# **Design review - Iteration 1 - Version 2**

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 ${\bf Reference:}\ {\rm model\text{-}checking.design}$  January  $30^{th}\ 2015$ 

Signatures

Quality responsible : Clients :

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### Part I

# AST and CFG representations

#### **I.1**

- I.1.1 Parse the Clang AST file
- I.1.2 From ASTNode to ProgramNode

Decl class hierarchy

Partie Stmt

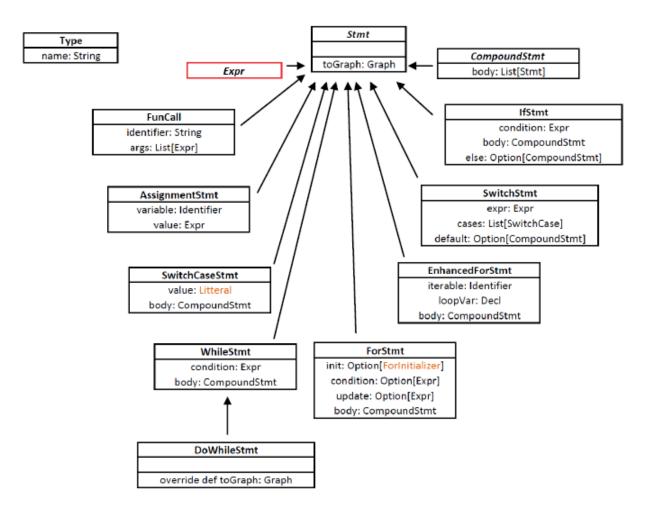


Figure I.1 -

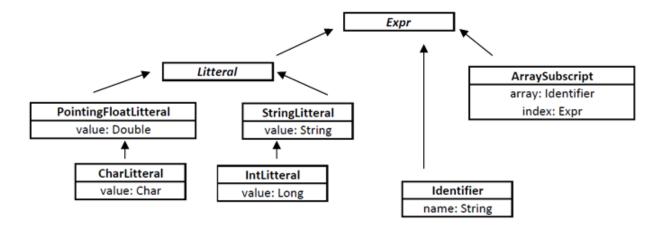


Figure I.2 - Diagramme de classe partiel de la partie  ${f Expr}$ 

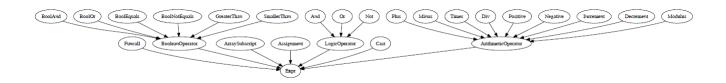


Figure I.3 - Diagramme de classe plus fourni (mais toujours incomplet) de la partie Expr

#### Remarques importantes:

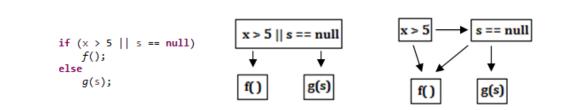


Figure I.4 -

#### I.2 AST to CFG

Part II

Model checking