

pointer:0x7fdbb8cd1010

SgSourceFile

root node

SgNode* p_parent : 0x71e080

bool p_isModified : 1

bool p_containsTransformation : 0

\$CLASSNAME* p_freepointer : 0xffffffffffff

Sg_File_Info* p_startOfConstruct : 0x7fdb4790080

SgStringList p_originalCommandLineArgumentList : [pdfGenerator, -c, package_with_body.ads]

int p_verbose : 0

bool p_output_warnings : 0

bool p_C_only : 0

bool p_Cxx_only : 0

bool p_Fortran_only : 0

bool p_CoArrayFortran_only : 0

int p_upc_threads : 0

bool p_Java_only : 0

bool p_Jovial_only : 0

bool p_X10_only : 0

bool p_PHP_only : 0

bool p_Python_only : 0

bool p_Cuda_only : 0

bool p_OpenCL_only : 0

bool p_Csharp_only : 0

bool p_Ada_only : 1

bool p_Cobol_only : 0

bool p_requires_C_preprocessor : 0

bool p_binary_only : 0

SgFile::outputFormatOption_enum p_inputFormat : 2

SgFile::outputFormatOption_enum p_outputFormat : 2

SgFile::outputFormatOption_enum p_backendCompileFormat : 2

bool p_fortran_implicit_none : 0

bool p_openmp : 0

bool p_openmp_parse_only : 1

bool p_openmp_ast_only : 0

bool p_openmp_lowering : 0

bool p_openacc : 0

bool p_openacc_parse_only : 0

bool p_openacc_ast_only : 0

bool p_cray_pointer_support : 0

bool p_failsafe : 0

bool p_output_parser_actions : 0

bool p_exit_after_parser : 0

bool p_skip_syntax_check : 0

bool p_skip_parser : 0

bool p_relax_syntax_check : 0

bool p_skip_translation_from_edg_ast_to_rose_ast : 0

bool p_skip_transformation : 0

bool p_skip_unparse : 0

bool p_skipfinalCompileStep : 0

bool p_unparse_includes : 0

bool p_unparse_line_directives : 0

bool p_unparse_function_calls_using_operator_syntax : 0

bool p_unparse_function_calls_using_operator_names : 0

bool p_unparse_instruction_addresses : 1

bool p_unparse_raw_memory_contents : 1

bool p_unparse_binary_file_format : 1

SgFile::languageOption_enum p_outputLanguage : 12

SgFile::languageOption_enum p_inputLanguage : 12

std::string p_sourceFileNameWithPath : /home/liao6/workspace/ada-to-cpp-FY21/rose-ast/ada/package_with_body.ads

std::string p_sourceFileNameWithoutPath : package_with_body.ads

std::string p_unparse_output_filename :

std::string p_objectFileNameWithPath :

std::string p_objectFileNameWithoutPath :

bool p_useBackendOnly : 0

pointer:0x7fdb4707128
SgGlobal
/home/liao6/workspace/ada-to-cpp-FY21/rose-ast/ada/package_with_body.ads 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

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SgNode* p_parent : 0x7fdbb8cd1010
bool p_isModified : 1
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fdb47900f0
Sg_File_Info* p_endOfConstruct : 0x7fdb4790160
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : 0
SgSymbolTable* p_symbol_table : 0x7fdb46b1170
SgTypeTable* p_type_table : 0x758b08
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgPragma* p_pragma : 0
SgDeclarationStatementPtrList p_declarations : [0x7fdbb872d010]

pointer:0x7fdbb872d010
SgAdaPackageSpecDecl
Package_With_Body.ads 1:1
IsTransformation:0
IsOutputInCodeGeneration:1
Declaration mangled name: ada\$pkg\$Package_With_Body

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SgNode* p_parent : 0x7fdb4707128
bool p_isModified : 1
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fdb4790860
Sg_File_Info* p_endOfConstruct : 0x7fdb47908d0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : 1
unsigned int p_decl_attributes : 0
std::string p_linkage :
SgDeclarationModifier p_declarationModifier : <too long>: <too long>: SgDeclarationModifier(isUnknown() = false isDefault() = true isFrien
bool p_nameOnly : 0
bool p_forward : 0
bool p_externBrace : 0
bool p_skipElaborateType : 0
SgDeclarationStatement* p_definingDeclaration : 0
SgDeclarationStatement* p_firstNondefiningDeclaration : 0x7fdbb872d010
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgDeclarationScope* p_declarationScope : 0
SgName p_name : Package_With_Body
SgAdaPackageSpec* p_definition : 0x7fdbb8c44130
SgScopeStatement* p_scope : 0x7fdb4707128

pointer:0x7fdbb8c44130
SgAdaPackageSpec
transformation 0:0
IsTransformation:1
IsOutputInCodeGeneration:1

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

SgNode* p_parent : 0x7fdbb872d010
bool p_isModified : 1
bool p_containsTransformation : 0
\$CLASSNAME* p_freepointer : 0xfffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fdb47905c0
Sg_File_Info* p_endOfConstruct : 0x7fdb4790630
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : 2
SgSymbolTable* p_symbol_table : 0x7fdb46b14e0
SgTypeTable* p_type_table : 0x758b80
std::set<SgSymbol*> p_type_elaboration_list : []
std::set<SgSymbol*> p_hidden_type_list : []
std::set<SgSymbol*> p_hidden_declaration_list : []
SgPragma* p_pragma : 0
SgAdaPackageBody* p_body : 0
SgDeclarationStatementPtrList p_declarations : []

