

Definition

1, *Generic Path-sensitive Call-back Model*

$GPC = (N, E, C)$

(1)

N
 N
 $N =$
 $N_l \cup$
 N_n
 N_l
 $N_l =$
 $N_{lfc} \cup$
 N_{aux}
 N_{lfc}
 N_{aux}
 N_{aux}
 N_{aux}
 $Ac-$
 $tiveS-$
 $tart$
 $Ac-$
 $tiveEnd$
 $Ter-$
 $mi-$
 nal
 $N_{aux} =$
 $\{N_{as}, N_{ae}, N_{tm}\}$
 $N_n =$
 $N_n \cup$
 N_{sys}
 N_{gui}
 N_{sys}
 N_{gui}
 GUI
 X^x
 N_{st}
 N_{re}
 E
 E
 $E =$
 $E_l \cup$
 $E_r \cup$
 E_j
 $E_l =$
 $N_l \times$
 N_l
 $E_r =$
 $(N_l \times$
 $N_n) \cup$
 $(N_n \times$
 $N_l) \cup$
 $(N_n \times$
 $N_n)$
 $E_j =$
 $E_{j-a} \cup$
 $E_{j-s} =$
 $(N_{tm}^A \times$
 $N_{st}^B) \cup$
 $(N_{tm}^B \times$
 $N_{re}^A)$
 E_{j-a}
 E_{j-s}
 A
 B
 C
 $C =$
 $\{(r, f, e) | r \in$
 $Ivr, f \in$
 $\Lambda, e \in$
 $Ive\}$
 Ivr
 Ive
 Λ
 $\forall f \in$
 $\Lambda, f :$
 $Val \rightarrow$
 $\{True, False\}$
 Val

Definition

2, *Reg-
is-
ter
Ab-
strac-
tion*