

Classes

AB

$AB \sqsubseteq PT$
 $AB \sqsubseteq \forall \text{ ov}^- AB$
 $AB \sqsubseteq \forall \text{ p}^- AB$
 $AB \sqsubseteq \forall \text{ p} AB$
 $AB \sqsubseteq \forall \text{ ov} AB$
 $AB \sqsubseteq \neg PD$
 $AB \sqsubseteq \neg Q$
 $AB \sqsubseteq \neg ED$

ACC

$ACC \sqsubseteq EV$
 $ACC \sqsubseteq \neg ACH$

ACH

$ACH \sqsubseteq EV$
 $ACH \sqsubseteq \neg ACC$

APO

$APO \sqsubseteq POB$

AQ

$AQ \sqsubseteq \exists \text{ dQt NPED}$
 $AQ \sqsubseteq Q$
 $AQ \sqsubseteq \neg PQ$
 $AQ \sqsubseteq \neg TQ$

AR

$AR \sqsubseteq R$
 $AR \sqsubseteq \neg PR$
 $AR \sqsubseteq \neg TR$

AS

$AS \sqsubseteq ED$
 $AS \sqsubseteq \neg NPED$
 $AS \sqsubseteq \neg PED$

ASO

$\text{ASO} \sqsubseteq \text{SOB}$
 $\text{ASO} \sqsubseteq \neg \text{NASO}$
 $\text{DisjointUnion SAG SC}$

AT

$\text{AT} \sqsubseteq \text{AB} \sqcup \text{PD}$
 $\text{AT} \sqsubseteq \neg(\exists \text{ pP}^- \text{ PT})$
 $\text{AT} \sqsubseteq \text{PT}$

ATP-t

$\text{ATP-t} \sqsubseteq \text{P-t}$

CAT

$\text{CAT} \sqsubseteq \neg(\exists \text{ cPP}^- \text{ PT})$
 $\text{CAT} \sqsubseteq \text{ED}$

CSUM

$\text{CSUM} \sqsubseteq \exists \text{ csum1 ED}$
 $\text{CSUM} \sqsubseteq \text{RELN}$
 $\text{CSUM} \sqsubseteq \exists \text{ csum2 ED}$
 $\text{CSUM} \sqsubseteq \exists \text{ csum3 ED}$
 $\text{CSUM} \sqsubseteq \neg \text{PC-t}$
 $\text{CSUM} \sqsubseteq \neg \text{K-t}$
 $\text{CSUM} \sqsubseteq \neg \text{SUM-t}$
 $\text{CSUM} \sqsubseteq \neg \text{OV-t}$
 $\text{CSUM} \sqsubseteq \neg \text{QL-t}$
 $\text{CSUM} \sqsubseteq \neg \text{SUM}$

ED

$\text{ED} \sqsubseteq \text{PT}$
 $\text{ED} \sqsubseteq \exists \text{ tPC1}^- \text{ PC-t}$
 $\text{ED} \sqsubseteq \neg \text{PD}$
 $\text{ED} \sqsubseteq \neg \text{Q}$
 $\text{ED} \sqsubseteq \neg \text{AB}$
 $\text{DisjointUnion AS NPED PED}$

EV

$\text{EV} \sqsubseteq \text{PD}$
 $\text{EV} \sqsubseteq \neg \text{STV}$
 $\text{DisjointUnion ACC ACH}$

F

$F \sqsubseteq \text{PED}$
 $F \sqsubseteq \neg \text{POB}$
 $F \sqsubseteq \neg M$

K-t

$K-t \sqsubseteq \text{RELN}$
 $K-t \sqsubseteq \neg \text{SUM}$
 $K-t \sqsubseteq \neg \text{PC-t}$
 $K-t \sqsubseteq \neg \text{SUM-t}$
 $K-t \sqsubseteq \neg \text{CSUM}$
 $K-t \sqsubseteq \neg \text{OV-t}$
 $K-t \sqsubseteq \neg \text{QL-t}$

KNPED-t

$\text{KNPED-t} \sqsubseteq \exists t \text{KNPED1 NPED}$
 $\text{KNPED-t} \sqsubseteq \exists t \text{KNPEDt T}$
 $\text{KNPED-t} \sqsubseteq \exists t \text{KNPED2 NPED}$
 $\text{KNPED-t} \sqsubseteq K-t$

KPD-t

$\text{KPD-t} \sqsubseteq \exists t \text{KPD2 PD}$
 $\text{KPD-t} \sqsubseteq \exists t \text{KPD1 PD}$
 $\text{KPD-t} \sqsubseteq K-t$
 $\text{KPD-t} \sqsubseteq \exists t \text{KPDt T}$

KPED-t

$\text{KPED-t} \sqsubseteq \exists t \text{KPED1 PED}$
 $\text{KPED-t} \sqsubseteq \exists t \text{KPED2 PED}$
 $\text{KPED-t} \sqsubseteq K-t$
 $\text{KPED-t} \sqsubseteq \exists t \text{KPEDt T}$

M

$M \sqsubseteq \text{PED}$
 $M \sqsubseteq \neg F$
 $M \sqsubseteq \neg \text{POB}$

MOB

$\text{MOB} \sqsubseteq \text{NPOB}$

NAPO

$\text{NAPO} \sqsubseteq \text{POB}$

NASO

$\text{NASO} \sqsubseteq \text{SOB}$
 $\text{NASO} \sqsubseteq \neg \text{ASO}$

NPED

$\text{NPED} \sqsubseteq \text{ED}$
 $\text{NPED} \sqsubseteq \exists \text{dQt}^- \text{AQ}$
 $\text{NPED} \sqsubseteq \neg \text{PED}$
 $\text{NPED} \sqsubseteq \neg \text{AS}$

