pointer:0x7fd4dd7c6010
SgSourceFile

    root node

SgNode* p_parent : 0x101a080
bool p_isModified : 1
bool p_containsTransformation : 0
$CLASSNAME* p_freepointer : 0xffffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fd4e9285080
SgStringList p_originalCommandLineArgumentList : [pdfGenerator, -c, task_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/task_with_body.ads
std::string p_sourceFileNameWithoutPath : task_with_body.ads
std::string p_unparse_output_filename :
std::string p_objectFileNameWithPath :
std::string p_objectFileNameWithoutPath :
bool p_useBackendOnly : 0

pointer:0x7fd4e91fc128
SgGlobal
/home/liao6/workspace/ada-to-cpp-FY21/rose-ast/ada/task_with_body.ads 0:0
IsTransformation:0
IsOutputInCodeGeneration:0

Click here to go to the parent node

SgNode* p_parent : 0x7fd4dd7c6010
bool p_isModified : 1
bool p_containsTransformation : 0
$CLASSNAME* p_freepointer : 0xffffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fd4e92850f0
Sg_File_Info* p_endOfConstruct : 0x7fd4e9285160
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 : 0x7fd4e91a6170
SgTypeTable* p_type_table : 0x1054b08
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 : [0x7fd4dd222010]

SgNode* p_parent : 0x7fd4e91fc128
bool p_isModified : 1
bool p_containsTransformation : 0
$CLASSNAME* p_freepointer : 0xffffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fd4e9285860
Sg_File_Info* p_endOfConstruct : 0x7fd4e92858d0
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 : 0x7fd4dd222010
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgDeclarationScope* p_declarationScope : 0
SgName p_name : Task_With_Body
SgAdaPackageSpec* p_definition : 0x7fd4dd739130
SgScopeStatement* p_scope : 0x7fd4e91fc128

pointer:0x7fd4dd739130
SgAdaPackageSpec
transformation 0:0
IsTransformation:1
IsOutputInCodeGeneration:1

Click here to go to the parent node

SgNode* p_parent : 0x7fd4dd222010
bool p_isModified : 1
bool p_containsTransformation : 0
$CLASSNAME* p_freepointer : 0xffffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fd4e92855c0
Sg_File_Info* p_endOfConstruct : 0x7fd4e9285630
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 : 0x7fd4e91a64e0
SgTypeTable* p_type_table : 0x1054b80
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 : [0x7fd4dcfb3010]

pointer:0x7fd4dcfb3010
SgAdaTaskTypeDecl
transformation 0:0
IsTransformation:1
IsOutputInCodeGeneration:1
Declaration mangled name: adatskThe_Task_Type

Click here to go to the parent node

SgNode* p_parent : 0x7fd4dd739130
bool p_isModified : 1
bool p_containsTransformation : 0
$CLASSNAME* p_freepointer : 0xffffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fd4e9285c50
Sg_File_Info* p_endOfConstruct : 0x7fd4e9285cc0
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : 3
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 : 0x7fd4dcfb3010
SgQualifiedNamePtrList p_qualifiedNameList : []
std::string p_binding_label :
SgDeclarationScope* p_declarationScope : 0
SgName p_name : The_Task_Type
SgAdaTaskSpec* p_definition : 0x7fd4dd14a010

pointer:0x7fd4dd14a010
SgAdaTaskSpec
transformation 0:0
IsTransformation:1
IsOutputInCodeGeneration:1

Click here to go to the parent node

SgNode* p_parent : 0x7fd4dcfb3010
bool p_isModified : 1
bool p_containsTransformation : 0
$CLASSNAME* p_freepointer : 0xffffffffffffffff
Sg_File_Info* p_startOfConstruct : 0x7fd4e92859b0
Sg_File_Info* p_endOfConstruct : 0x7fd4e9285a20
AttachedPreprocessingInfoType* p_attachedPreprocessingInfoPtr : 0
AstAttributeMechanism* p_attributeMechanism : 0
bool p_containsTransformationToSurroundingWhitespace : 0
SgLabelRefExp* p_numeric_label : 0
int p_source_sequence_value : 4
SgSymbolTable* p_symbol_table : 0x7fd4e91a6640
SgTypeTable* p_type_table : 0x1054ba8
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
SgAdaTaskBody* p_body : 0
bool p_hasMembers : 0
SgDeclarationStatementPtrList p_declarations : []