variable 'labelcount' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.hh,53,style,Class 'ConstTpl' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.hh,54,style,Class 'ConstTpl' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.hh,117,style,Class 'HandleTpl' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.hh,143,style,Class 'OpTpl' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.hh,198,style,Class 'PcodeBuilder' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,361,warning,Member variable 'StartSymbol::const\_space' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,378,warning,Member variable 'EndSymbol::const\_space' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,563,warning,Member variable 'SubtableSymbol::beingbuilt' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,563,warning,Member variable 'SubtableSymbol::errors' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,37,performance,Variable 'name' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,37,performance,Variable 'id' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,60,performance,Variable 'id' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,121,performance,Variable 'templateid' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,121,performance,Variable 'define\_count' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,121,performance,Variable 'ref\_count' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,135,performance,Variable 'index' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,219,performance,Variable 'valuetable' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,235,performance,Variable 'nametable' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,270,performance,Variable 'bitoffset' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,270,performance,Variable 'numbits' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,592,performance,Variable 'index' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,608,performance,Variable 'index' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,608,performance,Variable 'refcount' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,37,style,Class 'SleighSymbol' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,102,style,Class 'SpaceSymbol' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,110,style,Class 'TokenSymbol' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,135,style,Class 'UserOpSymbol' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,149,style,Class 'TripleSymbol' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,160,style,Class 'FamilySymbol' has a constructor with 1 argument









Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,444,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,455,style,The function 'validate' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,456,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,457,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,458,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,459,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,574,style,The function 'resolve' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,575,style,The function 'getPatternExpression' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,576,style,The function 'getFixedHandle' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,578,style,The function 'getSize' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,579,style,The function 'print' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,581,style,The function 'getType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,582,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,583,style,The function 'saveXmlHeader' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,584,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,600,style,The function 'getType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,614,style,The function 'getType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.hh,37,warning,Member variable 'SleighSymbol::scopeid' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.hh,63,warning,Member variable 'LanguageDescription::isbigendian' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.hh,63,warning,Member variable 'LanguageDescription::deprecated' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.hh,92,warning,The class 'SleighArchitecture' defines member variable with name 'description' also defined in its parent class 'Architecture'.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.hh,102,style,The function 'buildTranslator' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.hh,103,style,The function 'buildPcodeInjectLibrary' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.hh,104,style,The function 'buildSpecFile' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.hh,105,style,The function 'modifySpaces' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.hh,106,style,The function 'resolveArchitecture' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.hh,113,style,The function 'printMessage' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.hh,63,warning,Member variable 'LanguageDescription::size' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.hh,39,style,'TokenPattern::operator=' should return 'TokenPattern &'.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.hh,62,performance,Variable 'refcount' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.hh,132,performance,Variable 'val' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.hh,175,performance,Variable 'index' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.hh,327,performance,Variable 'base' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.hh,327,performance,Variable 'offset' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.hh,327,performance,Variable 'cur\_rightmost' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.hh,327,performance,Variable 'size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.hh,342,performance,Variable 'refcount' is assigned in constructor













Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.hh,163,style,The function 'alwaysInstructionTrue' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.hh,164,style,The function 'doOr' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.hh,165,style,The function 'doAnd' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.hh,166,style,The function 'commonSubPattern' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.hh,167,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.hh,168,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.hh,45,style,The function 'addRegister' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.hh,46,style,The function 'getRegister' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.hh,47,style,The function 'getRegisterName' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.hh,48,style,The function 'getAllRegisters' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.hh,49,style,The function 'getUserOpNames' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.hh,86,style,The function 'dump' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.hh,99,style,The function 'appendBuild' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.hh,100,style,The function 'delaySlot' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.hh,101,style,The function 'setLabel' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.hh,102,style,The function 'appendCrossBuild' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.hh,120,style,The function 'initialize' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.hh,121,style,The function 'registerContext' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.hh,122,style,The function 'setContextDefault' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.hh,123,style,The function 'allowContextSet' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.hh,124,style,The function 'instructionLength' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.hh,125,style,The function 'oneInstruction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.hh,126,style,The function 'printAssembly' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.hh,56,style,The function 'loadFill' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.hh,57,style,The function 'openSymbols' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.hh,58,style,The function 'closeSymbols' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.hh,59,style,The function 'getNextSymbol' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.hh,60,style,The function 'openSectionInfo' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.hh,61,style,The function 'closeSectionInfo' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.hh,62,style,The function 'getNextSection' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.hh,63,style,The function 'getReadOnly' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.hh,64,style,The function 'getArchType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.hh,65,style,The function 'adjustVma' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\bfd\_arch.hh,32,style,The function 'buildArchitecture' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\bfd\_arch.hh,33,style,The function 'isFileMatch' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\bfd\_arch.hh,34,style,The function 'isXmlMatch' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\bfd\_arch.hh,40,style,The function 'buildLoader' overrides a function in a base class

but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\bfd\_arch.hh,41,style,The function 'resolveArchitecture' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\bfd\_arch.hh,42,style,The function 'postSpecFile' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\bfd\_arch.hh,44,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\bfd\_arch.hh,45,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,1065,style,The if condition is the same as the previous if condition

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,1200,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,1551,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,2155,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,2351,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,2509,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,2517,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,2990,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,2999,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,2018,style,Variable 'needrebuild' is reassigned a value before the old one has been used.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,1124,style,The scope of the variable 'curbl' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,1378,style,The scope of the variable 'bbout' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,1853,style,The scope of the variable 'bl' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,1873,style,The scope of the variable 'bl' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,1897,style,The scope of the variable 'domb1' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,2331,style,The scope of the variable 'op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,2397,style,The scope of the variable 'bop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,2484,style,The scope of the variable 'inst' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,823,style,Local variable i shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,825,style,Local variable i shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,747,style,Unused variable: tmp

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,50,warning,Member variable 'FlowBlock::copymap' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,53,performance,Variable 'flags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,54,performance,Variable 'index' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,55,performance,Variable 'visitcount' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,1925,style,The scope of the variable 'i' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\block.cc,50,warning,Member variable 'FlowBlock::numdesc' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,1611,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,2052,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,2053,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,2103,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,2139,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,2195,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,2196,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,2200,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,2314,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,2316,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,2317,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,2332,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,1304,style,The scope of the variable 'orb1ock' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,1464,style,The scope of the variable 'clauseblock' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,1501,style,The scope of the variable 'clauseblock' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,1003,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,1848,warning,Member variable 'CollapseStructure::finaltrace' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,1848,warning,Member variable 'CollapseStructure::likelylistfull' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,552,performance,Variable 'depth' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,553,performance,Variable 'pathout' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,563,performance,Variable 'pathout' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,582,performance,Variable 'flags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,584,performance,Variable 'pathout' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,599,performance,Variable 'flags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,601,performance,Variable 'pathout' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,604,performance,Variable 'edgelump' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,947,performance,Variable 'activecount' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,1851,performance,Variable 'dataflow\_changecount' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\blockaction.cc,944,warning,Member variable 'TraceDAG::misedactivecount' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\callgraph.hh,42,warning,Member variable 'CallGraphEdge::from' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\callgraph.hh,42,warning,Member variable 'CallGraphEdge::to' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\callgraph.hh,42,performance,Variable 'flags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\callgraph.hh,67,performance,Variable 'flags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\callgraph.hh,67,performance,Variable 'parentedge' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\callgraph.hh,87,performance,Variable 'outslot' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\callgraph.hh,87,style,Struct 'LeafIterator' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\callgraph.hh,106,style,Class 'CallGraph' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\callgraph.hh,42,warning,Member variable 'CallGraphEdge::complement' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.cc,178,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\cast.cc,179,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\cast.cc,225,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\cast.cc,227,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\cast.cc,351,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\cast.cc,353,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\cast.cc,184,style,Same expression on both sides of '|'|.

Ghidra\Features\Decompiler\src\decompile\cpp\cast.cc,316,style,Same expression on both sides of '|'|.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,84,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,65,performance,Variable 'mnemonicpad' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,36,style,The function 'registerCommands' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,66,style,The function 'dump' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,84,style,The function 'setData' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,85,style,The function 'getModule' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,86,style,The function 'createData' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,94,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,99,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,104,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,109,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,114,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,119,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,124,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,129,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,134,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,139,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,144,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.





Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,495,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,496,style,The function 'iterationCallback' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,501,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,506,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,511,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,516,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,521,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,526,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,531,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,536,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,541,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,553,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,559,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,564,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,569,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,574,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,579,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,584,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,589,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.hh,547,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.cc,721,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.cc,722,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.cc,742,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.cc,401,style,Variable 'iter' is reassigned a value before the old one has been used.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.cc,289,style,Variable 'codevec.back().size' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.hh,59,style,The class 'DisassemblyEngine' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.hh,91,performance,Variable 'a' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.hh,91,performance,Variable 'b' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.hh,92,performance,Variable 'a' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.hh,92,performance,Variable 'b' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.hh,91,style,Struct 'AddrLink' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.hh,27,style,The function 'registerCommands' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.hh,69,style,The function 'dump' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.hh,150,style,The function 'setData' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.hh,151,style,The function 'getModule' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.hh,152,style,The function 'createData' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.hh,157,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\codedata.hh,162,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.





that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\grammar.hh,195,style,Struct 'Enumerator' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\grammar.hh,135,style,The function 'getType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\grammar.hh,136,style,The function 'isValid' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\grammar.hh,137,style,The function 'modType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\grammar.hh,145,style,The function 'getType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\grammar.hh,146,style,The function 'isValid' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\grammar.hh,147,style,The function 'modType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\grammar.hh,158,style,The function 'getType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\grammar.hh,159,style,The function 'isValid' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\grammar.hh,160,style,The function 'modType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\grammar.hh,195,warning,Member variable 'Enumerator::value' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\ifaceterm.hh,33,style,The function 'readLine' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\paramid.hh,56,warning,Member variable 'ParamMeasure::numcalls' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\comment\_ghidra.cc,41,style,Variable 'iter' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\comment\_ghidra.cc,42,style,Variable 'iterend' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.hh,36,performance,Variable 'type' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.hh,71,style,The function 'buildGlobalScope' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.hh,72,style,The function 'buildTranslator' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.hh,73,style,The function 'buildLoader' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.hh,74,style,The function 'buildPcodeInjectLibrary' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.hh,75,style,The function 'buildTypegrp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.hh,76,style,The function 'buildCommentDB' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.hh,77,style,The function 'buildConstantPool' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.hh,78,style,The function 'buildContext' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.hh,79,style,The function 'buildSpecFile' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.hh,80,style,The function 'modifySpaces' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.hh,81,style,The function 'postSpecFile' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.hh,82,style,The function 'resolveArchitecture' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.hh,127,style,The function 'printMessage' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment\_ghidra.hh,36,style,Class 'CommentDatabaseGhidra' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\comment\_ghidra.hh,37,style,The function 'clear' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment\_ghidra.hh,38,style,The function 'clearType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment\_ghidra.hh,41,style,The function 'addComment' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment\_ghidra.hh,43,style,The function 'addCommentNoDuplicate' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment\_ghidra.hh,44,style,The function 'deleteComment' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment\_ghidra.hh,46,style,The function 'beginComment' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment\_ghidra.hh,47,style,The function 'endComment' overrides a function in a

base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment\_ghidra.hh,48,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\comment\_ghidra.hh,50,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,406,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,597,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,650,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,745,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,746,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,870,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,641,style,The scope of the variable 'rvn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,781,style,The scope of the variable 'init2a\_true\_copy' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,782,style,The scope of the variable 'iblock2posta\_true\_copy' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,787,style,The scope of the variable 'directsplit\_copy' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,18,warning,Member variable 'ConditionMarker::matchflip' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,18,warning,Member variable 'ConditionMarker::opstate' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,18,warning,Member variable 'ConditionMarker::flipstate' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,18,warning,Member variable 'ConditionMarker::multion' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,18,warning,Member variable 'ConditionMarker::binon' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,780,style,The scope of the variable 'prea\_inslot\_copy' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,783,style,The scope of the variable 'camethruposta\_slot\_copy' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,784,style,The scope of the variable 'posta\_outslot\_copy' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,18,warning,Member variable 'ConditionMarker::state' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,18,warning,Member variable 'ConditionMarker::slotstate' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.cc,18,warning,Member variable 'ConditionMarker::multislot' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,163,warning,Member variable 'ConditionalExecution::cbranch' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,163,warning,Member variable 'ConditionalExecution::initblock' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,163,warning,Member variable 'ConditionalExecution::iblock' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,163,warning,Member variable 'ConditionalExecution::init2a\_true' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,163,warning,Member variable 'ConditionalExecution::iblock2posta\_true' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,163,warning,Member variable 'ConditionalExecution::posta\_block' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,163,warning,Member variable 'ConditionalExecution::postb\_block' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,163,warning,Member variable 'ConditionalExecution::directsplit' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,163,style,Class 'ConditionalExecution' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,174,style,Class 'ActionConditionalExe' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,228,style,Class 'RuleOrPredicate' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,175,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,179,style,The function 'apply' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,229,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,233,style,The function 'getOpList' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,234,style,The function 'applyOp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,163,warning,Member variable 'ConditionalExecution::prea\_inslot' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,163,warning,Member variable

'ConditionalExecution::camethruposta\_slot' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\condexe.hh,163,warning,Member variable 'ConditionalExecution::posta\_outslot' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\consolemain.cc,23,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\consolemain.cc,28,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\consolemain.cc,33,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\consolemain.cc,38,style,The function 'execute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\consolemain.cc,221,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\context.cc,149,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\context.cc,23,performance,Variable 'parsestate' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\context.cc,27,style,Class 'ParserContext' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\context.cc,27,style,Class 'ParserContext' does not have a operator= which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,384,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,557,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,758,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,777,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,1001,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,1002,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,1951,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2044,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2052,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2059,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2746,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2774,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2811,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,3372,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,3399,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,3894,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,3897,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,3917,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,4075,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,4085,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,4098,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,4232,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,4291,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,4293,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,835,style,The scope of the variable 'outvn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,1158,style,The scope of the variable 'fc' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,1939,style,The scope of the variable 'ct' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2224,style,The scope of the variable 'spc' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2643,style,The scope of the variable 'storeop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2643,style,The scope of the variable 'callop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2644,style,The scope of the variable 'defvn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2685,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2743,style,The scope of the variable 'bb' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,3423,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,3566,style,The scope of the variable 'othervn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,4194,style,The scope of the variable 'ptr' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,4334,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,4374,style,The scope of the variable 'multop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,4474,style,The scope of the variable 'actmainloop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,4476,style,The scope of the variable 'actprop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,4476,style,The scope of the variable 'actprop2' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,4478,style,The scope of the variable 'actstackstall' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,1674,style,Local variable i shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,3374,style,Local variable i shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,3404,style,Local variable vn shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,4066,style,Local variable invn shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2153,style,Variable '(\*iter).second.ct' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2154,style,Variable '(\*iter).second.namerec' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2684,style,Unused variable: oiter

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2408,performance,Variable 'slot' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2409,performance,Variable 'slotback' is assigned in constructor

body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,774,style,The scope of the variable 'startoffset' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,3323,style,The scope of the variable 'i' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,29,style,The class 'StackSolver' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,1801,error,Shifting 32-bit value by 32 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\coreaction.cc,2871,error,Shifting 32-bit value by 32 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,90,style,The class 'AddForm' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,107,style,The class 'SubForm' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,123,style,The class 'LogicalForm' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,136,style,The class 'Equal1Form' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,149,style,The class 'Equal2Form' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,163,style,The class 'Equal3Form' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,174,style,The class 'LessThreeWay' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,210,style,The class 'LessConstForm' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,220,style,The class 'ShiftForm' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,240,style,The class 'MultForm' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,266,style,The class 'PhiForm' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,279,style,The class 'IndirectForm' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,293,style,Class 'RuleDoubleIn' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,305,style,Class 'RuleDoubleLoad' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,294,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,298,style,The function 'reset' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,299,style,The function 'getOpList' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,300,style,The function 'applyOp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,306,style,The function 'clone' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,310,style,The function 'getOpList' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\double.hh,311,style,The function 'applyOp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cover.cc,158,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\cover.cc,161,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\cover.cc,396,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\cover.cc,453,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\cover.cc,454,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\cover.cc,480,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\cover.cc,527,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\cover.cc,465,style,The scope of the variable 'ustart' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\cover.cc,465,style,The scope of the variable 'ustop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool.cc,237,warning,Missing bounds check for extra iterator increment in loop.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool\_ghidra.hh,36,style,Class 'ConstantPoolGhidra' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool\_ghidra.hh,34,style,The function 'createRecord' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool\_ghidra.hh,37,style,The function 'getRecord' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool\_ghidra.hh,38,style,The function 'empty' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool\_ghidra.hh,39,style,The function 'clear' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool\_ghidra.hh,40,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\cpool\_ghidra.hh,41,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database.cc,257,style,The scope of the variable 'res' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\database.cc,1927,style,The scope of the variable 'syn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\database.cc,1769,style,Variable 'oldname' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\database.cc,26,performance,Variable 'extraflags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\database.cc,27,performance,Variable 'offset' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\database.cc,28,performance,Variable 'hash' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\database.cc,29,performance,Variable 'size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\database.cc,56,performance,Variable 'extraflags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\database.cc,57,performance,Variable 'addr' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\database.cc,603,performance,Variable 'refaddr' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\database.cc,1340,style,Throwing a copy of the caught exception instead of rethrowing the original exception.

