

Alias Analysis

Nga Nguyen

September 2, 2024

1 Introduction

```
import entity from "ri.newgen"  
  
  import expression from "ri.newgen"  
  
  call_site = function:entity x ordering:int  
  
  alias_association = variable:entity x section:entity x offset:expression  
x lower_offset:int x upper_offset:int x call_chain:call_site*  
  
  alias_associations = list:alias_association*  
  
  dynamic_check = first:entity x second:entity x checked:bool
```