

Models of the ADS interfacing

Customer: Land Board

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Consumption level K1 - light interfacing

K1: ADS_KOMPONENT <-- ADSkompklassif

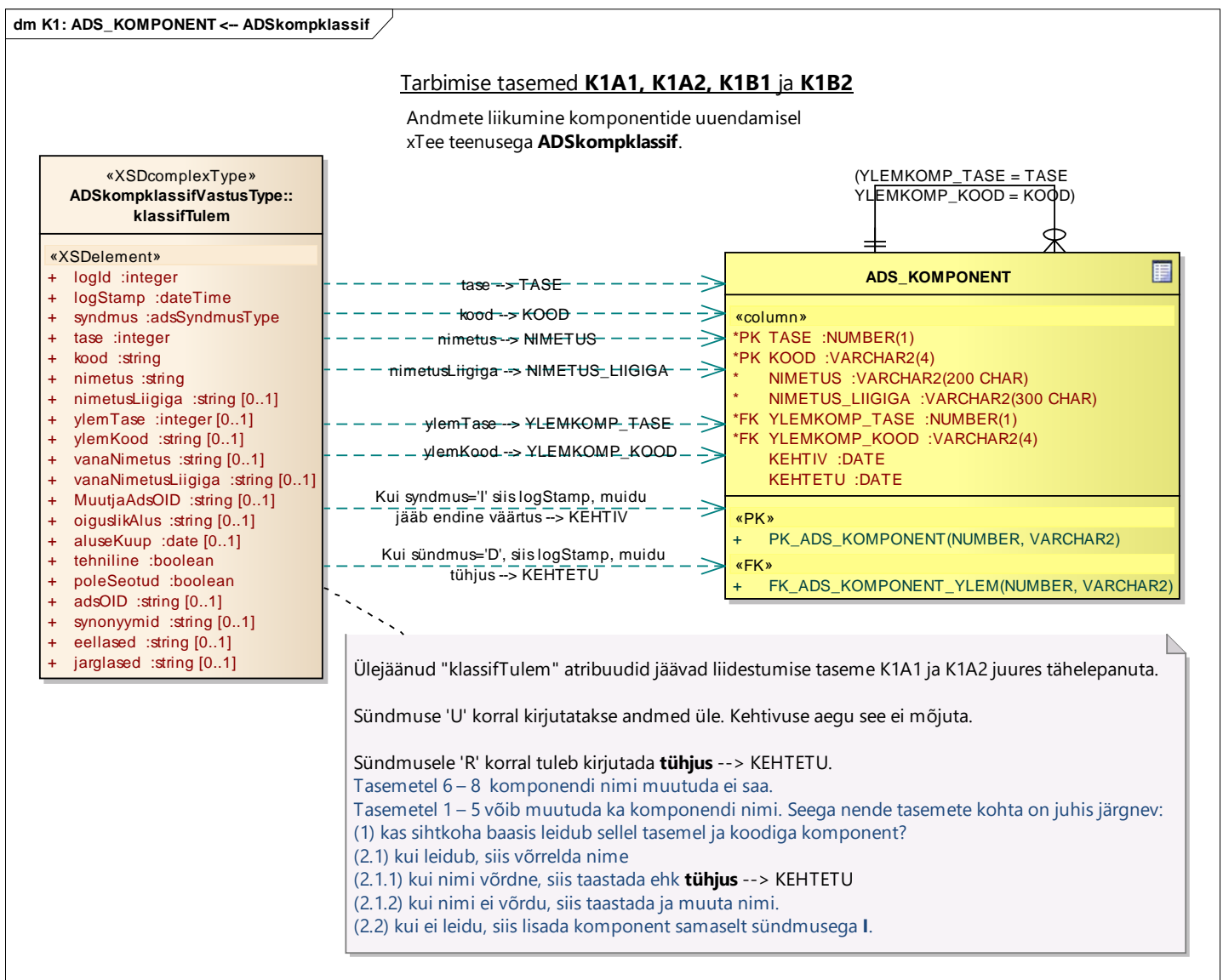


Figure: 1

K1: ADS_KOMPONENT --> user interface Hybrid <-> ADSaadrotsing --> AADDRESS

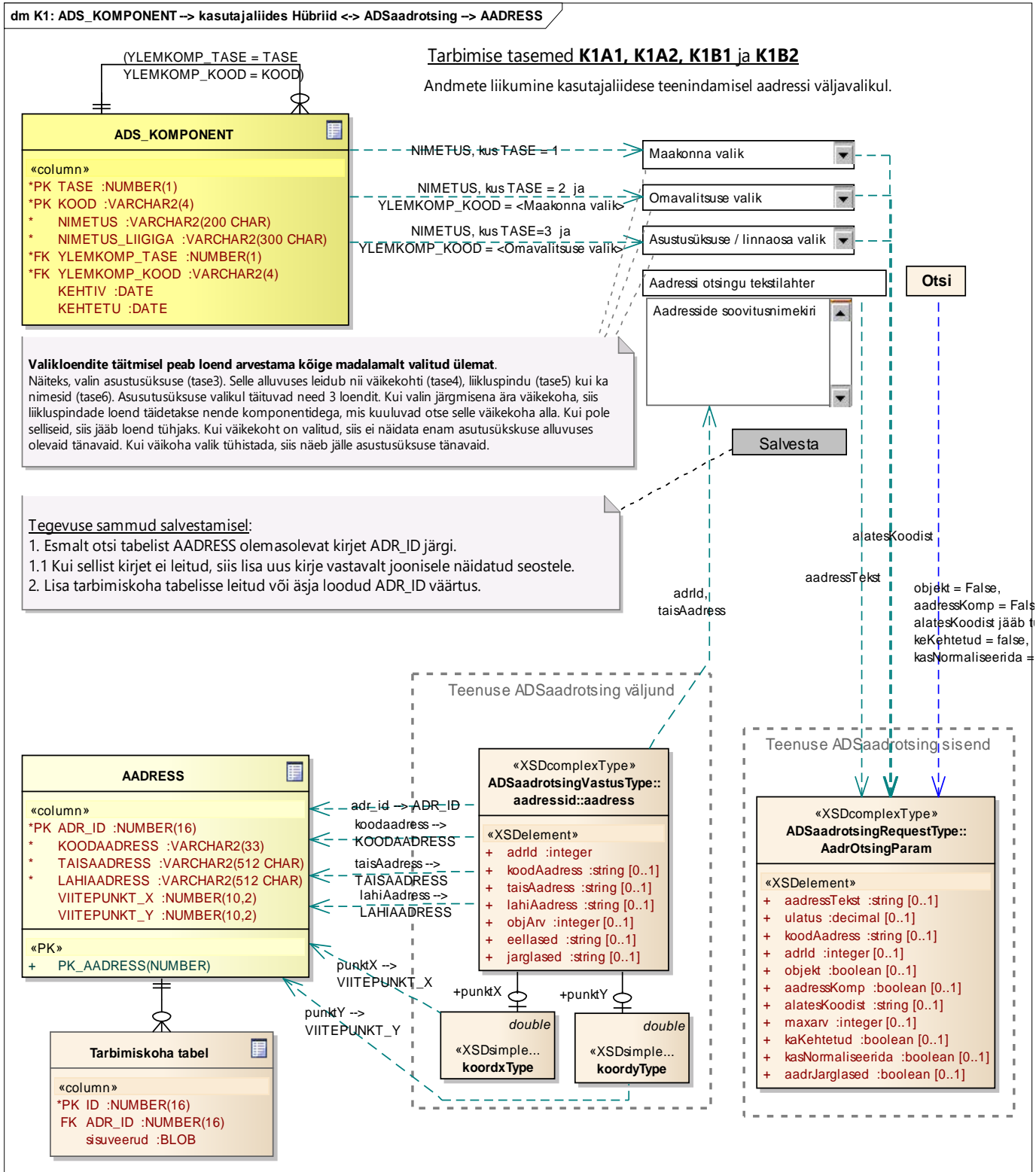


Figure: 2

K1: ADS_KOMPONENT --> user interface Dropdown lists --> ADSaadrotsing --> ADDRESS