Ghidra\Features\Decompiler\src\decompile\cpp\database.cc,1492,style,Throwing a copy of the caught exception instead of rethrowing the original exception.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.cc,24,style,Class 'ScopeGhidra' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.cc,24,style,Class 'ScopeGhidra' does not have a operator= which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.cc,20,warning,Member variable 'ScopeGhidra::flagbaseDefault' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,57,style,Class 'ScopeGhidra' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,47,style,The function 'addRange' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,48,style,The function 'removeRange' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,51,style,The function 'addSymbolInternal' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,52,style,The function 'addMapInternal' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,54,style,The function 'addDynamicMapInternal' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,67,style,The function 'clear' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,68,style,The function 'addSymbol' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,70,style,The function 'buildVariableName' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,74,style,The function 'buildUndefinedName' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,75,style,The function 'setAttribute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,76,style,The function 'clearAttribute' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,77,style,The function 'setDisplayFormat' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,79,style,The function 'findAddr' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,80,style,The function 'findContainer' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,82,style,The function 'findClosestFit' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,85,style,The function 'findFunction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,86,style,The function 'findExternalRef' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,87,style,The function 'findCodeLabel' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,88,style,The function 'resolveExternalRefFunction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,90,style,The function 'findOverlap' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,91,style,The function 'findBefore' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,92,style,The function 'findAfter' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,93,style,The function 'findByName' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,95,style,The function 'begin' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,96,style,The function 'end' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,97,style,The function 'beginDynamic' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,98,style,The function 'endDynamic' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,99,style,The function 'beginDynamic' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,100,style,The function 'endDynamic' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,101,style,The function 'clearCategory' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,102,style,The function 'clearUnlockedCategory' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,103,style,The function 'clearUnlocked' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,104,style,The function 'restrictScope' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,105,style,The function 'removeSymbol' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,106,style,The function 'renameSymbol' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,107,style,The function 'retypeSymbol' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,108,style,The function 'makeNameUnique' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,109,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,110,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,111,style,The function 'printEntries' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,112,style,The function 'getCategorySize' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,113,style,The function 'getCategorySymbol' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,114,style,The function 'setCategory' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\database\_ghidra.hh,127,style,The function 'addMapInternal' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\double.cc,453,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\double.cc,765,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\double.cc,766,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\double.cc,1776,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\double.cc,1779,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\double.cc,21,performance,Variable 'val' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\double.cc,22,performance,Variable 'wholesize' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\dynamic.cc,310,error,Shifting 32-bit value by 32 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\dynamic.cc,380,error,Shifting 32-bit value by 49 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\dynamic.cc,381,error,Shifting 32-bit value by 52 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\dynamic.cc,472,error,Shifting 32-bit value by 32 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\dynamic.cc,484,error,Shifting 32-bit value by 44 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\dynamic.cc,493,error,Shifting 32-bit value by 37 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\dynamic.cc,502,error,Shifting 32-bit value by 49 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\dynamic.cc,511,error,Shifting 32-bit value by 52 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\dynamic.cc,520,error,Shifting 32-bit value by 48 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\dynamic.cc,530,error,Shifting 32-bit value by 49 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\emulate.cc,106,performance,Variable 'uniq' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\float.cc,245,style,Same value in both branches of ternary operator.

Ghidra\Features\Decompiler\src\decompile\cpp\float.cc,53,performance,Variable 'size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\float.cc,255,information,Skipping configuration 'INFINITY;\_WINDOWS' since the value of 'INFINITY' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.

Ghidra\Features\Decompiler\src\decompile\cpp\flow.cc,1195,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\flow.cc,89,style,The scope of the variable 'retop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\flow.cc,540,style,The scope of the variable 'fallthruflag' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\flow.cc,882,style,The scope of the variable 'op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\flow.cc,997,style,The scope of the variable 'bs' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\flow.cc,997,style,The scope of the variable 'targ\_bs' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\flow.cc,1184,style,Variable '(\*viter).second.seqnum' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\flow.cc,851,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\flow.cc,418,style,Throwing a copy of the caught exception instead of rethrowing the original exception.

Ghidra\Features\Decompiler\src\decompile\cpp\flow.cc,432,style,Throwing a copy of the caught exception instead of rethrowing the original exception.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,1426,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,1442,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,1459,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,2043,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,2044,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,2054,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,2778,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,2325,style,The scope of the variable 'entry' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,3611,style,Local variable num shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,640,style,Variable 'exclusion' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,41,performance,Variable 'flags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,43,performance,Variable 'group' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,44,performance,Variable 'groupsize' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,406,performance,Variable 'numgroup' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,407,performance,Variable 'entry' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,409,performance,Variable 'maxdelay' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,410,performance,Variable 'pointermax' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,412,performance,Variable 'nonfloatgroup' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,1241,performance,Variable 'slotbase' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,1242,performance,Variable 'stackplaceholder' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,1243,performance,Variable 'numpasses' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,1244,performance,Variable 'maxpass' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,1509,performance,Variable 'address' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,1510,performance,Variable 'type' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,1618,performance,Variable 'extrapop' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,1619,performance,Variable 'injectUponEntry' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,1620,performance,Variable 'injectUponReturn' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,1635,performance,Variable 'name' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,1636,performance,Variable 'extrapop' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,2280,performance,Variable 'restricted\_usepoint' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,2789,performance,Variable 'flags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,2790,performance,Variable 'injectid' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,3771,performance,Variable 'effective\_extrapop' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,3772,performance,Variable 'stackoffset' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,3773,performance,Variable 'stackPlaceholderSlot' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,3774,performance,Variable 'paramshift' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\fspec.cc,2784,warning,Member variable 'FuncProto::extrapop' is not initialized in

the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.cc,3768,warning,Member variable 'FuncCallSpecs::matchCallCount' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.cc,631,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.cc,646,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.cc,479,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.cc,547,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.cc,803,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.cc,34,performance,Variable 'flags' is assigned in constructor body.

Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.cc,35,performance,Variable 'clean\_up\_index' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.cc,36,performance,Variable 'high\_level\_index' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.cc,37,performance,Variable 'cast\_phase\_index' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.cc,865,style,The scope of the variable 'op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata.cc,205,style,The scope of the variable 'numspace' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,94,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,191,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,259,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,358,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,368,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,373,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,966,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,185,style,The scope of the variable 'op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,244,style,The scope of the variable 'deadop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,415,style,The scope of the variable 'jt' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,434,style,The scope of the variable 'jt' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,652,style,The scope of the variable 'op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,799,style,The scope of the variable 'b\_op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,799,style,The scope of the variable 'prime\_op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,354,style,Local variable i shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,367,style,Local variable i shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,372,style,Local variable i shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,301,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,143,style,The scope of the variable 'i' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,246,style,The scope of the variable 'i' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,246,style,The scope of the variable 'j' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_block.cc,246,style,The scope of the variable 'blocknum' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_op.cc,1198,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_op.cc,326,style,The scope of the variable 'previousop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_op.cc,363,style,The scope of the variable 'nextop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_op.cc,359,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_op.cc,1258,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_op.cc,1274,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_op.cc,1275,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_varnode.cc,395,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_varnode.cc,438,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_varnode.cc,1069,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_varnode.cc,304,style,The scope of the variable 'high' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_varnode.cc,329,style,The scope of the variable 'invn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_varnode.cc,699,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_varnode.cc,810,style,The scope of the variable 'ct' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_varnode.cc,1094,style,The scope of the variable 'newvn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_varnode.cc,1095,style,The scope of the variable 'newop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_varnode.cc,565,style,The scope of the variable 'i' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_varnode.cc,925,style,The scope of the variable 'flags' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_varnode.cc,1029,style,The scope of the variable 'i' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_varnode.cc,1053,style,The scope of the variable 'i' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\funcdata\_varnode.cc,1097,style,The scope of the variable 'slot' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.cc,276,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_arch.cc,187,style,Variable 'type' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_ghidra.hh,42,performance,Variable 'source' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_ghidra.hh,86,style,Class 'PcodeInjectLibraryGhidra' has a constructor with 1





Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_ghidra.hh,39,style,The function 'adjustVmø' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_translate.hh,41,style,Class 'GhidraTranslate' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_translate.hh,43,style,The function 'initialize' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_translate.hh,44,style,The function 'addRegister' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_translate.hh,46,style,The function 'getRegister' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_translate.hh,47,style,The function 'getRegisterName' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_translate.hh,48,style,The function 'getAllRegisters' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_translate.hh,50,style,The function 'getUserOpNames' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_translate.hh,51,style,The function 'oneInstruction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_translate.hh,52,style,The function 'instructionLength' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_translate.hh,54,style,The function 'printAssembly' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\typegrp\_ghidra.hh,34,style,Class 'TypeFactoryGhidra' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\typegrp\_ghidra.hh,32,style,The function 'findById' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_context.cc,23,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.cc,406,warning,Member variable 'SetOptions::res' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.cc,40,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,58,style,The function 'initialize' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,107,style,The function 'loadParameters' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,108,style,The function 'sendResult' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,111,style,The function 'rawAction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,121,style,The function 'loadParameters' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,122,style,The function 'sendResult' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,125,style,The function 'rawAction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,136,style,The function 'sendResult' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,139,style,The function 'rawAction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,154,style,The function 'loadParameters' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,156,style,The function 'rawAction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,172,style,The function 'loadParameters' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,174,style,The function 'rawAction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,206,style,The function 'loadParameters' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,207,style,The function 'sendResult' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,210,style,The function 'rawAction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,224,style,The function 'loadParameters' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,225,style,The function 'sendResult' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,230,style,The function 'rawAction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,80,warning,Member variable 'GhidraCommand::status' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\ghidra\_process.hh,119,style,The class 'DeregisterProgram' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.cc,570,warning,Member variable 'ContextCache::context' is not

initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.cc,296,warning,'operator=' should check for assignment to self to avoid problems with dynamic memory.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.cc,26,performance,Variable 'word' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.cc,570,warning,Member variable 'ContextCache::first' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\globalcontext.cc,570,warning,Member variable 'ContextCache::last' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\graph.cc,119,style,The scope of the variable 'op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\graph.cc,175,style,The scope of the variable 'op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\graph.cc,71,style,The scope of the variable 'start' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\graph.cc,71,style,The scope of the variable 'stop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,321,style,The if condition is the same as the previous if condition

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,368,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,430,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,1163,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,1242,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,1515,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,1539,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,1575,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,1619,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,620,style,The scope of the variable 'op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,1309,style,The scope of the variable 'x' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,1381,style,The scope of the variable 'child' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,1641,style,The scope of the variable 'spc' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,1656,style,The scope of the variable 'space' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,1007,style,Local variable i shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,139,performance,Variable 'pass' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,140,performance,Variable 'maxdepth' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,473,style,The scope of the variable 'flags' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,879,style,The scope of the variable 'cursize' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,1310,style,The scope of the variable 'l' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,1428,style,The scope of the variable 'j' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\heritage.cc,1593,style,The scope of the variable 'max' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,1847,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,2673,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,1804,style,The scope of the variable 'start\_time' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,1804,style,The scope of the variable 'end\_time' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,1805,style,The scope of the variable 'duration' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,1858,style,The scope of the variable 'start\_time' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,1858,style,The scope of the variable 'end\_time' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,1859,style,The scope of the variable 'duration' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,2064,style,The scope of the variable 'start\_time' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,2064,style,The scope of the variable 'end\_time' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,2065,style,The scope of the variable 'duration' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,2109,style,The scope of the variable 'start\_time' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,2109,style,The scope of the variable 'end\_time' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,2110,style,The scope of the variable 'duration' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifacedecomp.cc,2003,style,Unused variable: res

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeparse.hh,63,warning,Member variable 'PcodeLexer::curchar' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeparse.hh,63,warning,Member variable 'PcodeLexer::lookahead1' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeparse.hh,63,warning,Member variable 'PcodeLexer::lookahead2' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeparse.hh,63,warning,Member variable 'PcodeLexer::curtoken' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeparse.hh,63,warning,Member variable 'PcodeLexer::endofstream' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeparse.hh,63,warning,Member variable 'PcodeLexer::endofstreamsent' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeparse.hh,81,style,Class 'PcodeSnippet' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeparse.hh,78,style,The function 'allocateTemp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeparse.hh,79,style,The function 'addSymbol' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeparse.hh,85,style,The function 'reportError' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeparse.hh,63,warning,Member variable 'PcodeLexer::curstate' is not initialized

in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeparse.hh,63,warning,Member variable 'PcodeLexer::tokpos' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeparse.hh,63,warning,Member variable 'PcodeLexer::curnum' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodecompile.hh,54,performance,Variable 'local\_labelcount' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodecompile.hh,34,style,Class 'ExprTree' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodecompile.hh,35,style,Class 'ExprTree' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\ifaceterm.cc,115,style,The scope of the variable 'onecharecho' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifaceterm.cc,114,style,The scope of the variable 'lastlen' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ifaceterm.cc,26,performance,Variable 'ifd' is assigned in constructor body.

Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_ghidra.cc,51,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_ghidra.cc,115,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.cc,285,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.cc,303,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.cc,323,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.cc,332,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.cc,403,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.cc,423,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.cc,434,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.cc,258,style,Local variable iter shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.cc,37,performance,Variable 'source' is assigned in constructor body.

Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,94,style,Unused private function:

'PcodeInjectLibrarySleigh::registerDynamicInject'

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,90,warning,The class 'PcodeInjectLibrarySleigh' defines member variable with name 'glb' also defined in its parent class 'PcodeInjectLibrary'.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,54,style,Class 'InjectPayloadCallfixup' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,60,style,Class 'InjectPayloadCallother' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,28,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,39,style,The function 'inject' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,40,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,41,style,The function 'printTemplate' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,42,style,The function 'getSource' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,55,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,61,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,72,style,The function 'inject' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,73,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,74,style,The function 'printTemplate' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,84,style,The function 'inject' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,85,style,The function 'printTemplate' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,86,style,The function 'getSource' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,97,style,The function 'allocateInject' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,98,style,The function 'registerInject' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,101,style,The function 'restoreDebug' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,102,style,The function 'manualCallFixup' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,103,style,The function 'manualCallOtherFixup' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,105,style,The function 'getCacheContext' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\inject\_sleigh.hh,106,style,The function 'getBehaviors' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\interface.cc,43,performance,Variable 'prompt' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\interface.cc,44,performance,Variable 'maxhistory' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\interface.cc,45,performance,Variable 'curhistory' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\interface.cc,333,style,The scope of the variable 'res' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,367,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,873,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,881,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1042,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1171,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1280,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1358,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1416,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1740,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1762,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1778,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1789,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1796,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1869,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1936,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,893,style,Variable 'bl' is reassigned a value before the old one has been used.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,462,style,The scope of the variable 'curvn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,868,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1128,style,The scope of the variable 'normop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,220,style,Variable '(\*lastiter).num' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,62,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,514,performance,Variable 'indpath' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,515,performance,Variable 'range' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1431,performance,Variable 'startingvalue' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1432,performance,Variable 'hash' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1960,performance,Variable 'mostcommon' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1961,performance,Variable 'maxtablesiz' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1962,performance,Variable 'maxaddsub' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1963,performance,Variable 'maxleftright' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1964,performance,Variable 'maxext' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1965,performance,Variable 'recoverystage' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1976,performance,Variable 'mostcommon' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1977,performance,Variable 'maxtablesiz' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1978,performance,Variable 'maxaddsub' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1979,performance,Variable 'maxleftright' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1980,performance,Variable 'maxext' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1981,performance,Variable 'recoverystage' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1984,performance,Variable 'addresstable' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1985,performance,Variable 'loadpoints' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1986,performance,Variable 'opaddress' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,964,style,The scope of the variable 'sz' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1102,style,The scope of the variable 'val' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1102,style,The scope of the variable 'addr' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1170,style,The scope of the variable 'val' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1244,style,The scope of the variable 'diff' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1255,style,The scope of the variable 'buffer' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\jumptable.cc,1886,style,The scope of the variable 'diff' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage.cc,40,performance,Variable 'vma' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage.cc,43,performance,Variable 'filesize' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage.cc,87,style,The scope of the variable 'readsize' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.cc,22,warning,Member variable 'LoadImageBfd::number\_of\_symbols' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.cc,22,warning,Member variable 'LoadImageBfd::cursymbol' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.cc,22,warning,Member variable 'LoadImageBfd::secinfopt' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.cc,25,performance,Variable 'target' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.cc,37,style,Class 'LoadImageBfd' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.cc,37,style,Class 'LoadImageBfd' does not have a operator= which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.cc,102,style,The scope of the variable 'start' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_bfd.cc,102,style,The scope of the variable 'stop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_xml.cc,94,style,Unused variable: chnkiter

