



















ConTract	s – Example (se	cript)
CONTRACT Designed Trig. Des		
CONTRACT Business_Inp_Res	servations	
cost limit ticket price: doll	ar:	
from to give		
date type		
ok: boolean:		
CONTROL FLOW SCRIPT		
S1: Travel_Data_Input (in_context: ; out_context: date, from, to, cost_limit);		
PAR_FOREACH (airline: EXECSQL select airline from ENDSQL)		
S2: Check_Flight_Schedule (in_context: airline, data, from, to; out_context: flight_no, ticket_price);		
END_PAR_FOREACH;		
S3: Flight_Reservation (in_context: flight, ticket_price;);		
S4: Hotel_Reservation (in_context: "Cathedral Hill Hotel"; out_context: ok, hotel_reservation);		
IF ok THEN		
S5: Car_Rental ("Avis");		
ELSE BEGIN	GTT 1'1 T D	
S6: Hotel_Reservation ("Holiday Inn");	
IF OK THEN	"Hosto"	
S7. Cal_Kental (ELSE S8 : Cancel Elight I	Beconvetion & Try Another One ():	
ELSE 56 Cancer_Fight_1	Reservation_&_Try_Another_One (),	
S9: Print Documents ():		
END CONTROL FLOW SCR	IPT	
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ConTracts	– Example (s	Script)	
COMPENSATIONS			
C1: Do Nothing Step():			
C2: Do Nothing Step():			
C3: Cancel Flight Reservation();			
C4: Cancel Hotel Reservation();			
C5: Cancel Car Reservation	on();		
C6: Cancel_Hotel_Reserva	ntion();		
C7: Cancel_Car_Reservati	on();		
C8: Do_Nothing_Step();			
C9: Invalidate_Tickets(]);		
END_COMPENSATIONS			
TRANSACTIONS			
T1 (S4, S5), DEPENDENC	CY(T1:abort -> begin:T2);		
T2 (S6, S7), DEPENDENC	CY(T2:abort -> begin:S8);		
END_TRANSACTIONS			
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