

Unit_3
Unit_Kind = A PACKAGE
Unit_Class = A PUBLIC DECLARATION
Unit-Origin = AN APPLICATION_UNIT
Unit_Full_Name = Variable_Declaration
Unique_Name = ASIS Context 1: Variable_Declaration (spec)
Exists = TRUE
Can_Be_Main_Program = TRUE
Is_Body_Required = TRUE
Text_Name = /home/liao6/workspace/ada-to-cpp-FY21/rose-ast/ada/variable_declaration.ads
Text_Form =
Object_Name =
Object_Form =
Compilation_Command_Line_Options = -gnatA -gnatc -gnatt -gnatws -gnatyN -mtune=generic -march=x86-64
Unit_Declaration = Element_2314112
Corresponding_Parent_Declaration = Unit_1
Corresponding_Body = (none)

Unit_Declaration

Element_2314112
Element_Kind = A DECLARATION
Hash = 10224302
Enclosing_Element = (none)
Source = Variable_Declaration.ads - 1:1 .. 3:25
Declaration_Kind = A PACKAGE DECLARATION
Declaration-Origin = AN EXPLICIT DECLARATION
Names (1) = Element_2295057
Corresponding_End_Name = Element_2315237
Is_Name_Repeated = TRUE
Corresponding_Declaration = Element_2314112
Corresponding_Body = (none)
Visible_Part_Declarative_Items (1) = Element_2312090

Names (1)

Element_2295057
Element_Kind = A DEFINING_NAME
Hash = 9327278
Enclosing_Element = Element_2314112
Source = Variable_Declaration.ads - 1:9 .. 1:28
Defining_Name_Kind = A DEFINING IDENTIFIER
Defining_Name_Image = "Variable_Declaration"

Visible_Part_Declarative_Items (1)

Element_2312090
Element_Kind = A DECLARATION
Hash = 9126231
Enclosing_Element = Element_2314112
Source = Variable_Declaration.ads - 2:1 .. 2:23
Declaration_Kind = A VARIABLE DECLARATION
Declaration-Origin = AN EXPLICIT DECLARATION
Names (1) = Element_2304057
Object_Declaration_View = Element_2311176
Initialization_Expression = (none)

Names (1)

Element_2304057
Element_Kind = A DEFINING_NAME
Hash = 8855895
Enclosing_Element = Element_2312090
Source = Variable_Declaration.ads - 2:1 .. 2:12
Defining_Name_Kind = A DEFINING IDENTIFIER
Defining_Name_Image = "The_Variable"

Object_Declaration_View

Element_2311176
Element_Kind = A DEFINITION
Hash = 9830487
Enclosing_Element = Element_2312090
Source = Variable_Declaration.ads - 2:16 .. 2:22
Definition_Kind = A SUBTYPE INDICATION
Subtype_Mark = Element_2311237
Subtype_Constraint = (none)

Subtype_Mark

Element_2311237
Element_Kind = AN EXPRESSION
Hash = 10330199
Enclosing_Element = Element_2311176
Source = Variable_Declaration.ads - 2:16 .. 2:22
Expression_Kind = AN_IDENTIFIER
Corresponding_Expression_Type = (none)
Name_Image = "Integer"
Corresponding_Name_Definition = Element_37057
Corresponding_Name_Definition_List (1) = Element_37057
Corresponding_Name_Declaration = Element_917082