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_xml.cc,103,style,The scope of the variable 'val' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_xml.hh,43,style,The function 'loadFill' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_xml.hh,44,style,The function 'openSymbols' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_xml.hh,45,style,The function 'getNextSymbol' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_xml.hh,46,style,The function 'getReadOnly' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_xml.hh,47,style,The function 'getArchType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\loadimage\_xml.hh,48,style,The function 'adjustVma' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\memstate.cc,104,style,The scope of the variable 'ptr' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\memstate.cc,147,style,The scope of the variable 'ptr' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\memstate.cc,77,performance,Variable 'wordsize' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\memstate.cc,78,performance,Variable 'pagesize' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\memstate.cc,604,performance,Variable 'collideskip' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\memstate.cc,607,performance,Variable 'alignshift' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\memstate.cc,303,style,The scope of the variable 'cursize' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\memstate.cc,306,style,The scope of the variable 'offalign' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\memstate.cc,307,style,The scope of the variable 'skip' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\memstate.cc,336,style,The scope of the variable 'cursize' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\memstate.cc,338,style,The scope of the variable 'offalign' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\memstate.cc,339,style,The scope of the variable 'skip' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,261,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,349,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,560,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,573,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,196,style,The scope of the variable 'high' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,292,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,341,style,The scope of the variable 'op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,396,style,The scope of the variable 'insertop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,470,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,497,style,The scope of the variable 'addtried' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,721,style,The scope of the variable 'insertop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,788,style,The scope of the variable 'op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,875,style,The scope of the variable 'vn1' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,588,style,The scope of the variable 'nexttrim' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,673,style,The scope of the variable 'bound' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\merge.cc,734,style,The scope of the variable 'slot' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\op.cc,40,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\op.cc,48,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\op.cc,50,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\op.cc,206,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\op.cc,676,style,The scope of the variable 'op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\op.cc,796,style,The scope of the variable 'retop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\op.cc,203,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\op.cc,222,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\op.cc,74,performance,Variable 'flags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\op.cc,75,performance,Variable 'addlflags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\op.cc,382,style,The scope of the variable 'sz2' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\opbehavior.cc,181,style,The scope of the variable 'bit1' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\opbehavior.cc,181,style,The scope of the variable 'bit2' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\opbehavior.cc,201,style,The scope of the variable 'bit1' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\opbehavior.cc,201,style,The scope of the variable 'bit2' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\opcodes.cc,70,style,The scope of the variable 'cur' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\opcodes.cc,70,style,The scope of the variable 'ind' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\options.cc,345,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\options.cc,360,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\options.cc,375,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,38,style,The function 'buildLanguage' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,159,style,The function 'pushConstant' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,161,style,The function 'pushEquate' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,163,style,The function 'pushAnnotation' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,164,style,The function 'pushSymbol' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,166,style,The function 'pushUnnamedLocation' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,168,style,The function 'pushPartialSymbol' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,170,style,The function 'pushMismatchSymbol' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,177,style,The function 'printUnicode' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,178,style,The function 'pushType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,182,style,The function 'emitExpression' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,183,style,The function 'emitVarDecl' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,184,style,The function 'emitVarDeclStatement' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,185,style,The function 'emitScopeVarDecls' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,186,style,The function 'emitFunctionDeclaration' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,188,style,The function 'checkPrintNegation' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,199,style,The function 'adjustTypeOperators' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,200,style,The function 'setCommentStyle' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,201,style,The function 'isCharacterConstant' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,202,style,The function 'docTypeDefinitions' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,203,style,The function 'docAllGlobals' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,204,style,The function 'docSingleGlobal' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,205,style,The function 'docFunction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,207,style,The function 'emitBlockBasic' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,208,style,The function 'emitBlockGraph' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,209,style,The function 'emitBlockCopy' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,210,style,The function 'emitBlockGoto' overrides a function in a base class but is not marked with a 'override' specifier.







Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,285,style,The function 'opSegmentOp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,286,style,The function 'opCpoolRefOp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.hh,287,style,The function 'opNewOp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\override.cc,398,style,Expression is always false because 'else if' condition matches previous condition at line 393.

Ghidra\Features\Decompiler\src\decompile\cpp\paramid.cc,268,style,Variable 'pm\_iter' is reassigned a value before the old one has been used.

Ghidra\Features\Decompiler\src\decompile\cpp\paramid.cc,274,style,Variable 'pm\_iter' is reassigned a value before the old one has been used.

Ghidra\Features\Decompiler\src\decompile\cpp\paramid.cc,79,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\paramid.cc,211,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\paramid.cc,155,performance,Function parameter 'tag' should be passed by const reference.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodecompile.cc,110,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\pcodecompile.cc,28,style,Class 'ExprTree' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\pcodecompile.cc,28,style,Class 'ExprTree' does not have a operator= which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\pcodeinject.cc,106,performance,Variable 'source' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\prefersplit.cc,541,error,Uninitialized struct member: templ.splitoffset

Ghidra\Features\Decompiler\src\decompile\cpp\prefersplit.cc,544,error,Uninitialized variable: templ

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.cc,336,style,The scope of the variable 'tenspaces' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.cc,543,style,Class 'EmitPrettyPrint' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.cc,543,style,Class 'EmitPrettyPrint' does not have a operator= which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.cc,539,warning,Member variable 'EmitPrettyPrint::lefttotal' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\prettyprint.cc,539,warning,Member variable 'EmitPrettyPrint::righttotal' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,126,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,128,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,130,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,236,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,238,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,244,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,524,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,676,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,693,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,748,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,877,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,896,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,932,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,971,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1366,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1368,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1374,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1376,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1384,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1394,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1396,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1400,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1526,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1575,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1590,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1927,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1929,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,2641,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,2647,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1218,style,The scope of the variable 'foundTerminator' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,2224,style,The scope of the variable 'separator' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,754,style,Local variable ct shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,2459,style,Local variable id shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,1687,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,101,performance,Variable 'nullToken' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,2216,style,Throwing a copy of the caught exception instead of rethrowing the original exception.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,2607,style,The scope of the variable 'i' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,2607,style,The scope of the variable 'num' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\printc.cc,2608,style,The scope of the variable 'val' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\printjava.cc,62,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printjava.cc,118,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printjava.cc,288,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printjava.cc,305,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printjava.hh,34,style,The function 'buildLanguage' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printjava.hh,59,style,The function 'printUnicode' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printjava.hh,62,style,The function 'pushTypeStart' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printjava.hh,63,style,The function 'pushTypeEnd' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printjava.hh,64,style,The function 'doEmitWideCharPrefix' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printjava.hh,65,style,The function 'adjustTypeOperators' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printjava.hh,66,style,The function 'opLoad' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printjava.hh,67,style,The function 'opStore' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printjava.hh,68,style,The function 'opCallind' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printjava.hh,69,style,The function 'opCpoolRefOp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\printlanguage.cc,735,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\printlanguage.cc,111,performance,Variable 'name' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\printlanguage.cc,113,style,Class 'PrintLanguage' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\printlanguage.cc,113,style,Class 'PrintLanguage' does not have a operator= which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\printlanguage.cc,871,error,Shifting 32-bit value by 63 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\rangeutil.cc,496,style,Argument '1-slot' to function getIn is always 1

Ghidra\Features\Decompiler\src\decompile\cpp\rangeutil.cc,130,performance,Variable 'mask' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\rangeutil.cc,142,performance,Variable 'left' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\rangeutil.cc,143,performance,Variable 'mask' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\rangeutil.cc,144,performance,Variable 'step' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\rangeutil.cc,145,performance,Variable 'shift' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\rangeutil.cc,146,performance,Variable 'right' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\rangeutil.cc,157,performance,Variable 'mask' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\raw\_arch.cc,74,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\raw\_arch.hh,29,style,The function 'buildArchitecture' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\raw\_arch.hh,30,style,The function 'isFileMatch' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\raw\_arch.hh,31,style,The function 'isXmlMatch' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\raw\_arch.hh,37,style,The function 'buildLoader' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\raw\_arch.hh,38,style,The function 'resolveArchitecture' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\raw\_arch.hh,39,style,The function 'postSpecFile' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\raw\_arch.hh,41,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\raw\_arch.hh,42,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,769,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,818,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,5407,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,5606,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,5661,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,5765,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,5807,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,6026,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,6031,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,166,style,The scope of the variable 'vn2' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,836,style,The scope of the variable 'prevop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,1596,style,The scope of the variable 'newvn2' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,2366,style,The scope of the variable 'newvn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,2958,style,The scope of the variable 'compop' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,3511,style,The scope of the variable 'othervn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,3850,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,5309,style,The scope of the variable 'vnterm' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,5644,style,The scope of the variable 'sub\_ct' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,5700,style,The scope of the variable 'ct' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,4383,style,Local variable val shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,7866,style,Variable 'lessequalop' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,167,style,The scope of the variable 'coef2' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,6176,warning,Shifting 32-bit value by 63 bits is undefined behaviour. See condition at line 6174.

