
```
%InputTime contains a list of values, each value in structure of (Time, start_Offset, end_Offset)%
%Timing : enumeration of (immediate, delayed, sampled)%
%PortType: enumeration of (data, event, event data)%

%Return InEvent%
Rule GenerateInEvent2
(InputTime, Timing, PortType, Dispatch, Start, Completion) =

if (PortType = #data)
   then if (Timing = #immediate)
          then InEvent ^= Start
          else if (Timing = #delayed)
                 then InEvent ^= Dispatch
                 else InEvent ^= Rule CalculateInputTime2(Dispatch, Start, Completion)
   else InEvent ^= Rule CalculateInputTime2(Dispatch, Start, Completion)


%Return InputTime%
Rule CalculateInputTime2
(Sequence{(Time, start_Offset, end_Offset)}, Dispatch, Start, Completion) =

for each element in Sequence
     ti := Rule CalculateInputTime1(Time, start_Offset, end_Offset, Dispatch, Start, Completion)
InputTime is the union of ti
```