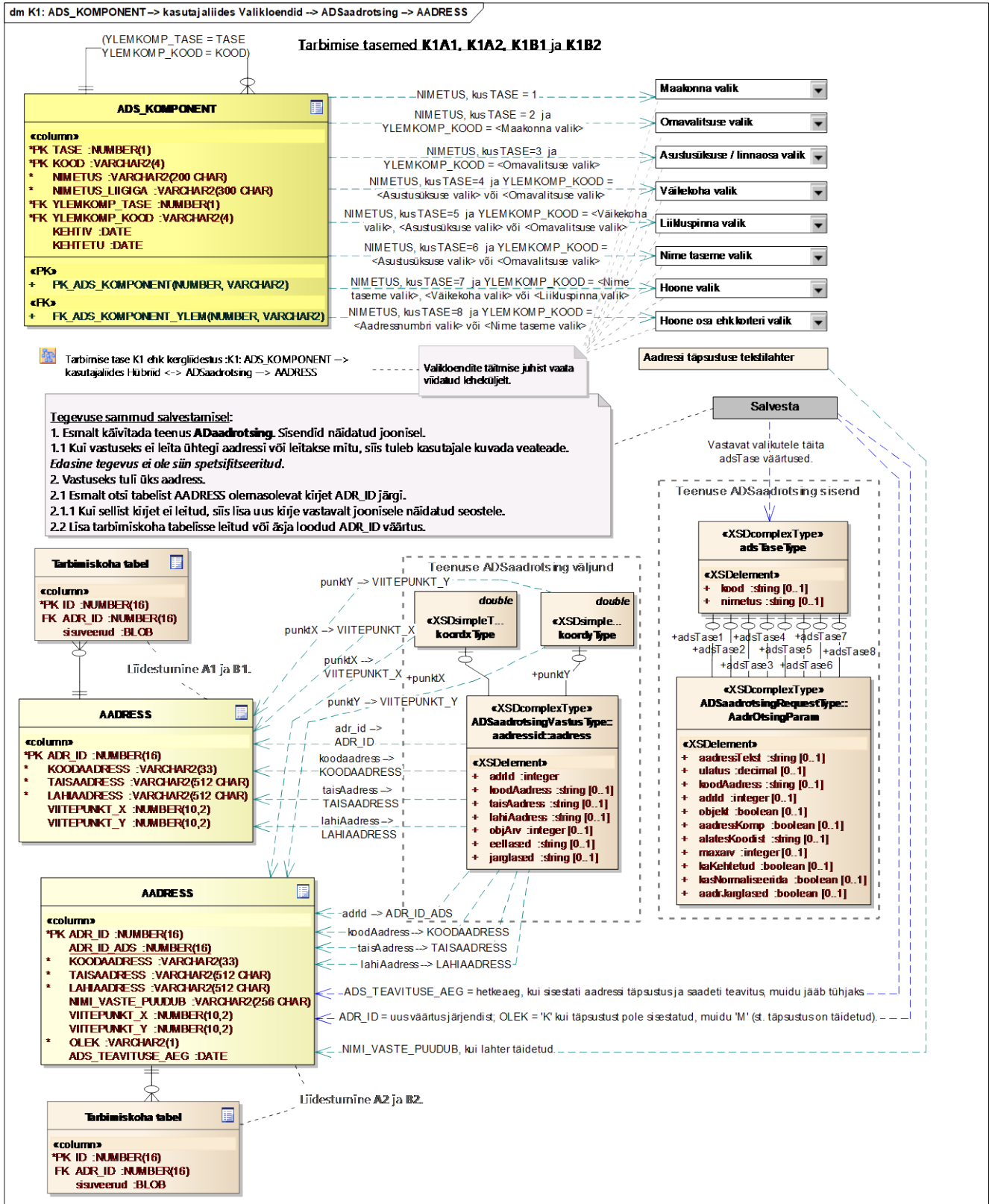


Figure: 3

K1A1: ADDRESS <-- ADSaadrotsing

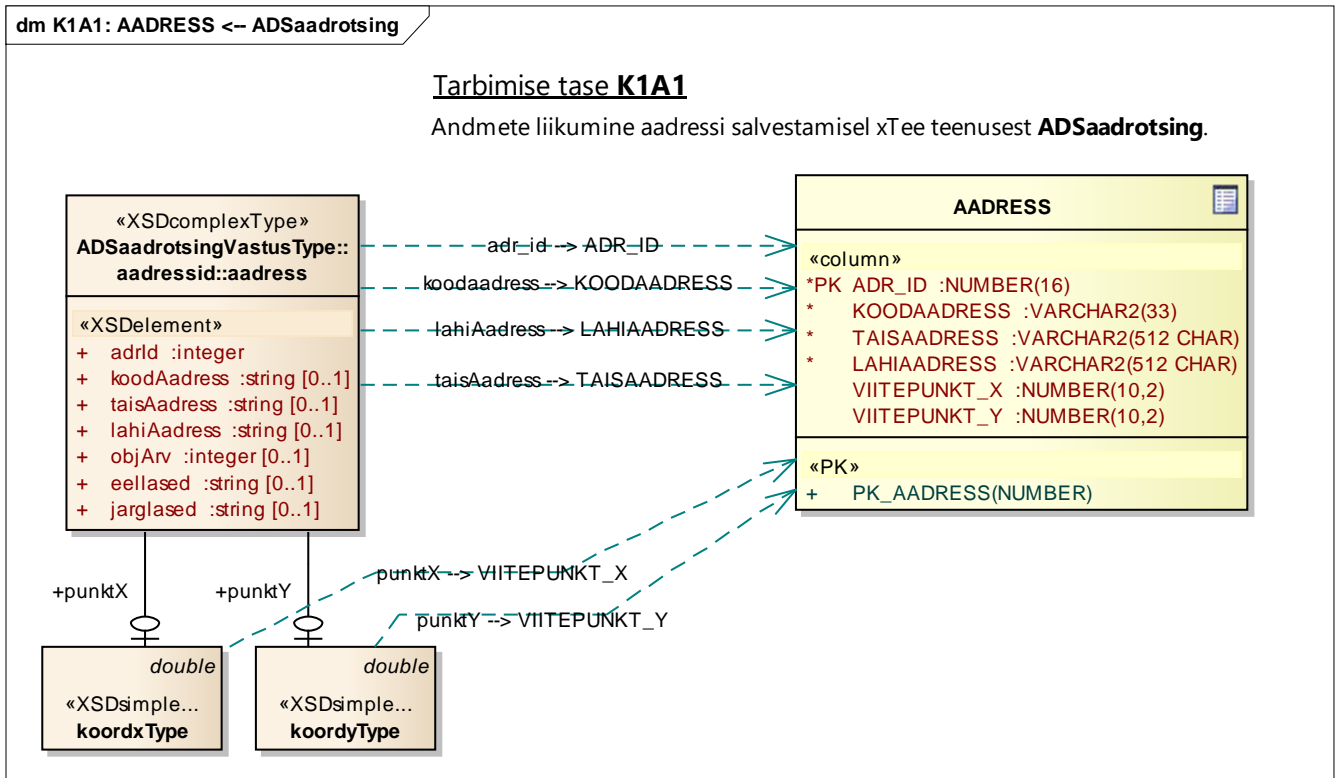


Figure: 4

K1A2: ADDRESS <-> ADSnormal

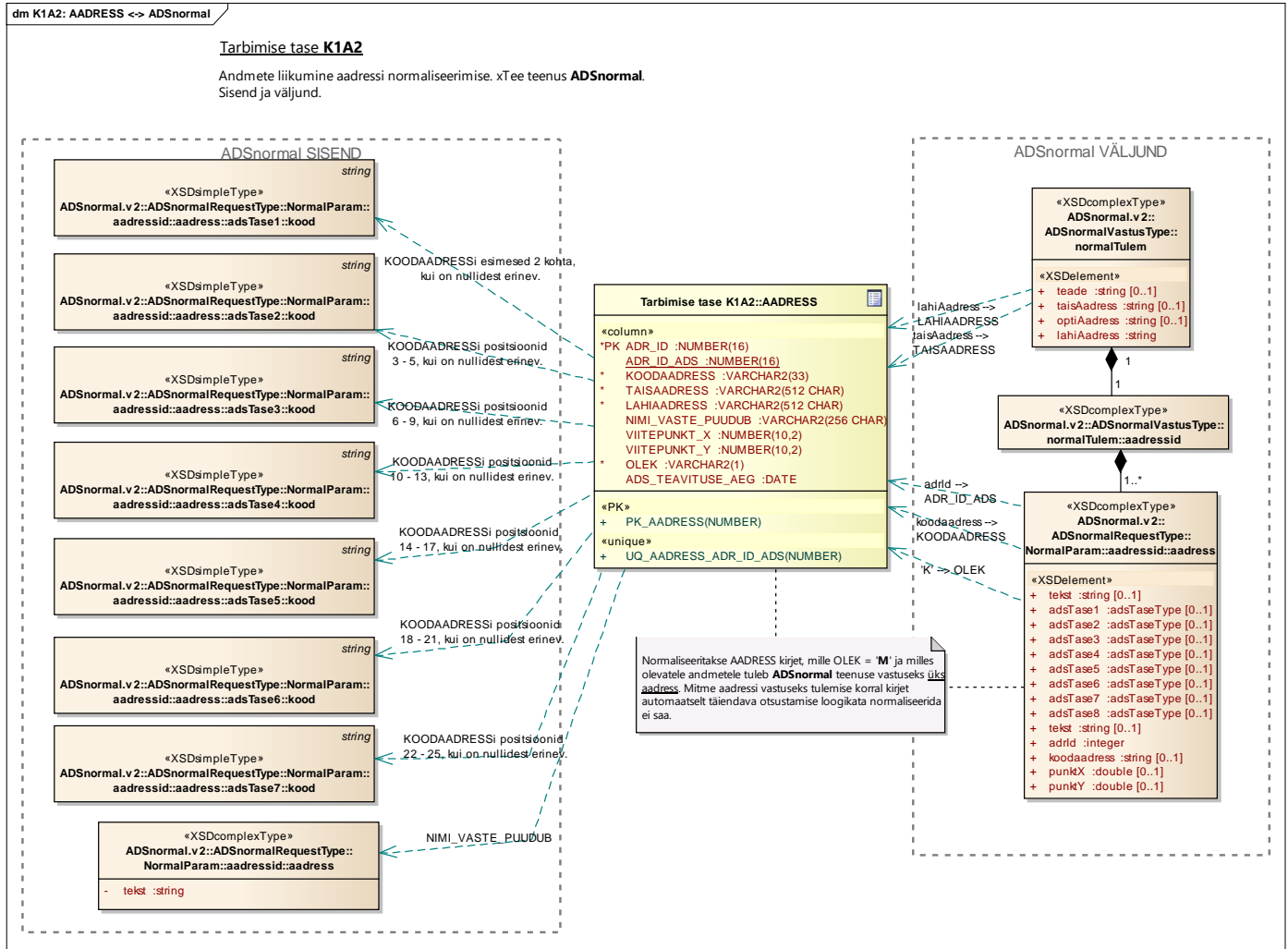


Figure: 6

K1B1: ADDRESS, ADDRESSIOBJEKT <-- ADSaadrotsing

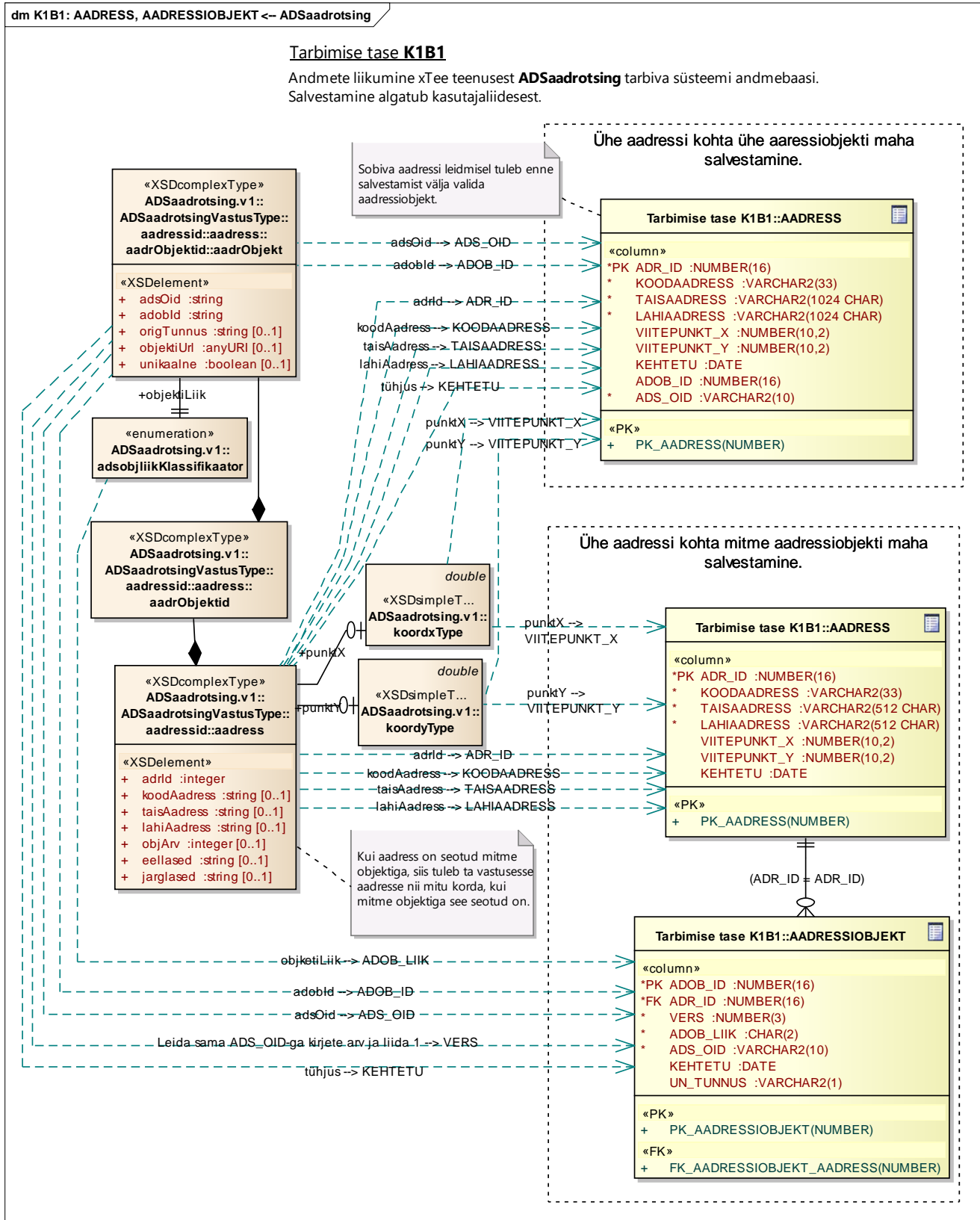


Figure: 7

K1B2: ADDRESS, ADDRESSOBJEKT <-- ADSaadrotsing

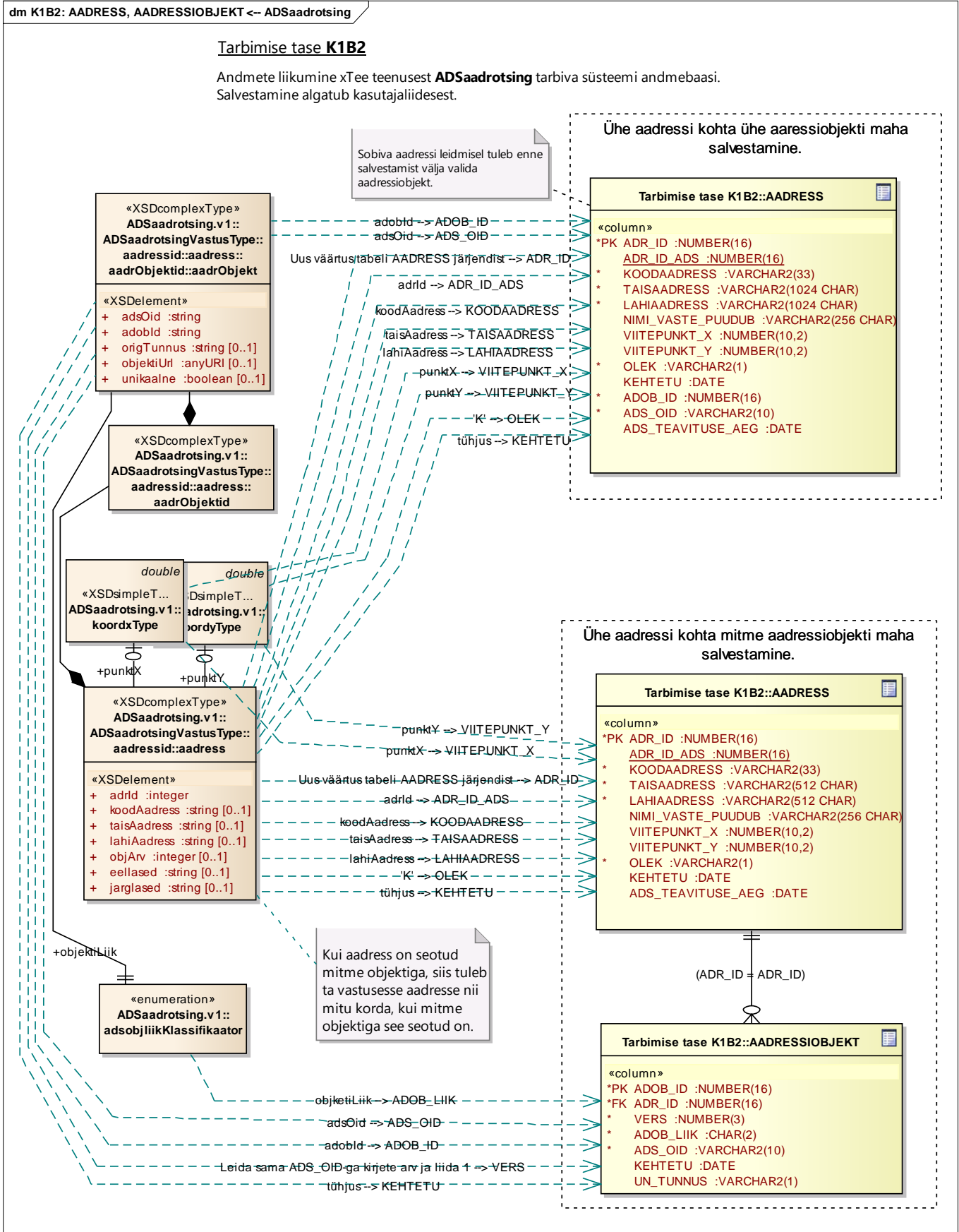


Figure: 9

K1B2: ADDRESS, ADDRESSIOBJEKT <- ADSaadmuudatused, ADSobjmuudatused