Ghidra\Features\Decompiler\src\decompile\cpp\ruleaction.cc,6383,warning,Shifting 32-bit value by 63 bits is undefined behaviour. See condition at line 6382.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.hh,39,style,The class 'ReplaceVarnode' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.hh,48,style,The class 'ReplaceOp' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.hh,58,style,The class 'PatchRecord' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.hh,173,style,The class 'ReplaceVarnode' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.hh,180,style,The class 'ReplaceOp' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.hh,190,style,The class 'PulloutRecord' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.hh,197,style,The class 'CompareRecord' does not have a constructor although it has private member variables.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.cc,829,style,The scope of the variable 'initc' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.cc,373,warning,Member variable 'RuleLexer::s' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.cc,373,warning,Member variable 'RuleLexer::identifier' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.cc,373,warning,Member variable 'RuleLexer::endofstream' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.cc,397,performance,Variable 'errors' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.cc,850,performance,Variable 'starterops' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.cc,851,performance,Variable 'opinit' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.cc,27,style,The function 'loadFill' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.cc,28,style,The function 'getArchType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\rulecompile.cc,29,style,The function 'adjustVma' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.cc,932,style,The scope of the variable 'op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.cc,29,performance,Variable 'value\_real' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.cc,48,performance,Variable 'value\_real' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\semantics.cc,571,performance,Variable 'space' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.cc,227,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.cc,265,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.cc,169,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.cc,256,performance,Variable 'uniquemask' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.cc,24,style,Class 'PcodeCacher' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.cc,24,style,Class 'PcodeCacher' does not have a operator= which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.cc,420,style,Class 'Sleigh' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.cc,420,style,Class 'Sleigh' does not have a operator= which is recommended

since it has dynamic memory/resource allocation(s).

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.cc,667,style,Throwing a copy of the caught exception instead of rethrowing the original exception.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.cc,497,style,The scope of the variable 'oper' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.cc,497,style,The scope of the variable 'numoper' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.cc,546,style,The scope of the variable 'oper' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh.cc,546,style,The scope of the variable 'numoper' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.cc,288,performance,Variable 'filename' is assigned in constructor body.

Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.cc,289,performance,Variable 'target' is assigned in constructor body.

Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.cc,174,performance,Inefficient usage of string::find() in condition;

string::compare() would be faster.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.cc,176,performance,Inefficient usage of string::find() in condition;

string::compare() would be faster.

Ghidra\Features\Decompiler\src\decompile\cpp\sleigh\_arch.cc,284,warning,Member variable 'SleighArchitecture::languageindex' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,41,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,50,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,56,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,57,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,78,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,79,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,97,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,229,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,74,style,The scope of the variable 'sym' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,123,style,Local variable point shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,114,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,227,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,22,performance,Variable 'maxdelayslotbytes' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,23,performance,Variable 'unique\_allocatemask' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighbase.cc,24,performance,Variable 'numSections' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighexample.cc,72,performance,Variable 'baseaddr' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighexample.cc,72,performance,Variable 'length' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighexample.cc,73,style,The function 'loadFill' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighexample.cc,74,style,The function 'getArchType' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighexample.cc,75,style,The function 'adjustVma' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighexample.cc,104,style,The function 'dump' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighexample.cc,133,style,The function 'dump' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighexample.cc,186,style,The function 'addressCallback' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighexample.cc,215,style,The function 'addressCallback' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighexample.cc,239,style,The function 'addressCallback' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighexample.cc,114,style,The scope of the variable 'length' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\sleighexample.cc,165,style,The scope of the variable 'length' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,2170,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,2182,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,2698,style,Variable 'iter' is reassigned a value before the old one has been used.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,33,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,202,style,The scope of the variable 'tabsym' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,1294,style,The scope of the variable 'ct' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,1331,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,1332,style,The scope of the variable 'hand' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,1295,style,Local variable i shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,1053,style,Variable '(\*iter).second.readop' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,1054,style,Variable '(\*iter).second.readcount' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,1055,style,Variable '(\*iter).second.inslot' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,1056,style,Variable '(\*iter).second.readsection' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,1059,style,Variable '(\*iter).second.writeop' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,1060,style,Variable '(\*iter).second.writecount' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,1061,style,Variable '(\*iter).second.writesection' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,2698,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,76,performance,Variable 'nextindex' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,92,performance,Variable 'name' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,93,performance,Variable 'type' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,94,performance,Variable 'size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,95,performance,Variable 'wordsize' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,102,performance,Variable 'name' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,103,performance,Variable 'low' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,104,performance,Variable 'high' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,190,performance,Variable 'unnecessaryopcode' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,191,performance,Variable 'readnowrite' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,192,performance,Variable 'writenoread' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,1500,style,The scope of the variable 'j' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.cc,1728,style,The scope of the variable 'sz' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,73,warning,Member variable 'WithBlock::ss' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,92,performance,Variable 'writeop' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,92,performance,Variable 'readop' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,92,performance,Variable 'inslot' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,92,performance,Variable 'writecount' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,92,performance,Variable 'readcount' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,92,performance,Variable 'writesection' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,92,performance,Variable 'readsection' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,92,performance,Variable 'opttype' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,56,style,Struct 'SpaceQuality' has a constructor with 1 argument that is not explicit.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,151,style,The function 'dump' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,160,style,The function 'appendBuild' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,161,style,The function 'delaySlot' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,162,style,The function 'setLabel' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,163,style,The function 'appendCrossBuild' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,168,style,The function 'allocateTemp' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,169,style,The function 'reportError' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,170,style,The function 'addSymbol' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,284,style,The function 'initialize' overrides a function in a base

class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,285,style,The function 'instructionLength' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,286,style,The function 'oneInstruction' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slgh\_compile.hh,287,style,The function 'printAssembly' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.cc,800,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.cc,128,style,Variable 'endbit' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.cc,618,performance,Variable 'startbit' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.cc,619,performance,Variable 'endbit' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.cc,620,performance,Variable 'startbyte' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.cc,621,performance,Variable 'endbyte' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.cc,622,performance,Variable 'shift' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.cc,141,style,The scope of the variable 'tmpstart' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.cc,483,error,Shifting 32-bit value by 32 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\slghpatexpress.cc,508,error,Shifting 32-bit value by 32 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,548,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,551,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,553,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,586,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,615,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,616,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,649,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,731,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,732,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,738,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,739,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,742,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,743,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,762,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,763,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,782,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,783,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,801,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,802,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,962,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,166,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,167,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,205,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,206,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,935,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,228,performance,Variable 'offset' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,238,performance,Variable 'offset' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,301,style,The scope of the variable 'mask1' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,301,style,The scope of the variable 'val1' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,302,style,The scope of the variable 'resval' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,329,style,The scope of the variable 'mask1' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,329,style,The scope of the variable 'commonmask' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,330,style,The scope of the variable 'resmask' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,330,style,The scope of the variable 'resval' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,358,style,The scope of the variable 'tmplength' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,359,style,The scope of the variable 'mask1' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,359,style,The scope of the variable 'value1' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,359,style,The scope of the variable 'value2' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,384,style,The scope of the variable 'mask1' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slghpattern.cc,384,style,The scope of the variable 'mask2' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,287,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,298,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,530,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,611,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,693,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,810,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,835,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,929,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,939,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1096,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1106,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1596,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1624,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1925,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,2026,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,2467,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,2517,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,106,style,The scope of the variable 'res' can be reduced.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,121,style,The scope of the variable 'sym' can be reduced.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,271,style,The scope of the variable 'sym' can be reduced.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,335,style,The scope of the variable 'scope' can be reduced.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,344,style,The scope of the variable 'sym' can be reduced.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1920,style,The scope of the variable 'pat' can be reduced.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,288,style,Local variable i shadows outer variable  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,300,style,Local variable i shadows outer variable  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1618,style,Local variable id shadows outer variable  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,774,performance,Variable 'low' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,775,performance,Variable 'high' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,951,performance,Variable 'flags' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,952,performance,Variable 'hand' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1358,performance,Variable 'firstwhitespace' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1359,performance,Variable 'flowthruindex' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1370,performance,Variable 'firstwhitespace' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,2006,performance,Variable 'num' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,2007,performance,Variable 'startbit' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,2008,performance,Variable 'bitsize' is assigned in constructor body.  
Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,418,style,Class 'PatternlessSymbol' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,418,style,Class 'PatternlessSymbol' does not have a operator= which is recommended since it has dynamic memory/resource allocation(s).  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,953,style,Class 'OperandSymbol' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,953,style,Class 'OperandSymbol' does not have a operator= which is recommended since it has dynamic memory/resource allocation(s).  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1119,style,Class 'StartSymbol' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1119,style,Class 'StartSymbol' does not have a operator= which is recommended since it has dynamic memory/resource allocation(s).  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1183,style,Class 'EndSymbol' does not have a copy constructor which is recommended since it has dynamic memory/resource allocation(s).  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1183,style,Class 'EndSymbol' does not have a operator= which is recommended since it has dynamic memory/resource allocation(s).  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1591,style,The scope of the variable 'id' can be reduced.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,2035,style,The scope of the variable 'val' can be reduced.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,2049,style,The scope of the variable 'mask' can be reduced.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,2067,style,The scope of the variable 'mask' can be reduced.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,2512,style,The scope of the variable 'id' can be reduced.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,2065,warning,Shifting 32-bit value by 32 bits is undefined behaviour. See condition at line 2068.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,2065,warning,Either the condition 'size==8\*sizeof(unsigned int)' is redundant or there is signed integer overflow for expression '1<<size'.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1351,warning,Member variable 'Constructor::minimumlength' is not initialized in the constructor.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1351,warning,Member variable 'Constructor::id' is not initialized in the constructor.  
Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1351,warning,Member variable 'Constructor::lineno' is not initialized



