



%InputTime contains one value, in a structure of (Time, start_Offset, end_Offset)%
%Timing : enumeration of (immediate, delayed, sampled)%

```
process GenerateInEvent1 = {InputTime, Timing}
(? Dispatch, Start, Completion; ! InEvent;)
(| InEvent := Start when (Timing = #immediate)
  default Dispatch when (Timing = #delayed)
  default InEvent when Interval(Start+start_Offset, Start+end_Offset)
    when (Time = #Start)
  default InEvent when Interval(Completion+start_Offset, Completion+end_Offset)
    when (Time = #Completion)
  default InEvent when Interval(Dispatch+start_Offset, Dispatch+end_Offset)
    when (Time = #Dispatch)
  default Dispatch when (Time not defined)
|)
```