

Classes

A

$A \sqsubseteq \exists \text{Rfive } B$

B

C

$C \equiv \exists \text{Rone } A$

D

$D \equiv \exists \text{Rfour } G \sqcap \exists \text{Rone } A \sqcap \exists \text{Rtwo } B$

$D \sqsubseteq C$

E

$E \equiv \exists \text{Rone } A \sqcap \exists \text{Rtwo } B$

$E \sqsubseteq C$

F

$F \equiv \exists \text{Rone } A \sqcap \exists \text{Rthree } D \sqcap \exists \text{Rtwo } B$

$F \sqsubseteq E$

G

Thing

Object properties

Rfive

Rfour

Rone

$\exists \text{Rone } \text{Thing} \sqsubseteq C$

Rsix

Rthree

$\exists \text{Rthree } \text{Thing} \sqsubseteq F$

$\top \sqsubseteq \forall \text{Rthree } D$

Rtwo

$\exists \text{ Rtwo Thing} \sqsubseteq \text{E}$
 $\top \sqsubseteq \forall \text{ Rtwo B}$

Data properties

Individuals

aInst

aInst : Thing
Rfive(aInst, bInst)

bInst

bInst : Thing

cInst

cInst : Thing

dInst

dInst : Thing

fInst

fInst : Thing
Rone(fInst, aInst)
Rthree(fInst, dInst)
Rtwo(fInst, bInst)

Datatypes