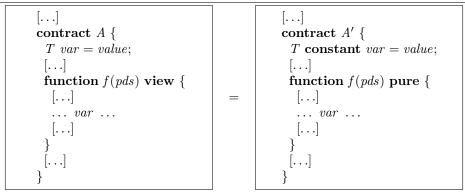
Rule 0.13 (Use Constant Variables for Unchanging Values)



where

var is a state variable of type T in contract A; value is a compile-time constant expression that initializes var; f is a function that reads var; pds are the parameter declarations of function f.

provided

The variable var is never modified after initialization;

The value value is known at compile time and does not depend on runtime state;

All functions reading *var* can be changed from **view** to **pure** if they only access constant variables;

The type T supports constant declaration in Solidity;

No write operations to var exist anywhere in the contract.

Invariant:

Let s_i and s'_i be the initial state of A and A', respectively.

Let s_f and s'_f be the state reached by A and A', respectively, after A.f() and A'.f() are executed from s_i and s'_i , respectively.

Then, the coupling invariant is

$$\forall s_i, s_i' : (s_i = s_i') \rightarrow (s_f = s_f')$$