in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1363,warning,Member variable 'Constructor::minimallength' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1363,warning,Member variable 'Constructor::id' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1363,warning,Member variable 'Constructor::flowthruindex' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,1363,warning,Member variable 'Constructor::lineno' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\slghsymbol.cc,2065,warning,Either the condition 'size==8\*sizeof(unsigned long)' is redundant or there is signed integer overflow for expression '1<<size'.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,592,style,Variable 'szsum' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,597,style,Variable 'szsum' is assigned a value that is never used.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,74,warning,Member variable 'AddrSpace::shortcut' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,48,performance,Variable 'refcount' is assigned in constructor body.

Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,52,performance,Variable 'name' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,53,performance,Variable 'addressSize' is assigned in constructor body.

Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,54,performance,Variable 'wordsize' is assigned in constructor body.

Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,55,performance,Variable 'index' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,56,performance,Variable 'delay' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,57,performance,Variable 'deadcodedelay' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,60,performance,Variable 'flags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,77,performance,Variable 'refcount' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,81,performance,Variable 'flags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,82,performance,Variable 'wordsize' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,287,style,The scope of the variable 'expsize' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,74,warning,Member variable 'AddrSpace::highest' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,74,warning,Member variable 'AddrSpace::addressSize' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,74,warning,Member variable 'AddrSpace::index' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,74,warning,Member variable 'AddrSpace::delay' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,74,warning,Member variable 'AddrSpace::deadcodedelay' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,238,error,Shifting 32-bit value by 32 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\space.cc,240,error,Shifting 32-bit value by 48 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.cc,1989,warning,Identical inner 'if' condition is always true.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.cc,260,style,The scope of the variable 'outvn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.cc,691,style,The scope of the variable 'outvn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.cc,1387,style,The scope of the variable 'newvn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.cc,1406,style,The scope of the variable 'outvn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.cc,1754,style,The scope of the variable 'outvn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.cc,1168,warning,Member variable 'ReplaceVarnode::vn' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.cc,1183,performance,Variable 'numParams' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.cc,1536,performance,Variable 'concatSize' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.cc,2015,performance,Variable 'precision' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\subflow.cc,1039,warning,Member variable 'SubvariableFlow::pullcount' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.cc,294,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\translate.cc,38,warning,Member variable 'SpacebaseSpace::baseLoc' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.cc,38,warning,Member variable 'SpacebaseSpace::baseOrig' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.cc,153,performance,Variable 'joinallocate' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.cc,665,performance,Variable 'unique\_base' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\translate.cc,666,performance,Variable 'alignment' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1618,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1623,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1638,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1651,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1723,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1725,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1738,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1754,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1758,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1770,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1782,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1786,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1789,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1803,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1816,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1828,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1839,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1854,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1883,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,2082,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,549,style,The scope of the variable 'fieldisempty' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1334,style,The scope of the variable 'ct' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1897,style,The scope of the variable 'ct' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,285,style,Local variable i shadows outer variable

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,2153,style,Unused variable: metasting

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1196,warning,Member variable 'TypeFactory::enumtype' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,534,performance,Variable 'namemap' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,535,performance,Variable 'masklist' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1200,performance,Variable 'sizeofInt' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1201,performance,Variable 'align' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1202,performance,Variable 'enumsz' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,546,style,The scope of the variable 'lastmask' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,726,style,The scope of the variable 'end' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1553,style,The scope of the variable 'val' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,1565,style,The scope of the variable 'val' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,318,error,Shifting 32-bit value by 56 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\type.cc,324,error,Shifting 32-bit value by 63 bits is undefined behaviour

Ghidra\Features\Decompiler\src\decompile\cpp\typeop.cc,27,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\typeop.cc,373,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\typeop.cc,398,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\typeop.cc,399,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\typeop.cc,435,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\typeop.cc,1657,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\typeop.cc,546,style,The scope of the variable 'ct' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\typeop.cc,597,style,The scope of the variable 'td' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\typeop.cc,599,style,The scope of the variable 'ct' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\typeop.cc,152,performance,Variable 'name' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\typeop.cc,153,performance,Variable 'opflags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\typeop.cc,154,performance,Variable 'addlflags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,378,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,394,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,438,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,478,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,503,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,527,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,563,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,593,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,619,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,627,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,657,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,682,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,713,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,743,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,767,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,797,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,835,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,843,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,878,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,907,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,935,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1029,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1036,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1154,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1161,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1231,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1281,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1321,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1371,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1417,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1444,style,C-style pointer casting  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1039,style,The scope of the variable 'subtraverse' can be reduced.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1047,style,Variable 'subtraverse' is assigned a value that is never used.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1063,style,Variable 'subtraverse' is assigned a value that is never used.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1071,style,Variable 'subtraverse' is assigned a value that is never used.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,53,warning,'operator=' should check for assignment to self to avoid problems with dynamic memory.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,22,performance,Variable 'type' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,39,performance,Variable 'type' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1220,performance,Variable 'newopindex' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1221,performance,Variable 'oldopindex' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1224,performance,Variable 'numparams' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1270,performance,Variable 'opindex' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1271,performance,Variable 'newvarindex' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,1272,performance,Variable 'sizevarindex' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\unify.cc,94,warning,Class UnifyDatatype is not safe, destructor throws exception  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,121,warning,Member variable 'SegmentOp::spc' is not initialized in the constructor.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,121,warning,Member variable 'SegmentOp::basepresent' is not initialized in the constructor.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,121,warning,Member variable 'SegmentOp::forcesegment' is not initialized in the constructor.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,121,warning,Member variable 'SegmentOp::supportsfarpointer' is not initialized in the constructor.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,272,performance,Variable 'index2case' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,273,performance,Variable 'index2addr' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,274,performance,Variable 'defaultaddr' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,275,performance,Variable 'calcsz' is assigned in constructor body. Consider performing initialization in initialization list.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,461,style,Throwing a copy of the caught exception instead of rethrowing the original exception.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,480,style,Throwing a copy of the caught exception instead of rethrowing the original exception.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,491,style,Throwing a copy of the caught exception instead of rethrowing the original exception.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,510,style,Throwing a copy of the caught exception instead of rethrowing the original exception.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,527,style,Throwing a copy of the caught exception instead of rethrowing the original exception.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,556,style,Throwing a copy of the caught exception instead of rethrowing the original exception.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,252,style,The scope of the variable 'sz' can be reduced.  
Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,121,warning,Member variable 'SegmentOp::baseinsize' is not initialized

in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\userop.cc,121,warning,Member variable 'SegmentOp::innerinsize' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\variable.cc,314,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\variable.cc,25,performance,Variable 'numMergeClasses' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\variable.cc,26,performance,Variable 'highflags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\variable.cc,27,performance,Variable 'flags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\variable.cc,30,performance,Variable 'symboloffset' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.cc,609,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.cc,611,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.cc,366,style,The scope of the variable 'indexvn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.cc,369,style,The scope of the variable 'nonadduse' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.cc,603,style,The scope of the variable 'ct' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.cc,49,warning,Member variable 'ScopeLocal::stackgrowsnegative' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.cc,49,warning,Member variable 'ScopeLocal::overlapproblems' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.cc,22,performance,Variable 'size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.cc,53,performance,Variable 'qflags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.cc,462,warning,Member variable 'MapState::glb' is not initialized in the constructor.

