

Receiver StateChart for XMODEM file-transfer protocol.

Real events are either
SER (serial character recieved),
KB_C (cancel command received from keyboard)
TM (timeout occurred)

The WorkaroundTransient states were introduced to work around a bug in the current version of the SmartState program. Without these WorkaroundTransient states, the triggering of the applicable transitions would not result in the StateChart ending up in the FirstByte state. Instead, the StateChart would stay in exactly the same state. The transition that sets ctx.KbCan to true exploits this bug. Here, we want the StateChart to return to exactly the same state after the transition that it had been in before the transition.

CompleteReceiverTopLevel

