InterProcedure-II

Friday, May 20, 2022

12:05 PM

Flow-insonsitive. V.S. Flow-Sonsitive.

> infeasible path. similar as the if.

if the return value of a procedure nower be assignemed to an outlor variable

> Realizable Path.

=> ?? the over-approximated Adapt on graph.

is actually an inferible walk.

it doesn't follow the actual exception order.

>> so it is larger but over-approximated.

label the call edge with call site i and open (i roturn edge: i i "D".

> matched := e | e | matched matched | (i moutched;)

=> realizable := E | C; realizable | matched realizable

Application:

Improver the data flow analysis by restricting on realizable path

> Program analysis as Contex Free Longuage Reachability

All-pairs L-path.

Single-Source L-path.

Jangoet walk

> Com ve reduce Adapt into CFLR publism?

Single-Tonget L-path.

Single-Soure-Single-Tonger Lporth.

> Encode Examples:

I: Interpracedural Finite Distributive Subset problem