⟦def_start dB def_end rule_start rB rule_end⟧$_{S}$	= ⟦dB⟧$_{DS}$ ⟦rB⟧$_{RS}$
⟦def⟧$_{DS}$	= ⟦def⟧$_{D}$
⟦def defS⟧$_{DS}$	= ⟦def⟧$_{D}$ ⟦defS⟧$_{DS}$
⟦event eID⟧$_{D}$	= channel eID
⟦measure mID : T⟧$_{D}$	= channel mID : ⟦T, miD⟧$_{T}$
⟦constant cID = v⟧$_{D}$	= cID = v
⟦boolean, miD⟧$_{T}$	= Bool
⟦numeric, miD⟧$_{T}$	= Int
⟦scale(sp_1, . . . , sp_n), miD⟧$_{T}$	= ST miD datatype ST miD = sp_1 | . . . | sp_n STle miD(v1miD, v2miD) = if v1miD == sp1 then true else (if v1miD == sp_2 then v2miD $\notin$ {sp_1} else . . . else v2miD == sp_n)
⟦r⟧$_{RS}$	= ⟦r⟧$_{R}$
⟦r rS⟧$_{RS}$	= ⟦r⟧$_{R}$ ⟦rS⟧$_{RS}$
⟦rID when trig then resp df s⟧$_{R}$	= riD = Trigger riD; Monitoring riD; riD Trigger riD = ⟦trig, SKIP, Trigger riD⟧$_{TG}$ Monitoring riD = ⟦resp df s, trig, 휘(resp df s), Monitoring rID⟧$_{RDS}$
⟦eID, sp, fp⟧$_{TG}$	= eID → sp
⟦eID and mBE, sp, fp⟧$_{TG}$	= let MTrigger = ⟦휘$_{ME}$(mBE), mBE, sp, fp⟧$_{ME}$ within eID → MTrigger
⟦⟨⟩, mBE, sp, fp⟧$_{ME}$	= if norm(mBE) then sp else fp
⟦⟨miD⟩ ⌢ miDs, mBE, sp, fp⟧$_{ME}$	= StartBy(miD?vmiD → ⟦miDs, mBE[vmiD/miD], sp, fp⟧$_{ME}$, 0)
⟦resp, trig, ARDS, mp⟧$_{RDS}$	= ⟦resp⟧$_{RP}$
⟦resp df s, trig, ARDS, mp⟧$_{RDS}$	= let ⟦⟨resp⟩ ⌢ df s ↾$_{RP}$, trig, ARDS, mp, 1⟧$_{LRDS}$ within ⟦휘$_{ME}$(df s), df s, #df s + 1⟧$_{CDS}$
⟦eID⟧$_{RP}$	= eID → SKIP
⟦eID within v tU⟧$_{RP}$	= StartBy(eID → SKIP, norm(v, tU))
⟦eID within v tU otherwise resp⟧$_{RP}$	= TimedInterrupt(eID → SKIP, norm(v, tU), ⟦resp⟧$_{RP}$)
⟦not eID within v tU⟧$_{RP}$	= Wait(norm(v, tU))
⟦⟨resp⟩, trig, AR, mp, n⟧$_{LRDS}$	= Monitoring n = ⟦resp⟧$_{RP}$
⟦⟨NOREP⟩, trig, AR, mp, n⟧$_{LRDS}$	= Monitoring n = ⟦trig, mp, Monitoring n⟧$_{TG}$ 2 (2 e : AR • e → Monitoring n)
⟦⟨resp⟩ ⌢ resps, trig, AR, mp, n⟧$_{LRDS}$	= ⟦⟨resp⟩, trig, AR, mp, n⟧$_{LRDS}$ ⟦resps, trig, AR, mp, n + 1⟧$_{LRDS}$
⟦⟨⟩, df s, n⟧$_{CDS}$	= ⟦df s, Monitoring 1, n⟧$_{EDS}$
⟦⟨miD⟩ ⌢ miDs, df s, n⟧$_{CDS}$	= StartBy(miD?vmiD → ⟦miDs, df s[vmiD/miD], n⟧$_{CDS}$, 0)
⟦unless mBE, fp, n⟧$_{EDS}$	= if norm(mBE) then Monitoring n else fp
⟦unless mBE then resp, fp, n⟧$_{EDS}$	= if norm(mBE) then Monitoring n else fp
⟦df s df , fp, n⟧$_{EDS}$	= ⟦df , ⟦df s, fp, n − 1⟧$_{EDS}$, n⟧$_{EDS}$