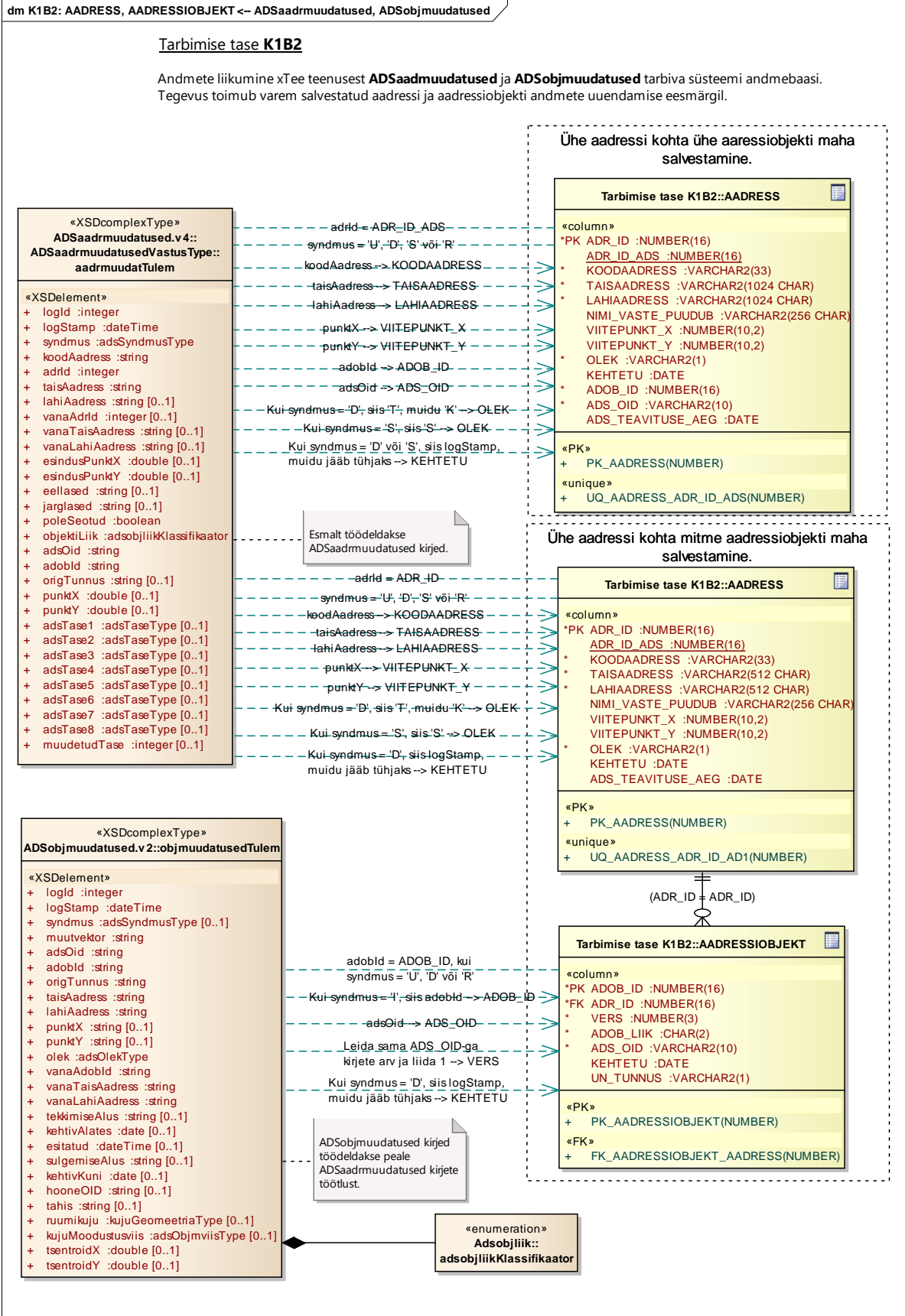


Figure: 10

K1B2: ADDRESS, AADRESSIOBJEKT <-> ADSnormal

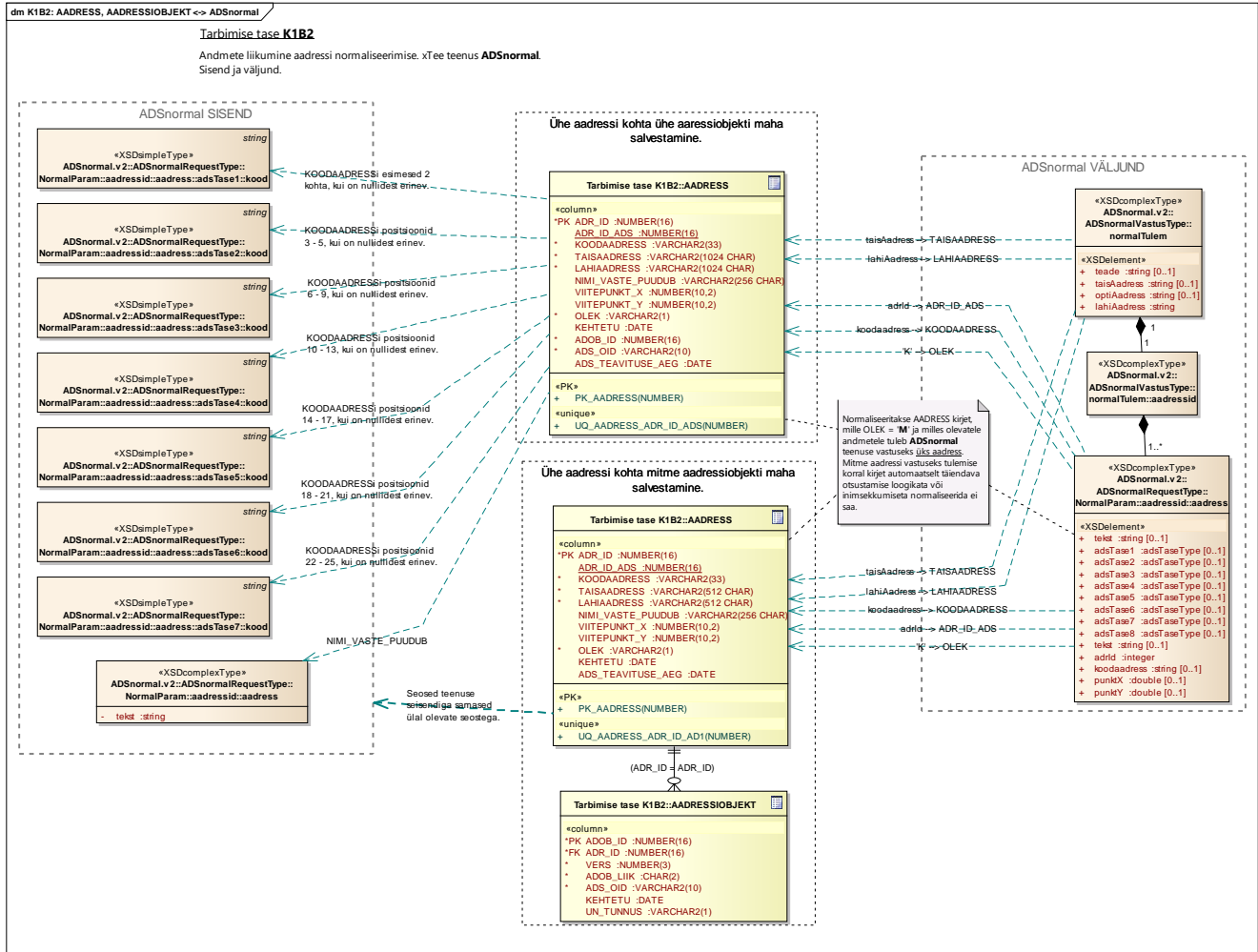


Figure: 11

Consumption level K2 - Full-base interfacing

K2A1: ADS_ADDRESS, ADS_OBJEKT <-> user interface

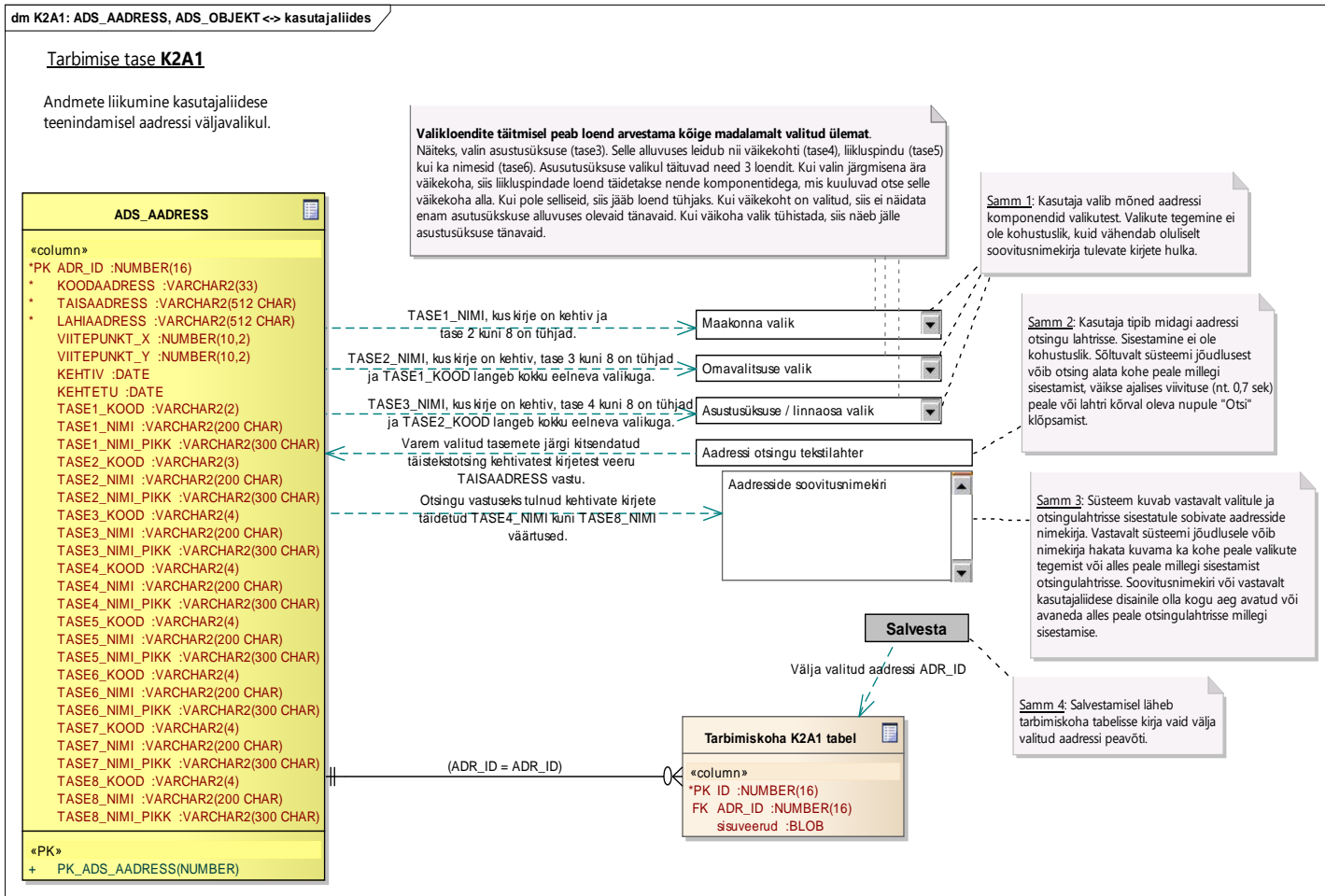


Figure: 12

K2A2: ADS_ADDRESS, ADS_OBJEKT <-> user interface

dm K2A2: ADS_ADDRESS, ADS_OBJEKT <-> kasutajaliides

Tarbimise tase K2A2

Andmete liikumine kasutajaliidese teenindamisel aadressi väljavalikul.