Ghidra\Features\Decompiler\src\decompile\cpp\varmap.cc,602,style,The scope of the variable 'offset' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.cc,868,style,The scope of the variable 'othervn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.cc,1018,style,The scope of the variable 'op' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.cc,1042,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.cc,1062,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.cc,1090,style,The scope of the variable 'vn' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.cc,296,performance,Prefer prefix ++/-- operators for non-primitive types.

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.cc,475,performance,Variable 'size' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.cc,480,performance,Variable 'consumed' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.cc,482,performance,Variable 'mergegroup' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.cc,483,performance,Variable 'addlflags' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.cc,798,performance,Variable 'uniqbase' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.cc,799,performance,Variable 'uniqid' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.cc,800,performance,Variable 'create\_index' is assigned in constructor body. Consider performing initialization in initialization list.

Ghidra\Features\Decompiler\src\decompile\cpp\varnode.cc,694,style,The scope of the variable 'i' can be reduced.

Ghidra\Features\Decompiler\src\decompile\cpp\xml\_arch.cc,75,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\xml\_arch.cc,100,style,C-style pointer casting

Ghidra\Features\Decompiler\src\decompile\cpp\xml\_arch.hh,28,style,The function 'buildArchitecture' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml\_arch.hh,29,style,The function 'isFileMatch' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml\_arch.hh,30,style,The function 'isXmlMatch' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml\_arch.hh,36,style,The function 'buildLoader' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml\_arch.hh,38,style,The function 'postSpecFile' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml\_arch.hh,40,style,The function 'saveXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\Decompiler\src\decompile\cpp\xml\_arch.hh,41,style,The function 'restoreXml' overrides a function in a base class but is not marked with a 'override' specifier.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,67,portability,%x in format string (no. 4) requires 'unsigned int' but the argument type is 'ULONGLONG {aka unsigned long long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,136,portability,%x in format string (no. 4) requires 'unsigned int' but the argument type is 'ULONGLONG {aka unsigned long long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,210,portability,%x in format string (no. 3) requires 'unsigned int' but the argument type is 'ULONGLONG {aka unsigned long long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,325,portability,%x in format string (no. 3) requires 'unsigned int' but the argument

type is 'DWORD {aka unsigned long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,325,portability,%x in format string (no. 4) requires 'unsigned int' but the argument type is 'DWORD {aka unsigned long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,325,portability,%x in format string (no. 5) requires 'unsigned int' but the argument type is 'DWORD {aka unsigned long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,358,portability,%x in format string (no. 3) requires 'unsigned int' but the argument type is 'DWORD {aka unsigned long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,358,portability,%x in format string (no. 4) requires 'unsigned int' but the argument type is 'ULONGLONG {aka unsigned long long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,413,portability,%x in format string (no. 3) requires 'unsigned int' but the argument type is 'DWORD {aka unsigned long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,435,portability,%i in format string (no. 2) requires 'int' but the argument type is 'DWORD {aka unsigned long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,435,portability,%x in format string (no. 3) requires 'unsigned int' but the argument type is 'DWORD {aka unsigned long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,475,portability,%x in format string (no. 2) requires 'unsigned int' but the argument type is 'DWORD {aka unsigned long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,481,portability,%x in format string (no. 2) requires 'unsigned int' but the argument type is 'DWORD {aka unsigned long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,515,portability,%x in format string (no. 4) requires 'unsigned int' but the argument type is 'DWORD {aka unsigned long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,515,portability,%x in format string (no. 5) requires 'unsigned int' but the argument type is 'ULONGLONG {aka unsigned long long}'.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,291,style,Checking if unsigned expression 'length' is less than zero.

Ghidra\Features\PDB\src\pdb\cpp\iterate.cpp,469,style,Local variable pSym shadows outer variable

Ghidra\Features\PDB\src\pdb\cpp\pdb.cpp,54,portability,%x in format string (no. 1) requires 'unsigned int' but the argument type is 'HRESULT {aka signed long}'.

Ghidra\Features\PDB\src\pdb\cpp\pdb.cpp,121,portability,%ld in format string (no. 4) requires 'long' but the argument type is 'DWORD {aka unsigned long}'.

Ghidra\Features\PDB\src\pdb\cpp\print.cpp,165,portability,%ld in format string (no. 2) requires 'long' but the argument type is 'ULONGLONG {aka unsigned long long}'.

Ghidra\Features\PDB\src\pdb\cpp\print.cpp,187,portability,%x in format string (no. 1) requires 'unsigned int' but the argument type is 'DWORD {aka unsigned long}'.

Ghidra\Features\PDB\src\pdb\cpp\print.cpp,187,portability,%x in format string (no. 2) requires 'unsigned int' but the argument type is 'DWORD {aka unsigned long}'.

Ghidra\Features\PDB\src\pdb\cpp\symbol.cpp,187,portability,%x in format string (no. 1) requires 'unsigned int' but the argument type is 'DWORD {aka unsigned long}'.

Ghidra\Features\PDB\src\pdb\cpp\symbol.cpp,195,portability,%x in format string (no. 2) requires 'unsigned int' but the argument type is 'ULONGLONG {aka unsigned long long}'.

Ghidra\Test\TestResources\src\cpp\VersionTracking\Mod1\Gadget.h,29,style,Class 'Gadget' has a constructor with 1 argument that is not explicit.

Ghidra\Test\TestResources\src\cpp\VersionTracking\Mod2\Gadget.h,30,style,Class 'Gadget' has a constructor with 1 argument that is not explicit.

Ghidra\Test\TestResources\src\cpp\VersionTracking\Original\Gadget.h,29,style,Class 'Gadget' has a constructor with 1 argument that is not explicit.

Ghidra\Test\TestResources\src\cpp\decomp\decomp.c,816,style,The scope of the variable 'local\_14' can be reduced.

GhidraDocs\GhidraClass\Advanced\Examples\animals.cpp,28,performance,Variable 'name' is assigned in constructor body. Consider performing initialization in initialization list.

GhidraDocs\GhidraClass\Advanced\Examples\animals.cpp,46,style,The function 'printSound' overrides a function in a base class but is not marked with a 'override' specifier.

GhidraDocs\GhidraClass\Advanced\Examples\animals.cpp,47,style,The function 'printSpecificFact' overrides a function in a base class but is not marked with a 'override' specifier.

GhidraDocs\GhidraClass\Advanced\Examples\animals.cpp,48,style,The function 'getAnimalAge' overrides a function in a base class but is not marked with a 'override' specifier.

GhidraDocs\GhidraClass\Advanced\Examples\animals.cpp,58,style,The function 'printSound' overrides a function in a base class but is not marked with a 'override' specifier.

GhidraDocs\GhidraClass\Advanced\Examples\animals.cpp,59,style,The function 'printSpecificFact' overrides a function in a base class but is not marked with a 'override' specifier.

GhidraDocs\GhidraClass\Advanced\Examples\animals.cpp,60,style,The function 'getAnimalAge' overrides a function in a base class but is not marked with a 'override' specifier.

GhidraDocs\GhidraClass\Advanced\Examples\animals.cpp,25,performance,Function parameter 'n' should be passed by const reference.

GhidraDocs\GhidraClass\Advanced\Examples\animals.cpp,43,performance,Function parameter 'n' should be passed by const reference.

GhidraDocs\GhidraClass\Advanced\Examples\animals.cpp,55,performance,Function parameter 'n' should be passed by const reference.

GhidraDocs\GhidraClass\Advanced\Examples\opaque.c,36,warning,%ld in format string (no. 1) requires 'long' but the argument type is 'unsigned long'.

GhidraDocs\GhidraClass\AdvancedDevelopment\ghidra-format\body.c,23,style,Same expression on both sides of '%'

GhidraDocs\GhidraClass\ExerciseFiles\VersionTracking\Source\Mod1\Gadget.h,29,style,Class 'Gadget' has a constructor with 1 argument that is not explicit.

GhidraDocs\GhidraClass\ExerciseFiles\VersionTracking\Source\Mod2\Gadget.h,30,style,Class 'Gadget' has a constructor with 1 argument that is not explicit.

GhidraDocs\GhidraClass\ExerciseFiles\VersionTracking\Source\Original\Gadget.h,29,style,Class 'Gadget' has a constructor with 1 argument that is not explicit.  
GhidraDocs\GhidraClass\ExerciseFiles\WinhelloCPP\source\Gadget.h,29,style,Class 'Gadget' has a constructor with 1 argument that is not explicit.