



- 1) All fields from all records
- 2) Get the IEN from all these parent file 44.001 records (same as APPOINTMENT DATE/TIME (.01))  
Call it File44\_001IEN
- 3) All fields from all file 44.003 records
- 4) Select rows from Appt.Appointment\_2\_98  
where APPOINTMENT DATE/TIME(.001) >='10/1/1999'.  
Do not get records where that field is null. Select all fields.
- 5) Exclude cancelled appointments.  
Determine degree of matching (NMatching) and based on that split the logic  
`select loc.Sta3n, loc.LocationIEN, loc.File44_001IEN, loc.PatientIEN,  
COUNT(a.AppointmentIEN) as NMatching  
from ( Select * from Appt.Appointment_44_003  
where AppointmentCancelledFlag is null) loc  
left join Appt.Appointment_2_98 a  
on a.Sta3n=loc.Sta3n  
and a.PatientIEN=loc.PatientIEN  
and a.LocationIEN=loc.LocationIEN  
and a.AppointmentIEN=loc.File44_001IEN  
and a.AppointmentDateTime >='10/1/1999'  
group by loc.Sta3n, loc.LocationIEN, loc.File44_001IEN, loc.PatientIEN`
- 6) NMatching=0
- 7) NMatching=1
- 8) NMatching>1 but do not exclude cancellations  
`select loc.Sta3n, loc.LocationIEN, loc.File44_001IEN, loc.PatientIEN,  
COUNT(a.AppointmentIEN) as Nmatching  
from Appt.Appointment_44_003 loc  
left join Appt.Appointment_2_98 a  
on a.Sta3n=loc.Sta3n  
and a.PatientIEN=loc.PatientIEN  
and a.LocationIEN=loc.LocationIEN  
and a.AppointmentIEN=loc.File44_001IEN  
and a.AppointmentDateTime >='10/1/1999'  
group by loc.Sta3n, loc.LocationIEN, loc.File44_001IEN, loc.PatientIEN  
having count(a.AppointmentIEN)>1`
- 9) Populate the remaining fields in Appt.Appointment from the  
only Appointment\_44\_003 record that matches to the  
Appt.Appointment\_2\_98 record (same join criteria as in step 5)
- 10) Using only records where AppointmentCancelledFlag is null, a single  
"composite" record is generated from the more than one  
Appointment\_44\_003 records and is used to populate the remaining fields  
of the Appt.Appointment record (same join criteria as step 5). The  
composite record is generated by: for each field, scan the multiple  
44.003 records and take the first non-null value where "first" is  
determined by the lowest physical record number, i.e. smallest File44\_003IEN.  
This composite record is written as File44\_003IEN=0 in Appt.Appointment.
- 11) Save these multiples that go into the creation of a composite record for troubleshooting purposes.