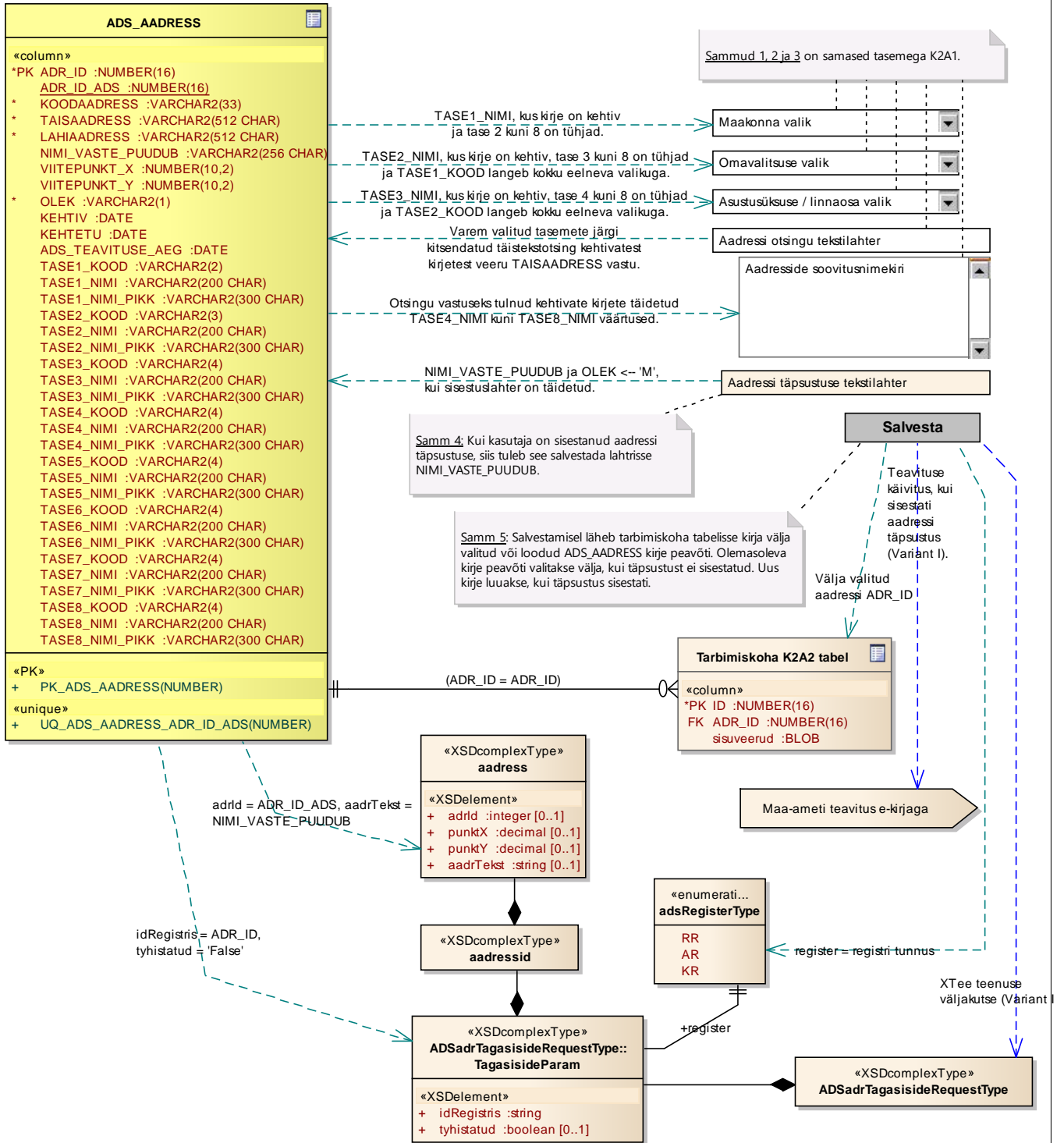


Figure: 13

K2B1: ADS_ADDRESS, ADS_OBJEKT <-> user interface

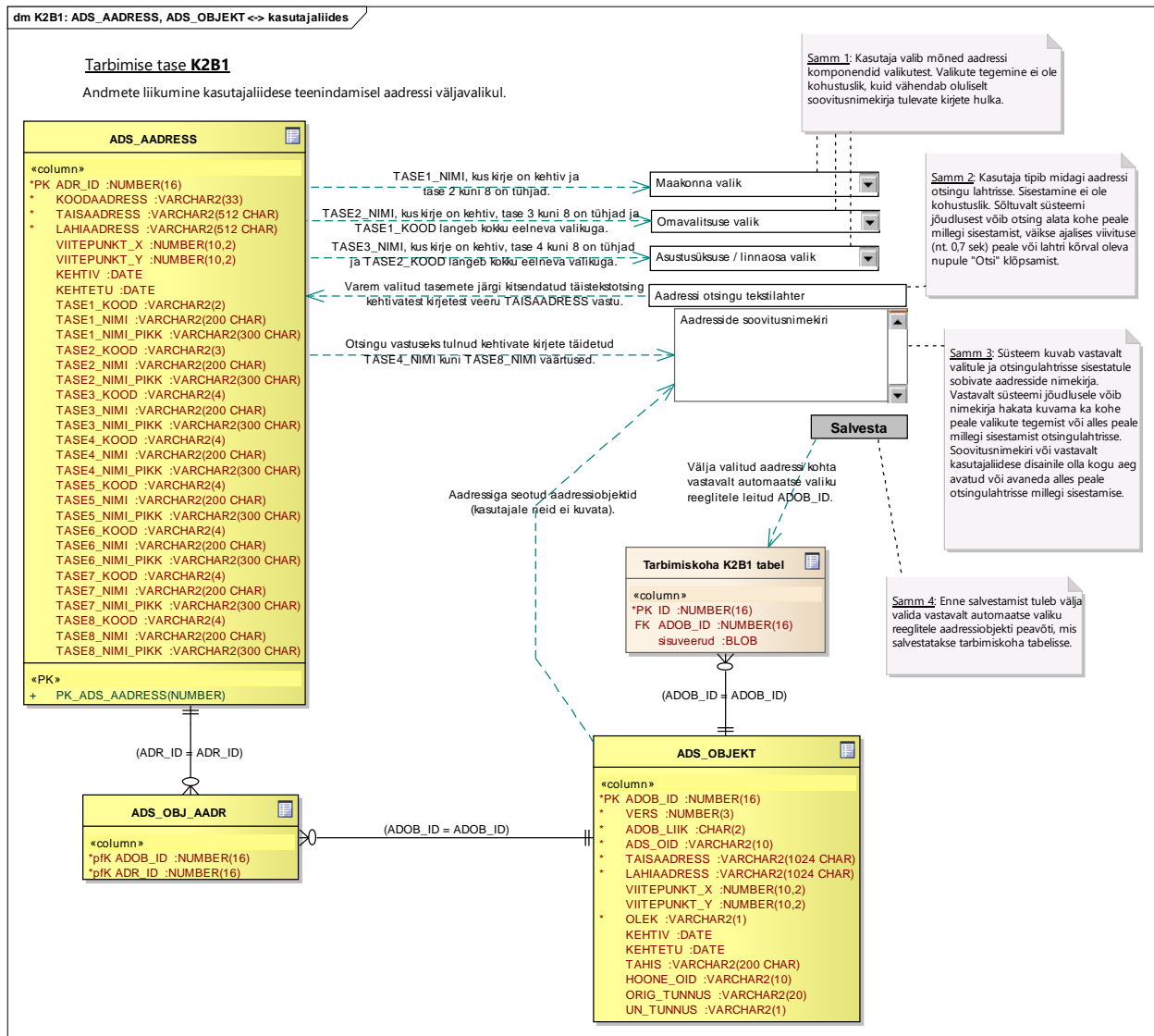


Figure: 14

K2B2: ADS_ADDRESS, ADS_OBJEKT <-> user interface

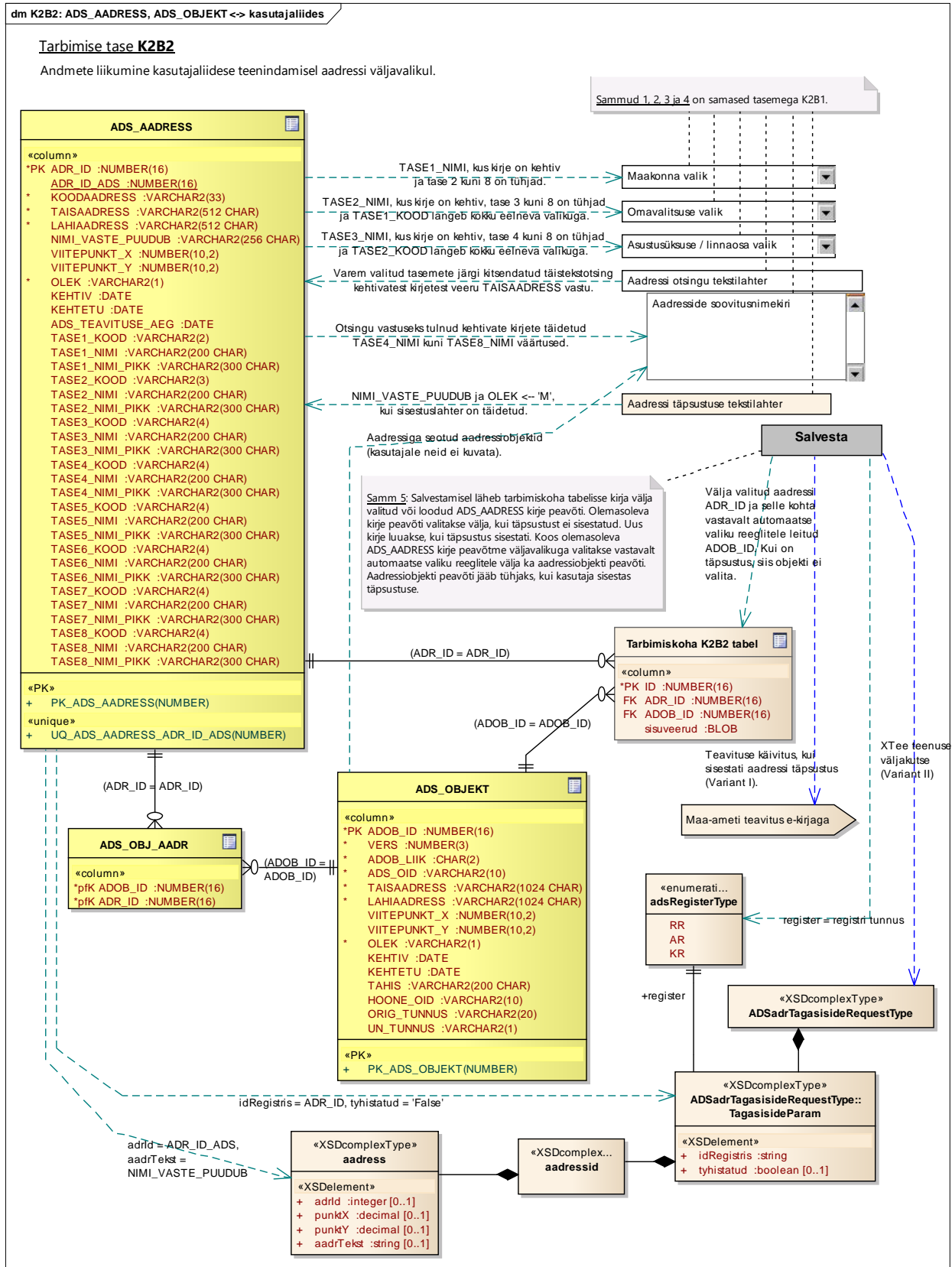


Figure: 15

K2A2,B2: ADS_ADDRESS <-- ADSnormal

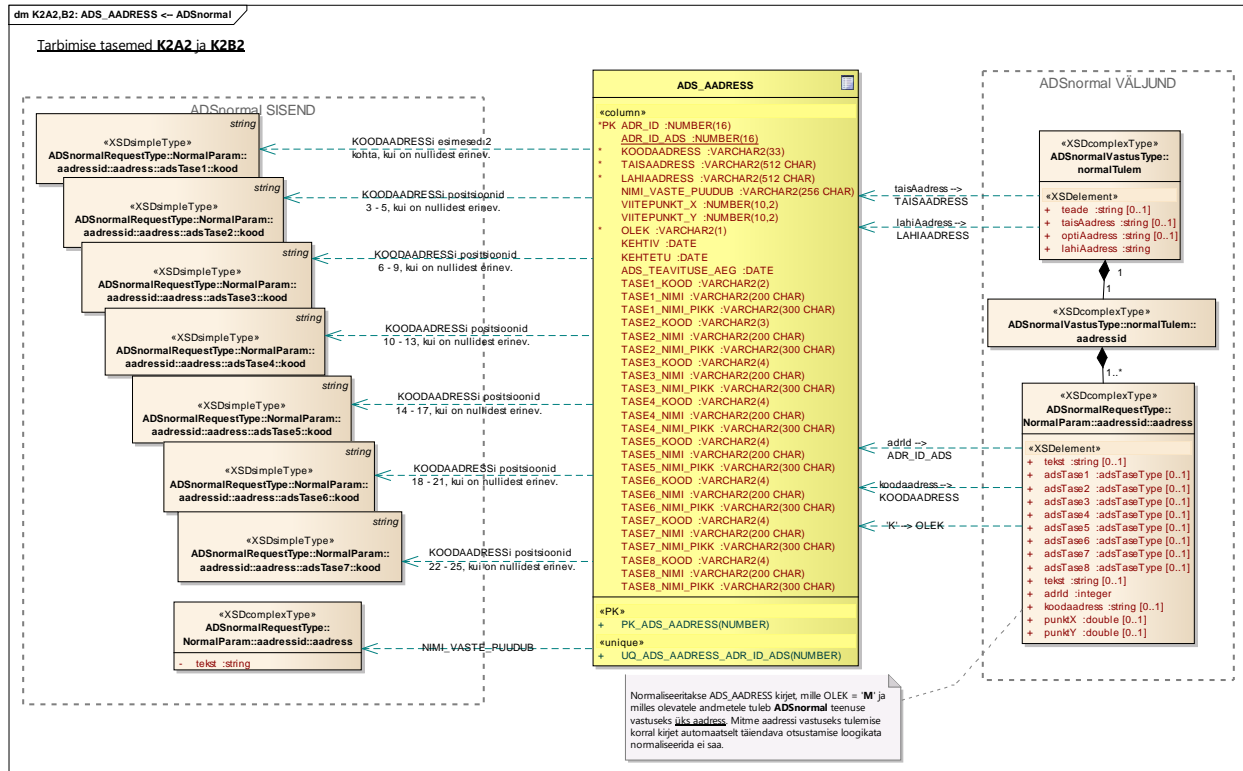


Figure: 17

Data transfer events 'I', 'U', 'D', 'S' ja 'R'

ADSaadrmuudatused

K2A1 ja K2A2

K2A1: ADSaadrmuudatused, syndmus = 'I' või 'R'

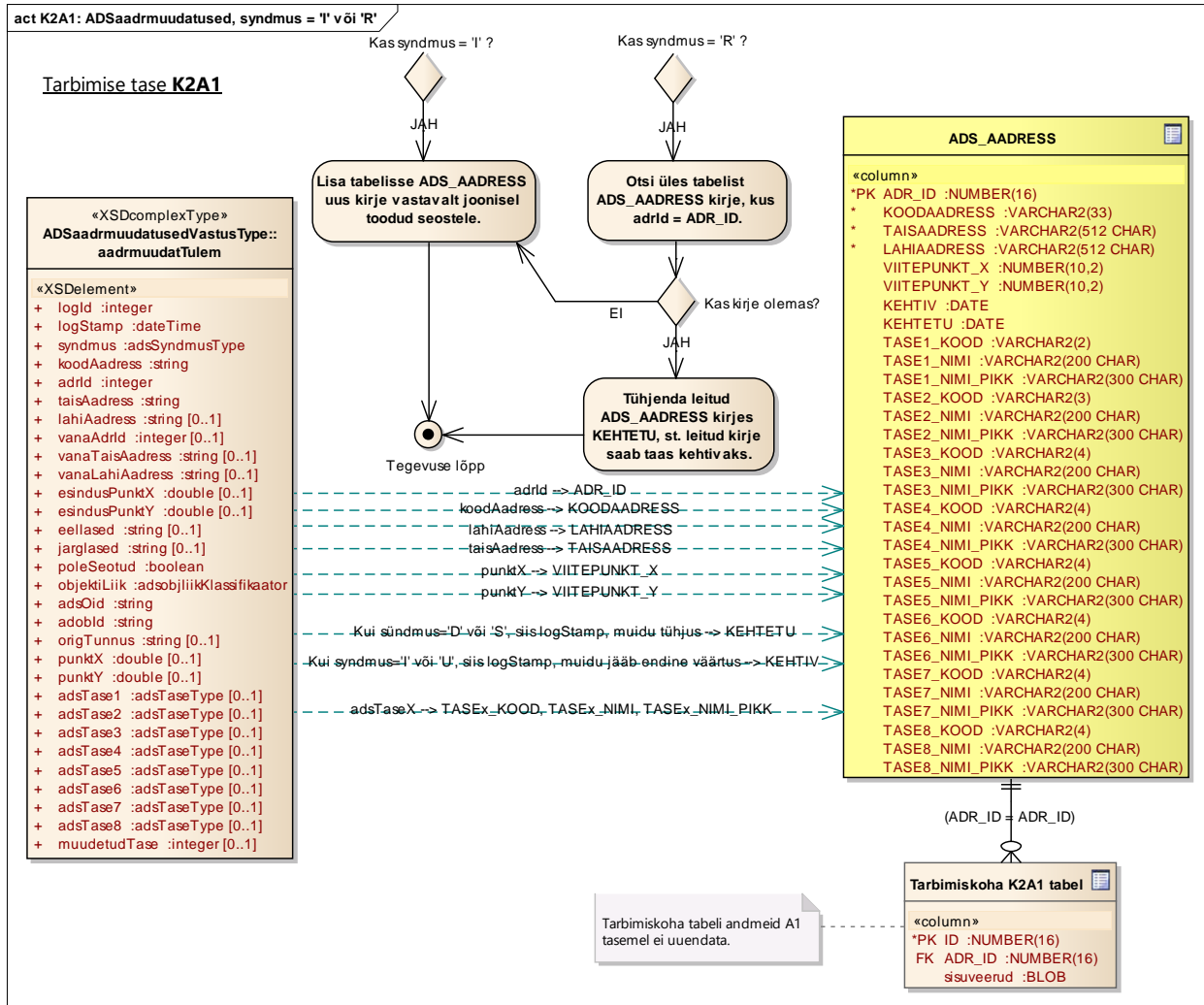


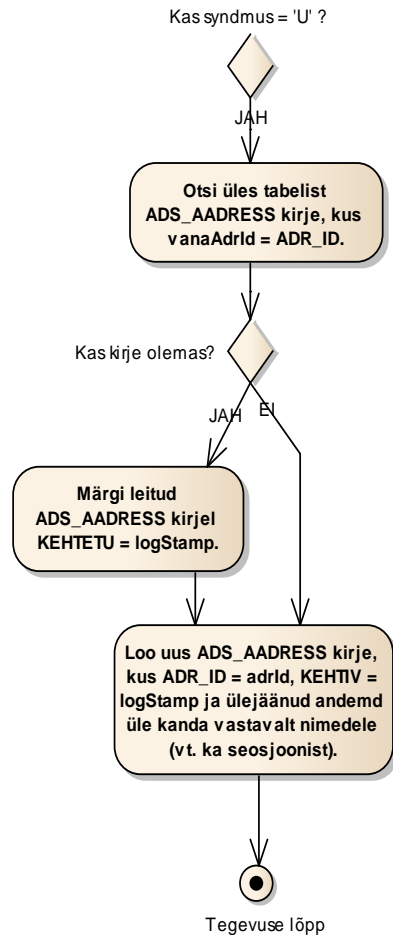
Figure: 18

K2A1: ADSaadrmuudatused, syndmus = 'U'

act K2A1: ADSaadrmuudatused, syndmus = 'U'

Tarbimise tase K2A1

«XSDcomplexType» ADSaadrmuudatusedVastusType:: aadrmuudatTulem
«XSDelement»
+ logId :integer
+ logStamp :dateTime
+ syndmus :adsSyndmusType
+ koodAddress :string
+ adrId :integer
+ taisAddress :string
+ lahiAddress :string [0..1]
+ vanaAdrId :integer [0..1]
+ vanaTaisAddress :string [0..1]
+ vanaLahiAddress :string [0..1]
+ esindusPunktX :double [0..1]
+ esindusPunktY :double [0..1]
+ eellased :string [0..1]
+ jarglased :string [0..1]
+ poleSeotud :boolean
+ objektiLiik :adsobjliikKlassifikaator
+ adsOid :string
+ adobld :string
+ origTunnus :string [0..1]
+ punktX :double [0..1]
+ punktY :double [0..1]
+ adsTase1 :adsTaseType [0..1]
+ adsTase2 :adsTaseType [0..1]
+ adsTase3 :adsTaseType [0..1]
+ adsTase4 :adsTaseType [0..1]
+ adsTase5 :adsTaseType [0..1]
+ adsTase6 :adsTaseType [0..1]
+ adsTase7 :adsTaseType [0..1]
+ adsTase8 :adsTaseType [0..1]
+ muudetudTase :integer [0..1]



ADS_ADDRESS
«column»
*PK ADR_ID :NUMBER(16)
* KODAADRESS :VARCHAR2(33)
* TAISADDRESS :VARCHAR2(512 CHAR)
* LAHIAADDRESS :VARCHAR2(512 CHAR)
VIITEPUNKT_X :NUMBER(10,2)
VIITEPUNKT_Y :NUMBER(10,2)
KEHTIV :DATE
KEHTETU :DATE
TASE1_KOOD :VARCHAR2(2)
TASE1_NIMI :VARCHAR2(200 CHAR)
TASE1_NIMI_PIKK :VARCHAR2(300 CHAR)
TASE2_KOOD :VARCHAR2(3)
TASE2_NIMI :VARCHAR2(200 CHAR)
TASE2_NIMI_PIKK :VARCHAR2(300 CHAR)
TASE3_KOOD :VARCHAR2(4)
TASE3_NIMI :VARCHAR2(200 CHAR)
TASE3_NIMI_PIKK :VARCHAR2(300 CHAR)
TASE4_KOOD :VARCHAR2(4)
TASE4_NIMI :VARCHAR2(200 CHAR)
TASE4_NIMI_PIKK :VARCHAR2(300 CHAR)
TASE5_KOOD :VARCHAR2(4)
TASE5_NIMI :VARCHAR2(200 CHAR)
TASE5_NIMI_PIKK :VARCHAR2(300 CHAR)
TASE6_KOOD :VARCHAR2(4)
TASE6_NIMI :VARCHAR2(200 CHAR)
TASE6_NIMI_PIKK :VARCHAR2(300 CHAR)
TASE7_KOOD :VARCHAR2(4)
TASE7_NIMI :VARCHAR2(200 CHAR)
TASE7_NIMI_PIKK :VARCHAR2(300 CHAR)
TASE8_KOOD :VARCHAR2(4)
TASE8_NIMI :VARCHAR2(200 CHAR)
TASE8_NIMI_PIKK :VARCHAR2(300 CHAR)

(ADR_ID = ADR_ID)

Tarbimiskoha K2A1 tabel
«column»
*PK ID :NUMBER(16)
FK ADR_ID :NUMBER(16)
sisuveerud :BLOB

Tarbimiskoha tabeli andmeid A1 tasemel ei uuendata.

Figure: 19

K2A1: ADSaadrmuudatused, syndmus = 'D' or 'S'

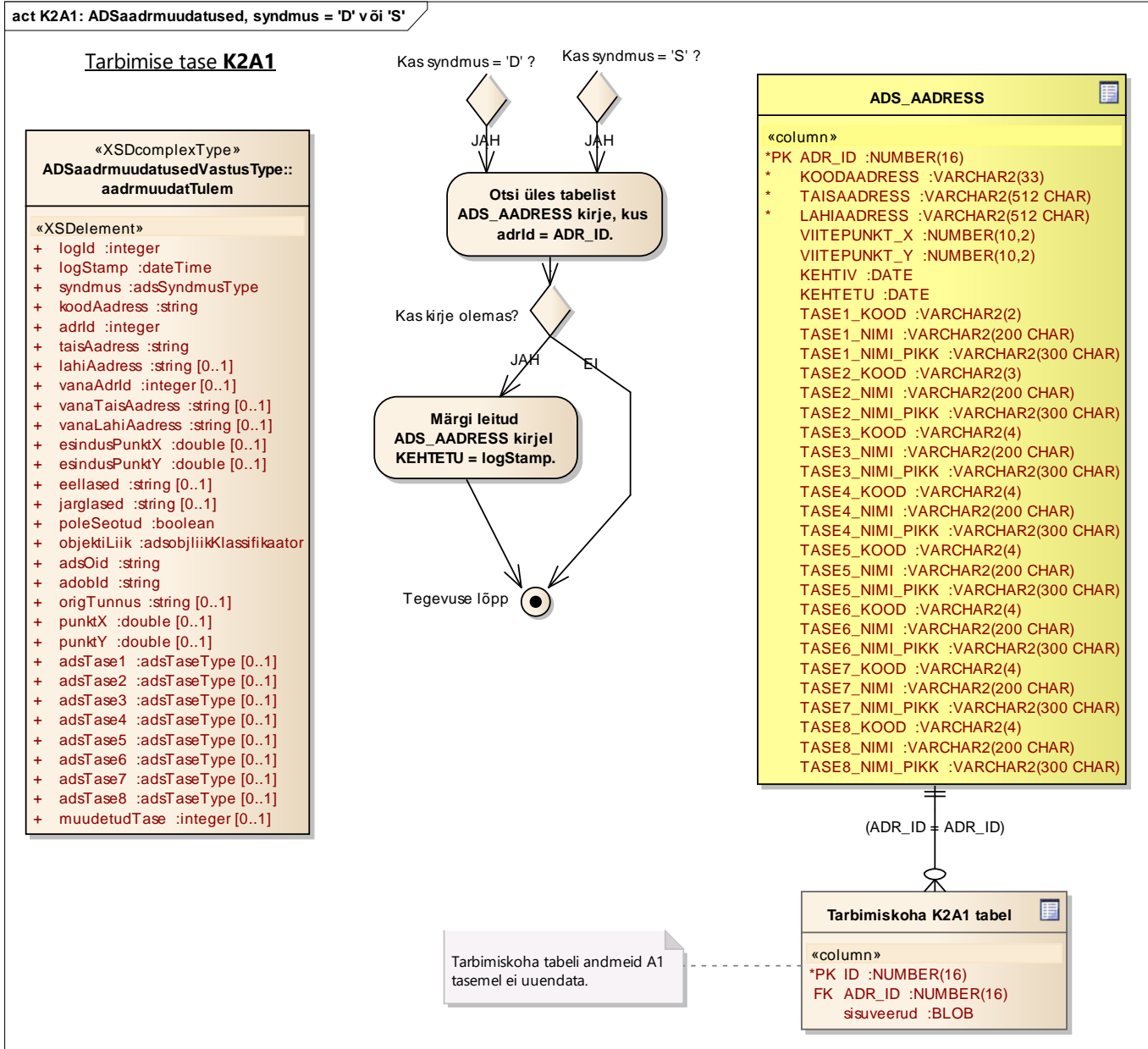


Figure: 20

K2A2: ADSaadrmuudatused, syndmus = 'I', 'U', 'D', 'S' or 'R'

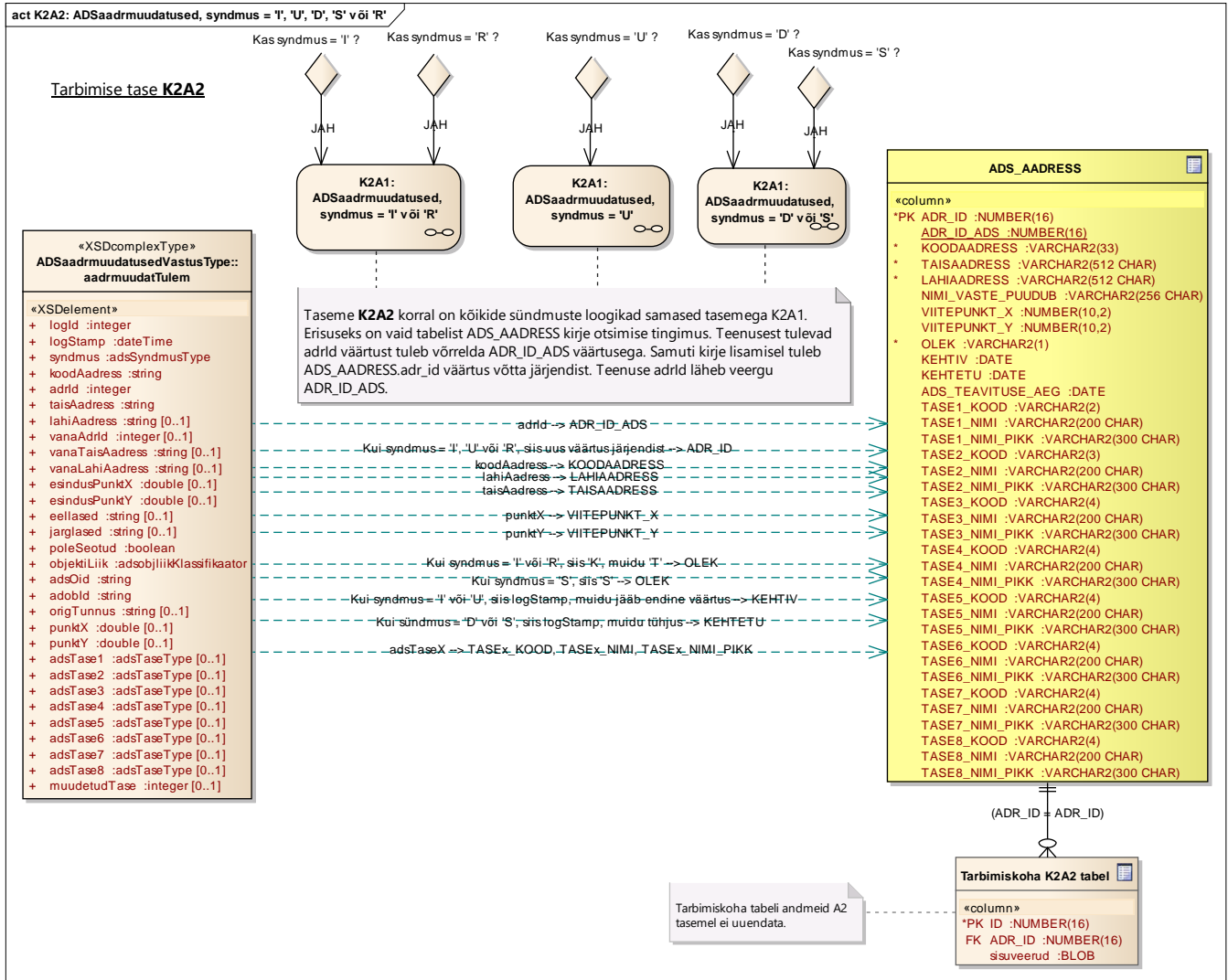


Figure: 21

K2B1 ja K2B2

K2B1: ADSaadrmuudatused, syndmus = 'T', 'U', 'D', 'S' or 'R'

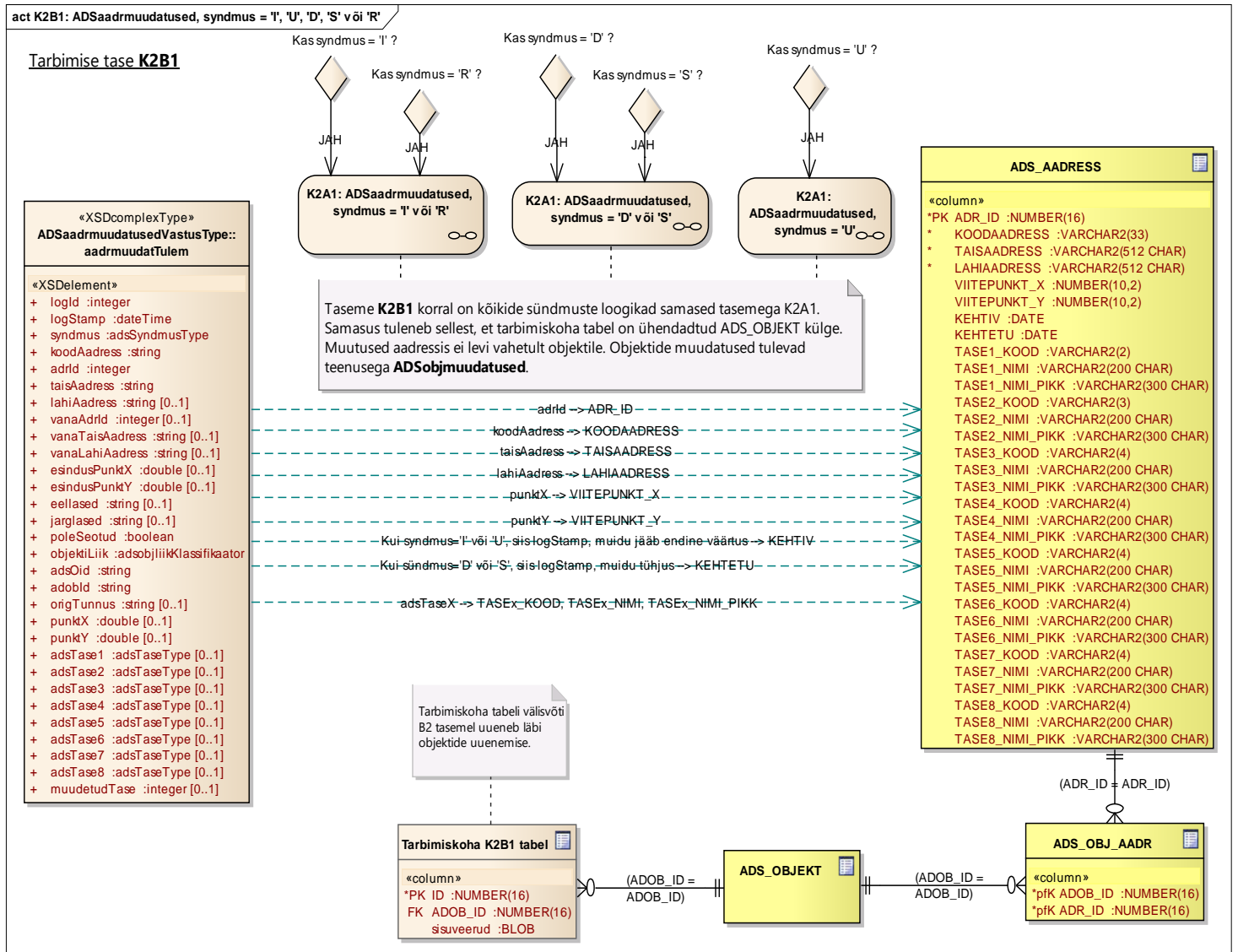


Figure: 22

K2B2: ADSaadrmuudatused, syndmus = 'I' or 'R'

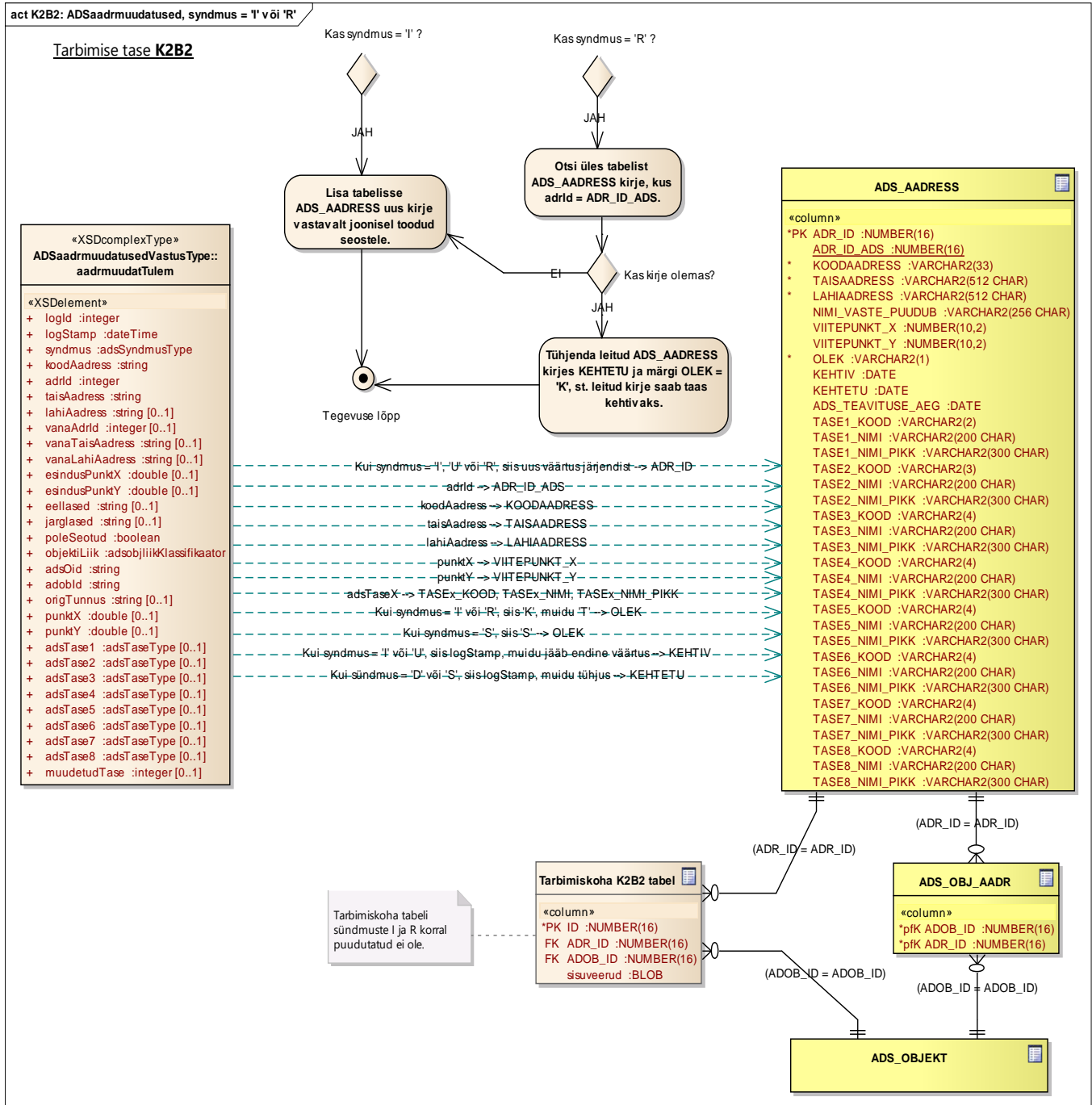


Figure: 23

K2B2: ADSaadrmuudatused, sündmus = 'U'

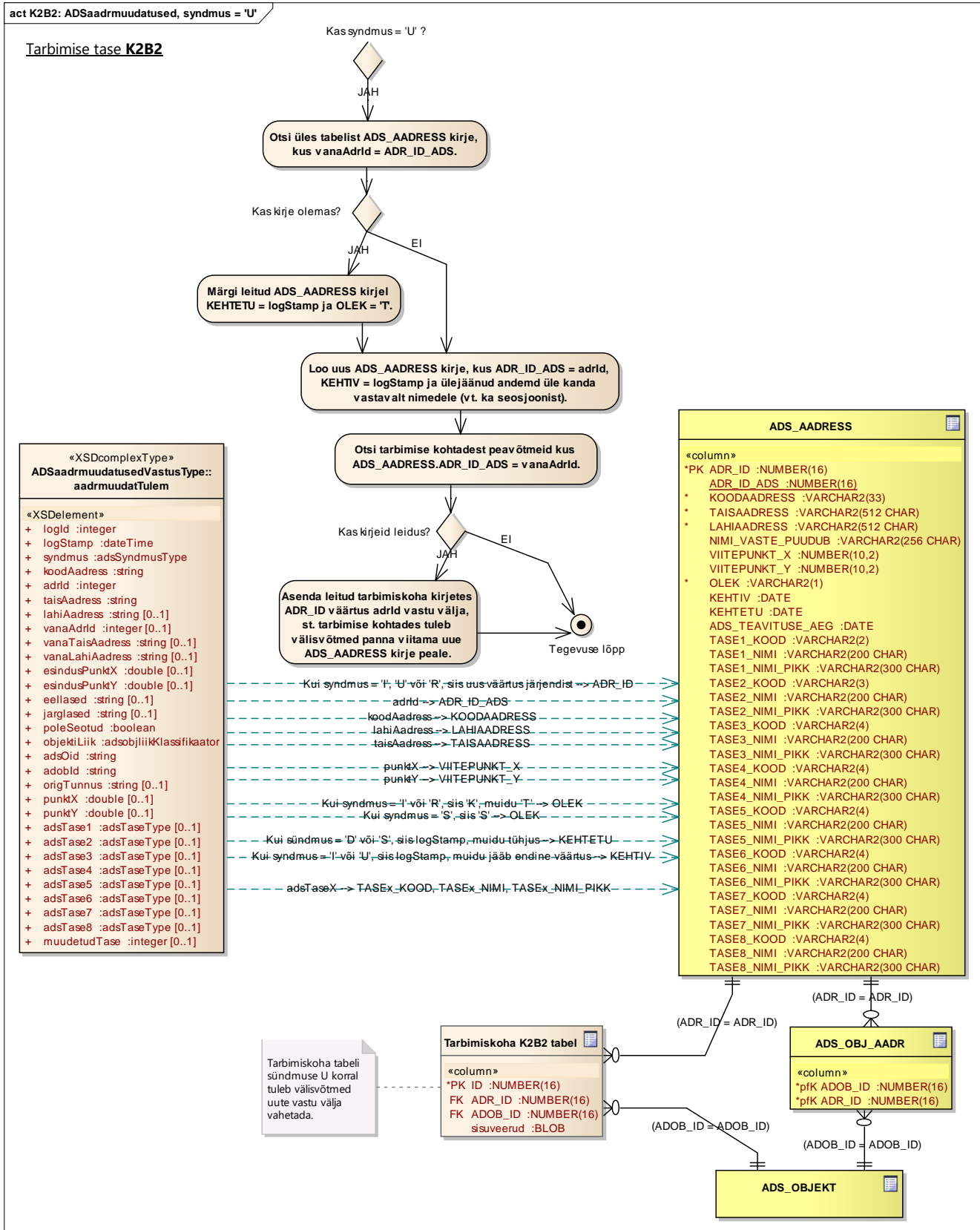
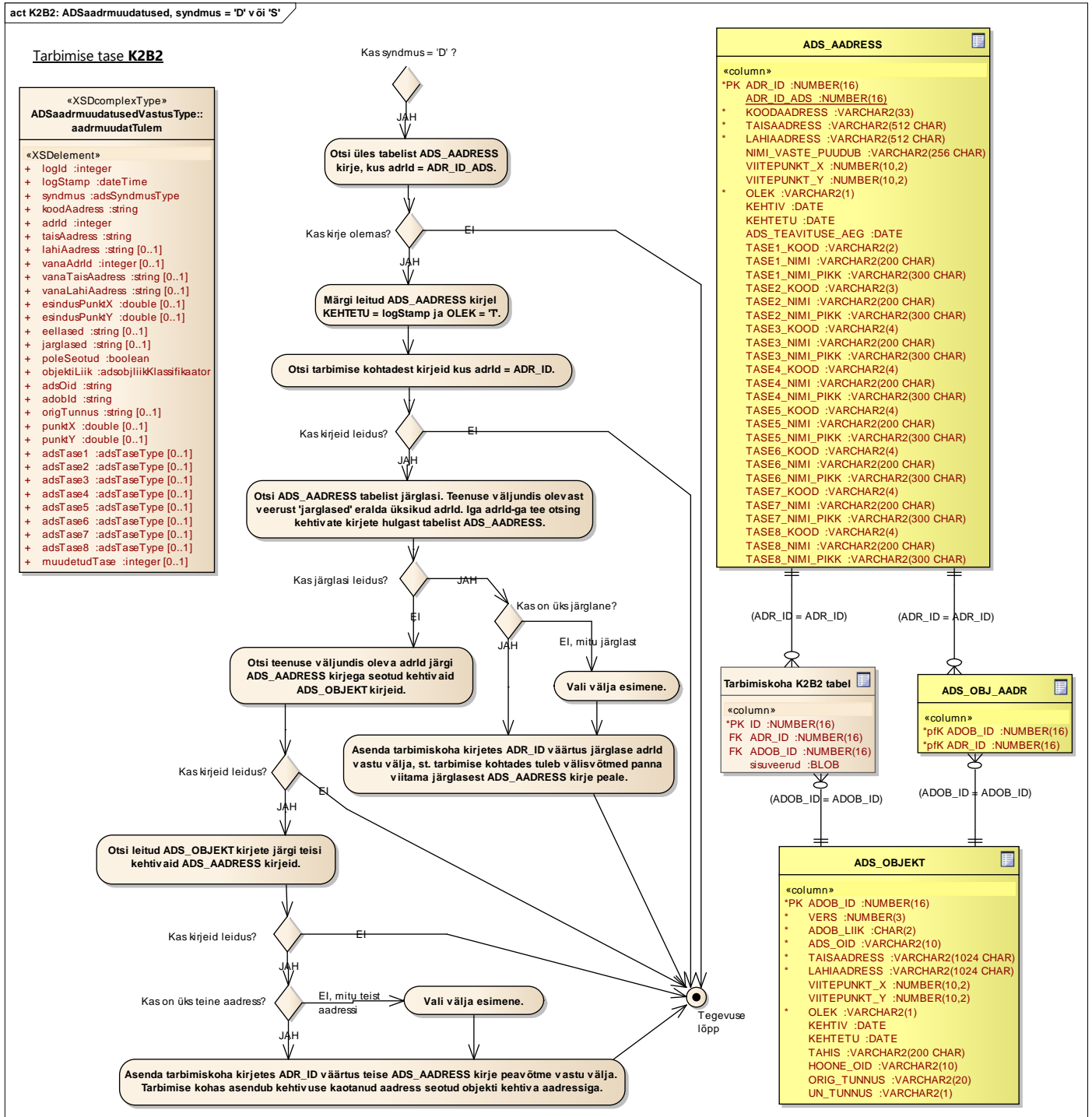


Figure: 24

K2B2: ADSaadrmuudatused, sündmus = 'D' or 'S'



ADSobjmuudatused

K2A1 ja K2A2

K2A1: ADSobjmuudatused, syndmus = 'I' or 'R'

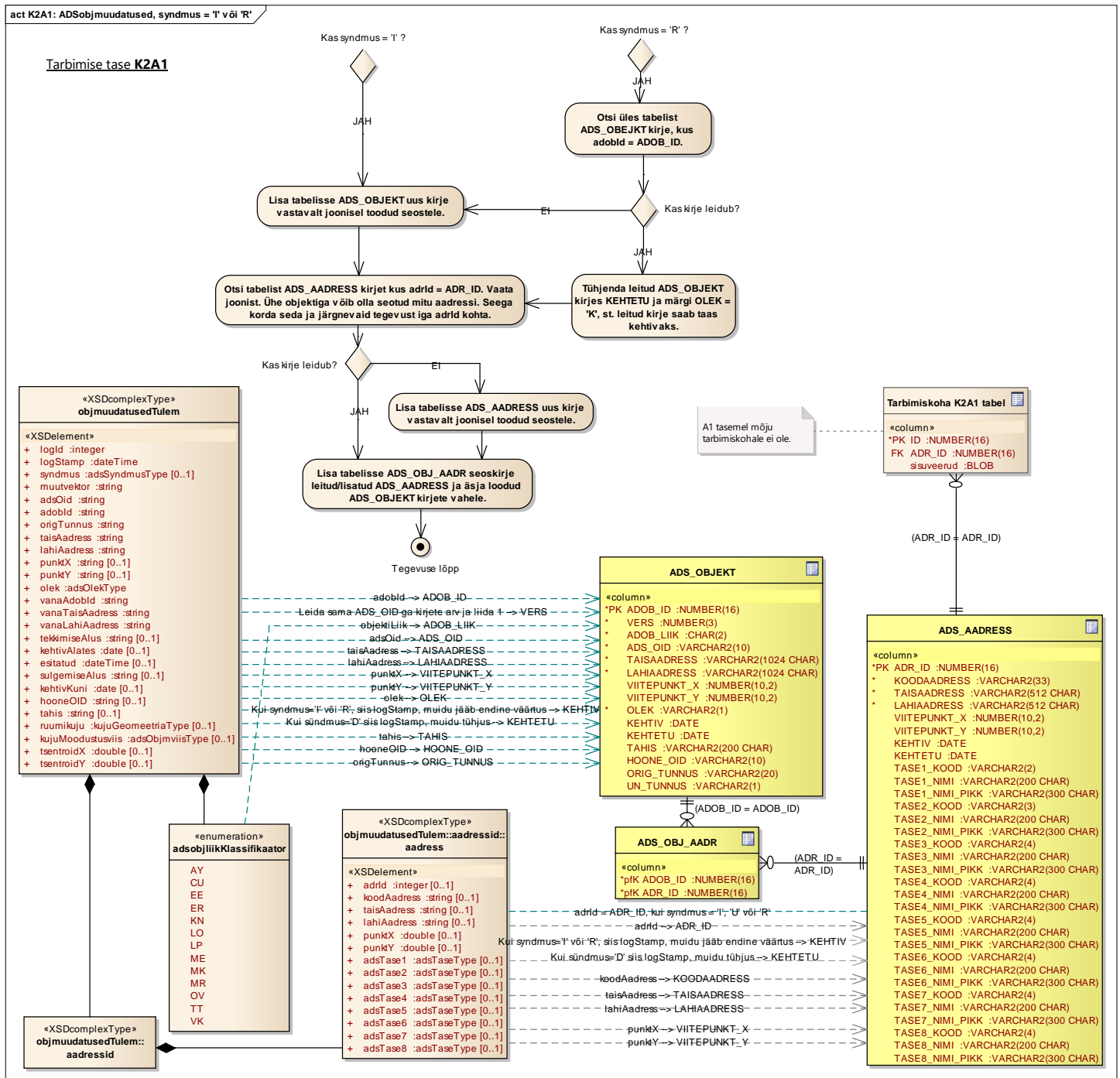


Figure: 26

K2A1: ADSobjmuudatud, syndmus = 'U'

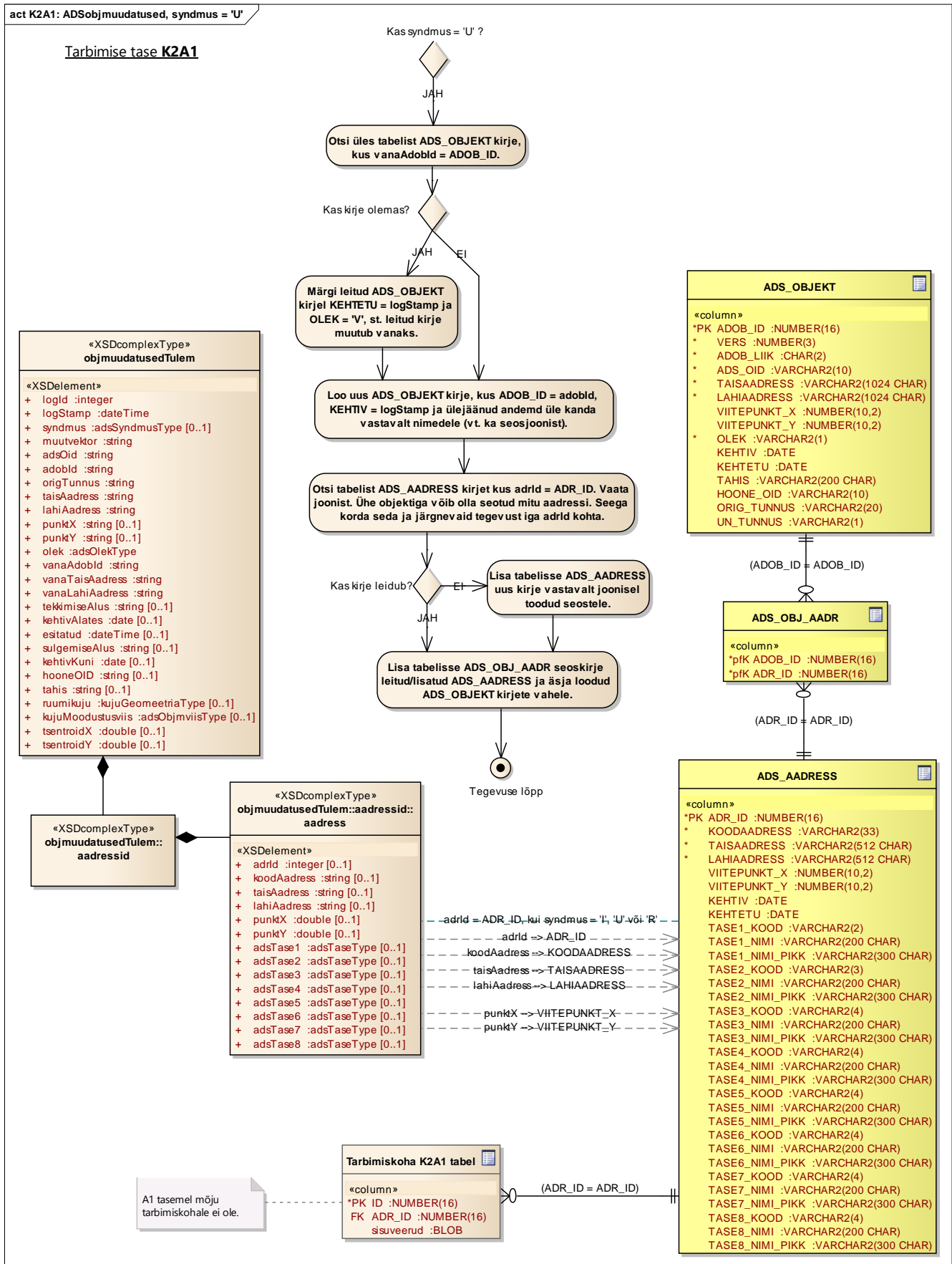


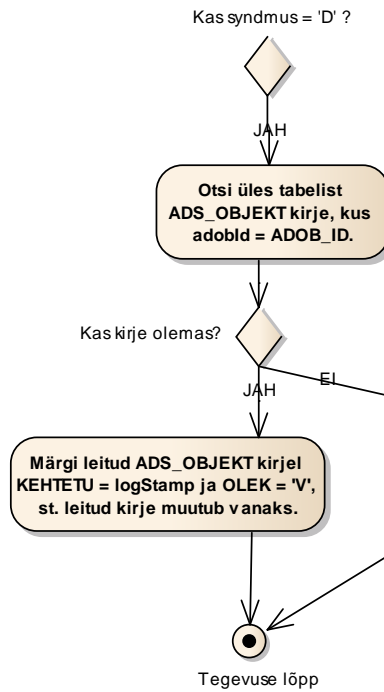
Figure: 27

K2A1: ADSobjmuudatused, syndmus = 'D'

act K2A1: ADSobjmuudatused, syndmus = 'D'

Tarbimise tase K2A1

«XSDcomplexType» objmuudatusedTulem
«XSDelement»
+ logId :integer
+ logStamp :dateTime
+ syndmus :adsSyndmusType [0..1]
+ muutvektor :string
+ adsOid :string
+ adoblId :string
+ origTunnus :string
+ taisAadress :string
+ lahiAadress :string
+ punktX :string [0..1]
+ punktY :string [0..1]
+ olek :adsOlekType
+ vanaAdoblId :string
+ vanaTaisAadress :string
+ vanaLahiAadress :string
+ tekkimiseAlus :string [0..1]
+ kehtivAlates :date [0..1]
+ esitatud :dateTime [0..1]
+ sulgemiseAlus :string [0..1]
+ kehtivKuni :date [0..1]
+ hooneOID :string [0..1]
+ tahis :string [0..1]
+ ruumikuju :kujuGeomeetriaType [0..1]
+ kujuMoodustusviis :adsObjmviisType [0..1]
+ tsentroidX :double [0..1]
+ tsentroidY :double [0..1]



ADS_OBJEKT
«column»
*PK ADOB_ID :NUMBER(16)
* VERS :NUMBER(3)
* ADOB_LIIK :CHAR(2)
* ADS_OID :VARCHAR2(10)
* TAISAADDRESS :VARCHAR2(1024 CHAR)
* LAHIAADDRESS :VARCHAR2(1024 CHAR)
* VIITEPUNKT_X :NUMBER(10,2)
* VIITEPUNKT_Y :NUMBER(10,2)
* OLEK :VARCHAR2(1)
KEHTIV :DATE
KEHTETU :DATE
TAHIS :VARCHAR2(200 CHAR)
HOONE_OID :VARCHAR2(10)
ORIG_TUNNUS :VARCHAR2(20)
UN_TUNNUS :VARCHAR2(1)

Figure: 28

K2A2: ADSobjmuudatused, syndmus = 'I', 'U', 'D' or 'R'

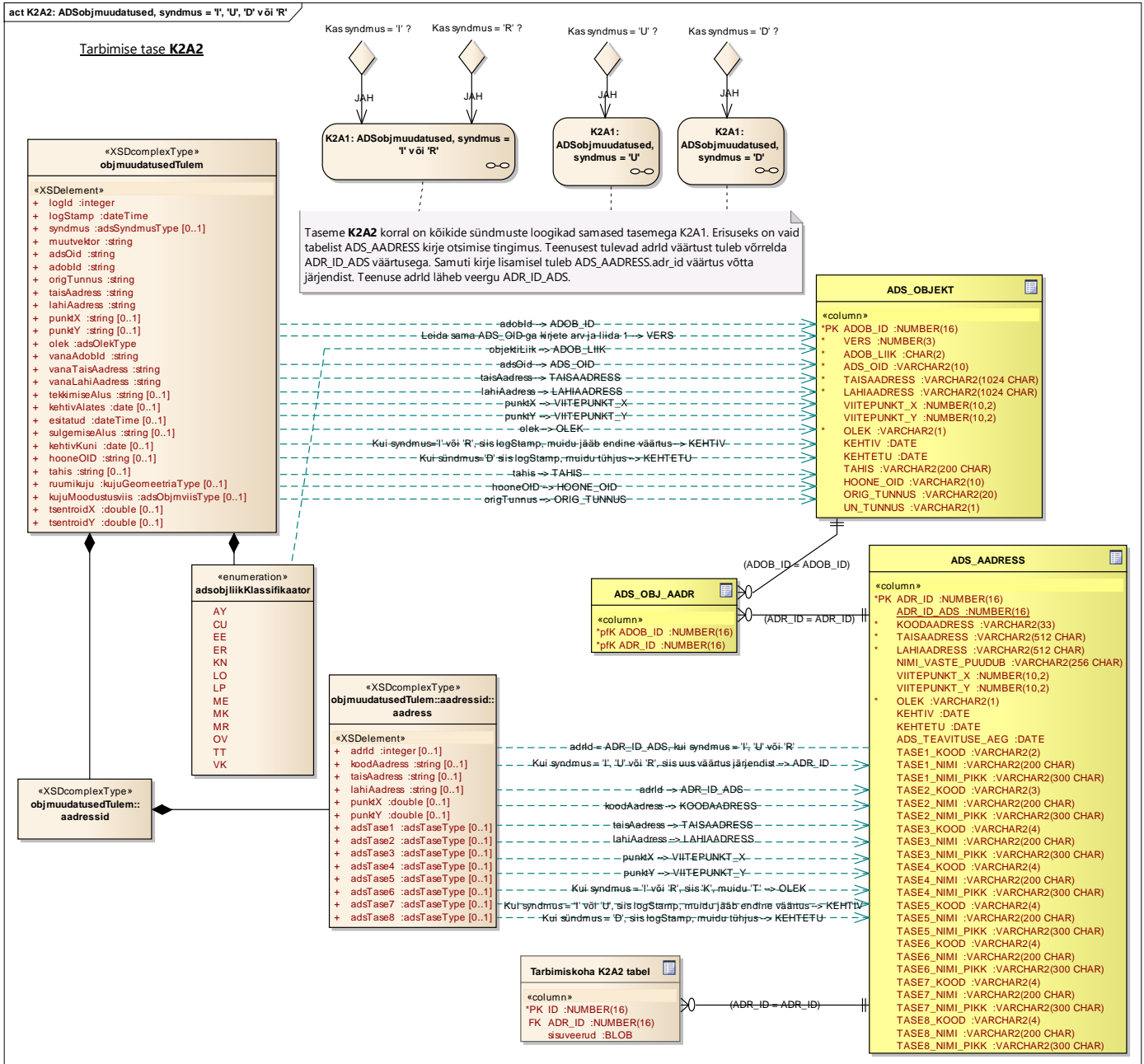


Figure: 29

K2B1 ja K2B2

K2B1: ADSobjmuudatud, syndmus = 'I' or 'R'

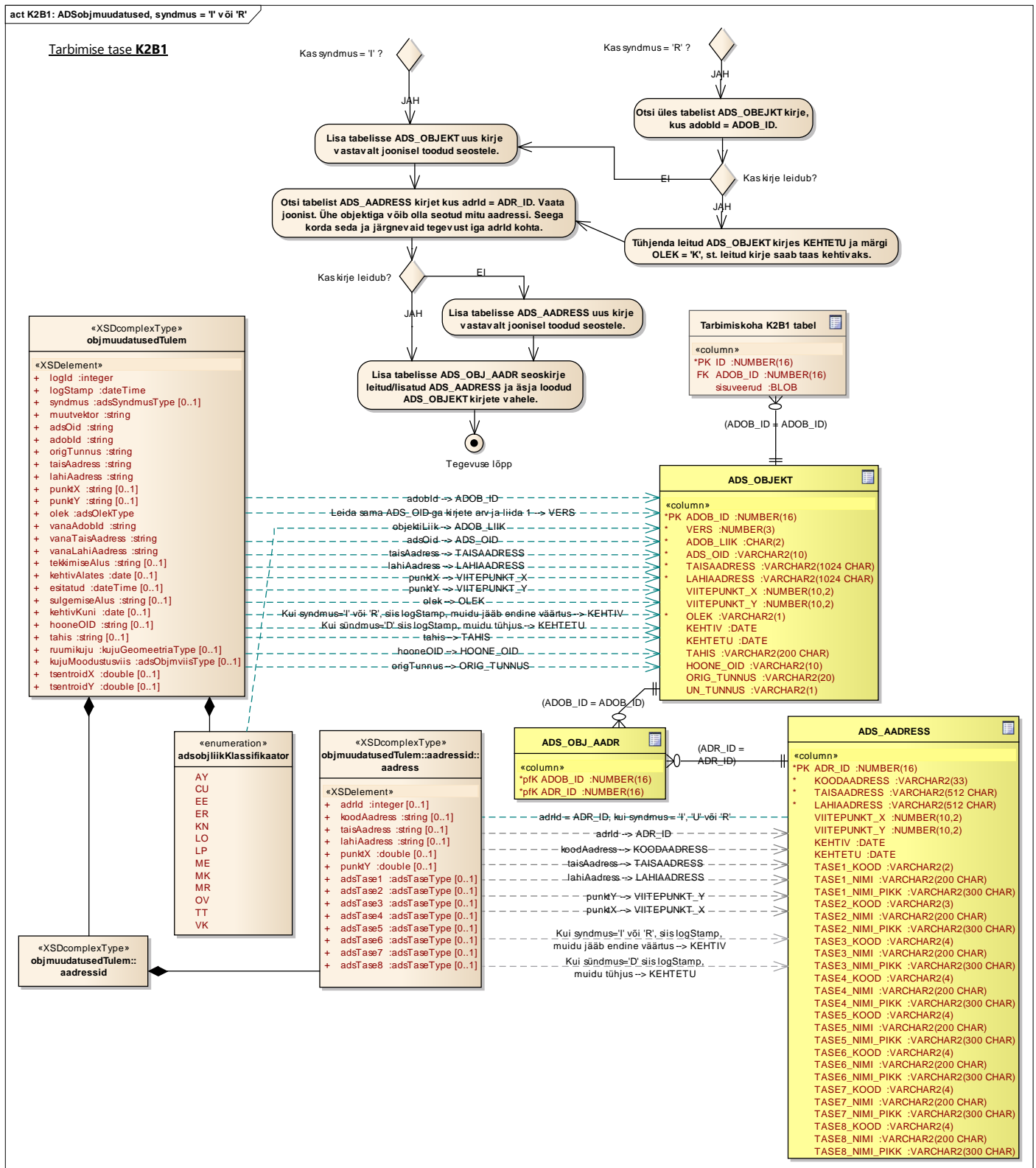


Figure: 30

K2B1: ADSobjmuudatused, syndmus = 'U'

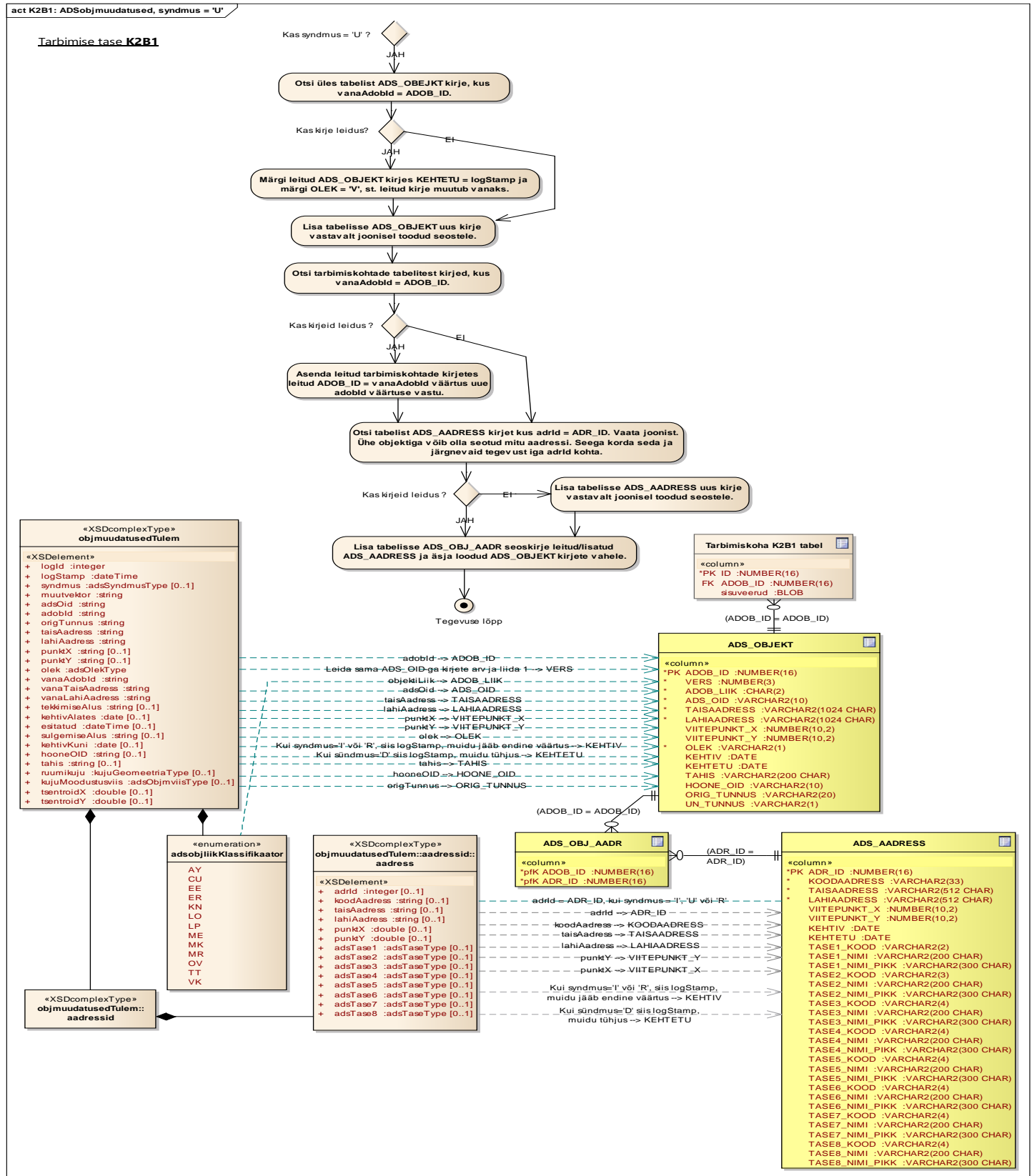
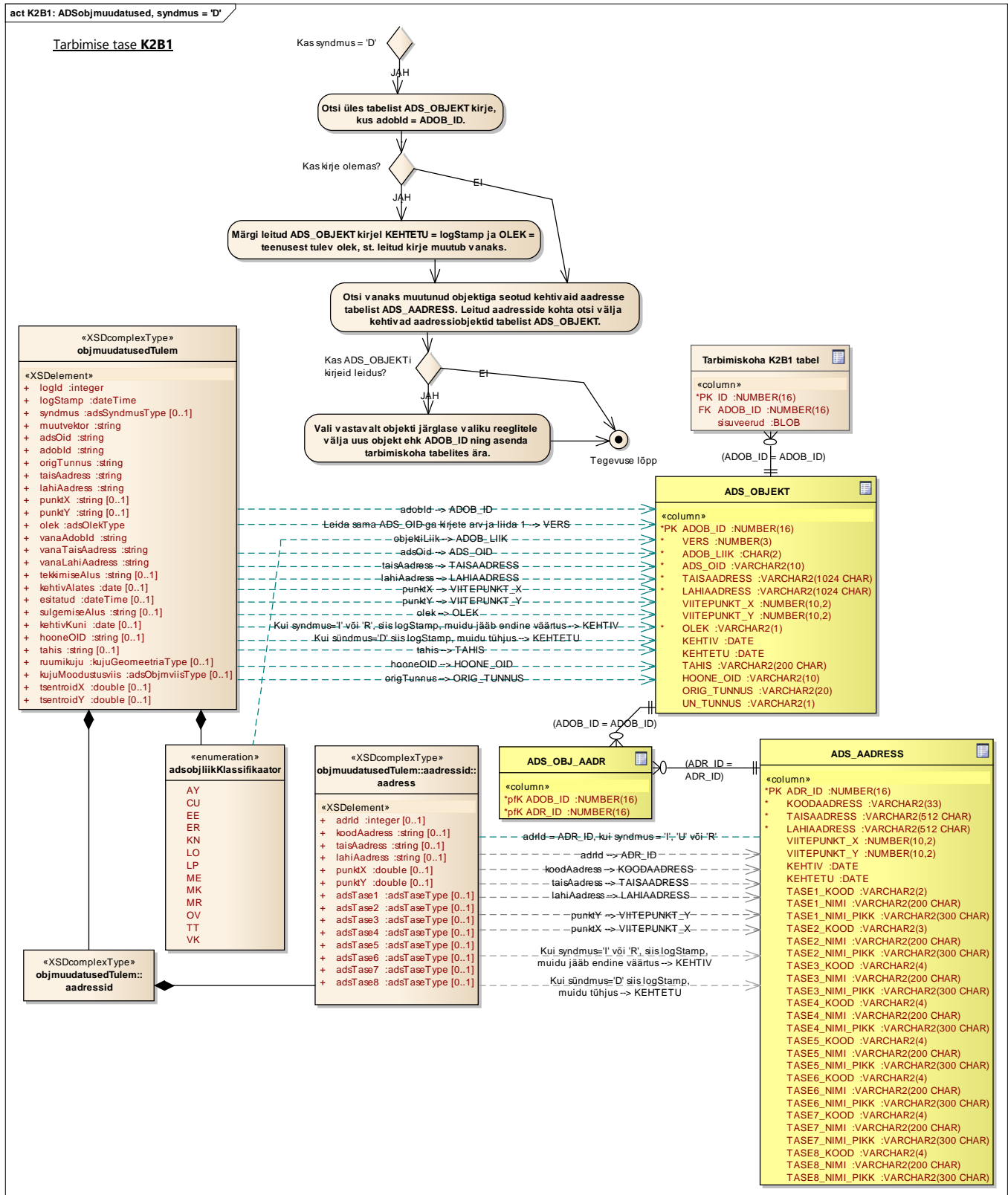


Figure: 31

K2B1: ADSobjmuudatused, syndmus = 'D'



K2B2: ADSobjmuudatused, syndmus = 'T', 'U', 'D' or 'R'

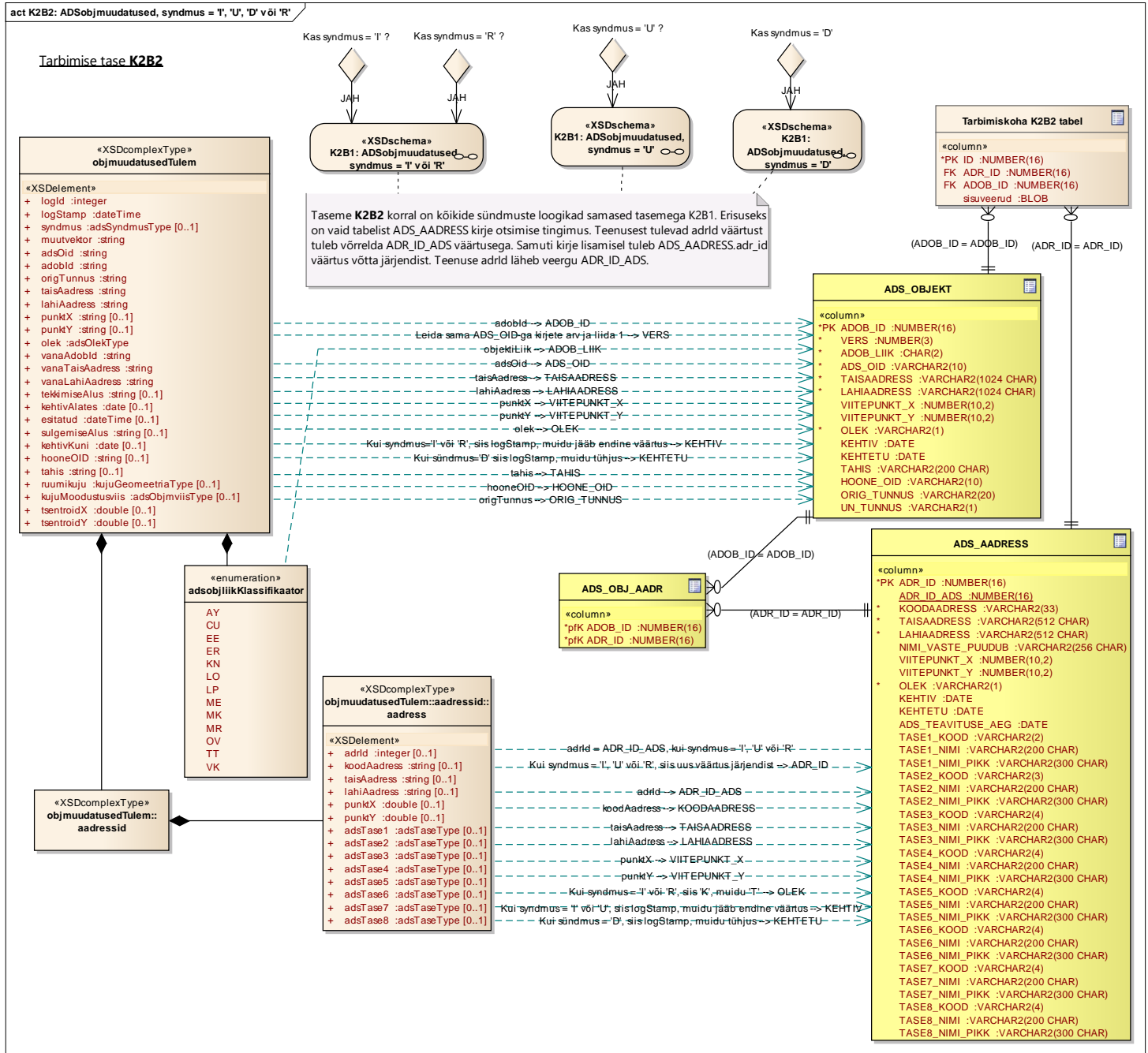


Figure: 33

Finding successors to cancelled addresses

K2B2: Finding successors to cancelled addresses

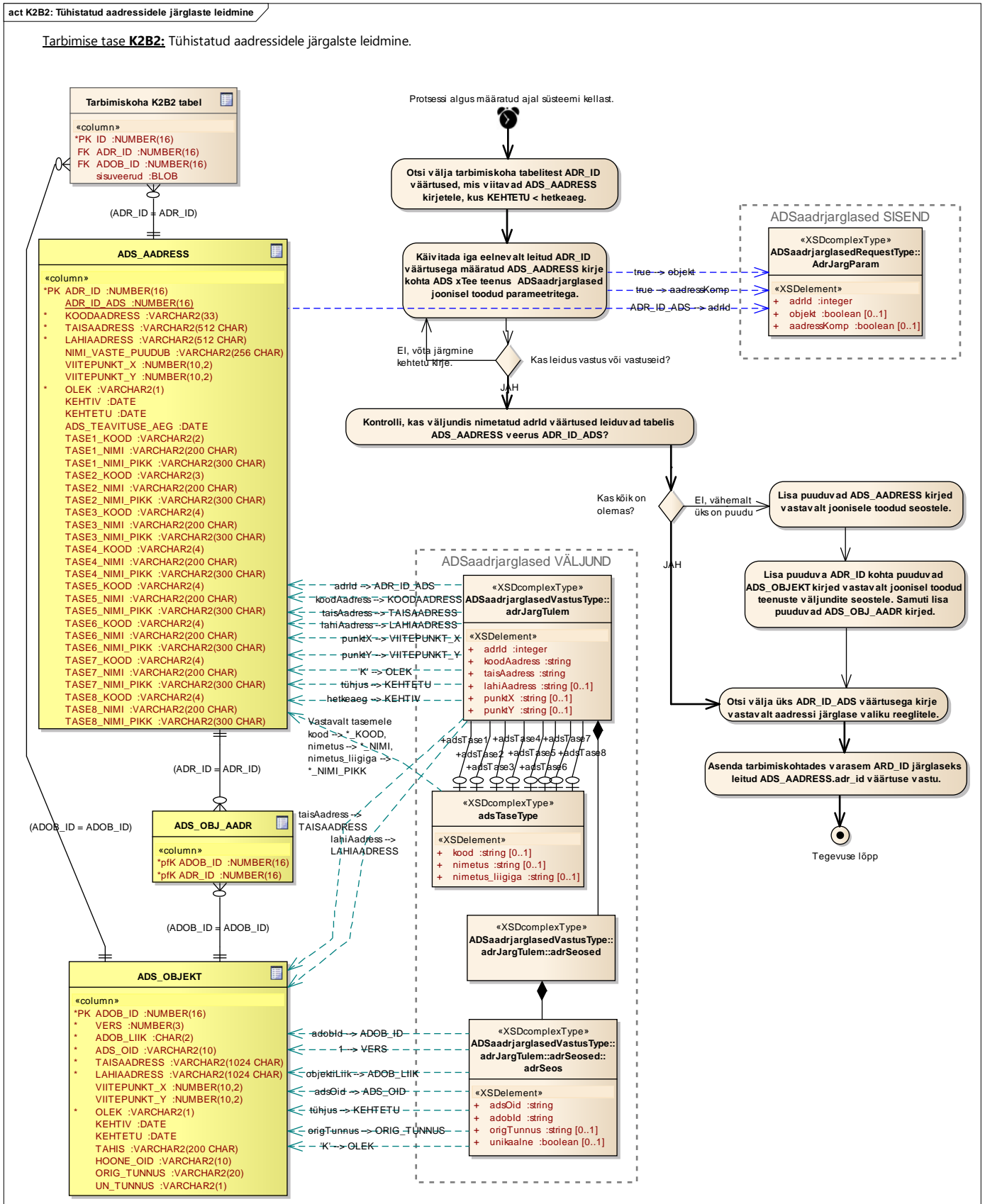


Figure: 34

Finding successors to a cancelled object

K2B2: Finding successors to a cancelled object

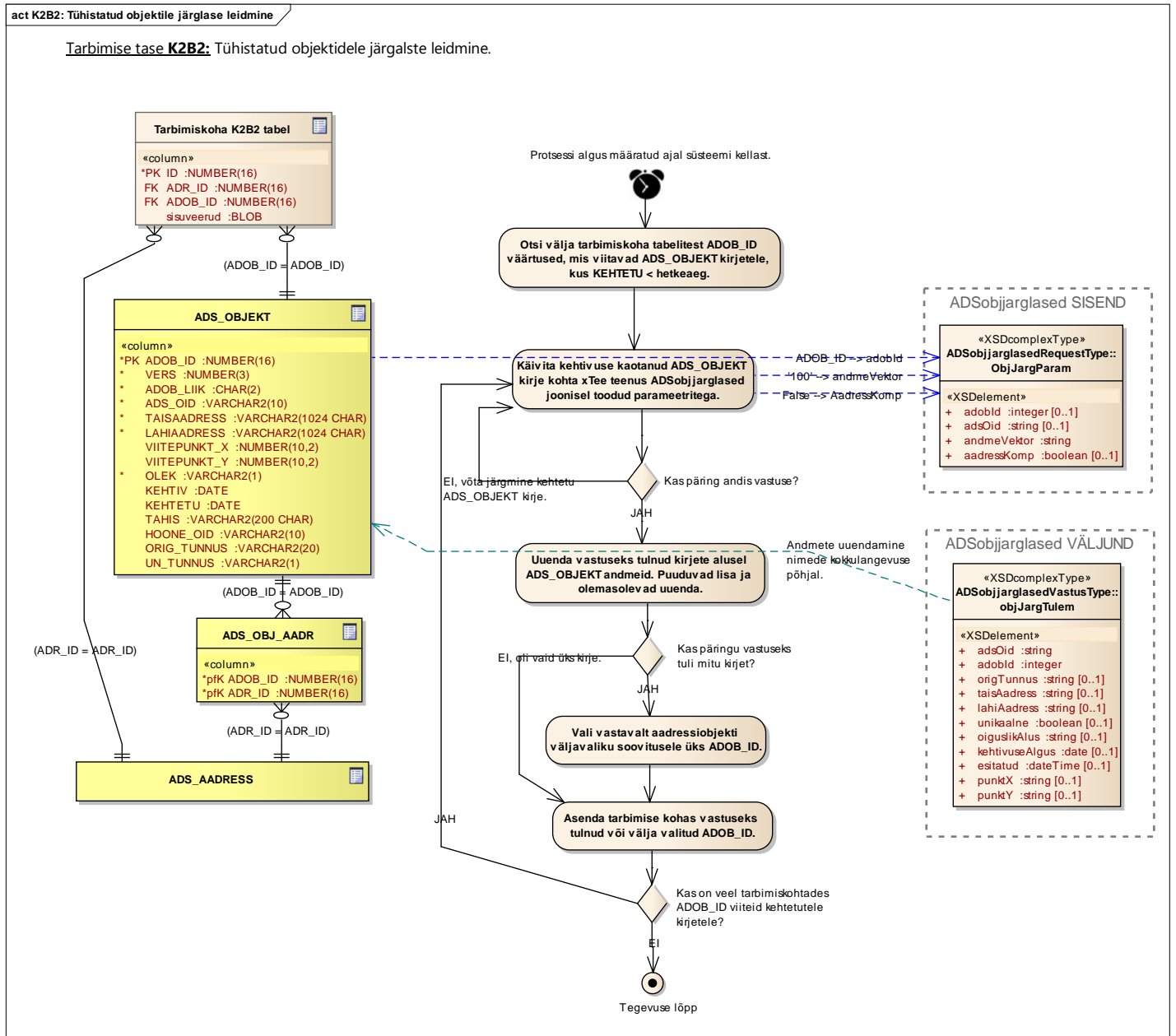


Figure: 35