NPOB

$\text{NPOB} \sqsubseteq \text{NPED}$
 $\text{DisjointUnion MOB SOB}$

OV-t

$\text{OV-t} \sqsubseteq \exists \text{tOvt T}$
 $\text{OV-t} \sqsubseteq \text{RELN}$
 $\text{OV-t} \sqsubseteq \exists \text{tOv1 ED}$
 $\text{OV-t} \sqsubseteq \exists \text{tOv2 ED}$
 $\text{OV-t} \sqsubseteq \neg \text{PC-t}$
 $\text{OV-t} \sqsubseteq \neg \text{K-t}$
 $\text{OV-t} \sqsubseteq \neg \text{CSUM}$
 $\text{OV-t} \sqsubseteq \neg \text{SUM}$
 $\text{OV-t} \sqsubseteq \neg \text{QL-t}$
 $\text{OV-t} \sqsubseteq \neg \text{SUM-t}$

P-t

$\text{P-t} \sqsubseteq \text{OV-t}$

PC-t

$\text{PC-t} \sqsubseteq \exists \text{tPC2 PD}$
 $\text{PC-t} \sqsubseteq \exists \text{tPCt T}$
 $\text{PC-t} \sqsubseteq \text{RELN}$
 $\text{PC-t} \sqsubseteq \exists \text{tPC1 ED}$
 $\text{PC-t} \sqsubseteq \neg \text{CSUM}$
 $\text{PC-t} \sqsubseteq \neg \text{SUM-t}$
 $\text{PC-t} \sqsubseteq \neg \text{K-t}$
 $\text{PC-t} \sqsubseteq \neg \text{QL-t}$

PC-t $\sqsubseteq \neg$ OV-t
 PC-t $\sqsubseteq \neg$ SUM

PD

PD $\sqsubseteq \forall$ ov PD
 PD $\sqsubseteq \forall$ p PD
 PD \sqsubseteq PT
 PD $\sqsubseteq \exists$ dQt⁻ TL
 PD $\sqsubseteq \forall$ p⁻ PD
 PD $\sqsubseteq \forall$ ov⁻ PD
 PD $\sqsubseteq \neg$ ED
 PD $\sqsubseteq \neg$ Q
 PD $\sqsubseteq \neg$ AB
 DisjointUnion EV STV

PED

PED \sqsubseteq ED
 PED $\sqsubseteq \exists$ dQt⁻ SL
 PED $\sqsubseteq \neg$ NPED
 PED $\sqsubseteq \neg$ AS
 DisjointUnion F M POB

POB

POB \sqsubseteq PED
 POB $\sqsubseteq \neg$ F
 POB $\sqsubseteq \neg$ M
 DisjointUnion APO NAPO

PP-t

PP-t \sqsubseteq P-t

PQ

PQ \sqsubseteq Q
 PQ $\sqsubseteq \exists$ dQt PED
 PQ $\sqsubseteq \neg$ TQ
 PQ $\sqsubseteq \neg$ AQ

PR

PR \sqsubseteq R
 PR $\sqsubseteq \neg$ TR
 PR $\sqsubseteq \neg$ AR

PRO

$\text{PRO} \sqsubseteq \text{STV}$
 $\text{PRO} \sqsubseteq \neg \text{ST}$

PT

$\text{PT} \sqsubseteq \neg \text{RELN}$
 $\text{DisjointUnion AB ED PD Q}$

Q

$\text{Q} \sqsubseteq \text{PT}$
 $\text{Q} \sqsubseteq \neg \text{PD}$
 $\text{Q} \sqsubseteq \neg \text{AB}$
 $\text{Q} \sqsubseteq \neg \text{ED}$
 $\text{DisjointUnion AQ PQ TQ}$

QL-AR-AQ-t

$\text{QL-AR-AQ-t} \sqsubseteq \exists t \text{QL-AR-AQ}t \text{ T}$
 $\text{QL-AR-AQ-t} \sqsubseteq \exists t \text{QL-AR-AQ}1 \text{ AR}$
 $\text{QL-AR-AQ-t} \sqsubseteq \exists t \text{QL-AR-AQ}2 \text{ AQ}$
 $\text{QL-AR-AQ-t} \sqsubseteq \text{QL-t}$

QL-PR-PQ-t

$\text{QL-PR-PQ-t} \sqsubseteq \text{QL-t}$
 $\text{QL-PR-PQ-t} \sqsubseteq \exists t \text{QL-PR-PQ}t \text{ T}$
 $\text{QL-PR-PQ-t} \sqsubseteq \exists t \text{QL-PR-PQ}2 \text{ PQ}$
 $\text{QL-PR-PQ-t} \sqsubseteq \exists t \text{QL-PR-PQ}1 \text{ PR}$

QL-t

$\text{QL-t} \sqsubseteq \text{RELN}$
 $\text{QL-t} \sqsubseteq \neg \text{PC-t}$
 $\text{QL-t} \sqsubseteq \neg \text{SUM}$
 $\text{QL-t} \sqsubseteq \neg \text{K-t}$
 $\text{QL-t} \sqsubseteq \neg \text{CSUM}$
 $\text{QL-t} \sqsubseteq \neg \text{OV-t}$
 $\text{QL-t} \sqsubseteq \neg \text{SUM-t}$

R

$\text{R} \sqsubseteq \text{AB}$
 $\text{DisjointUnion AR PR TR}$

RELN

$$\text{RELN} \sqsubseteq \neg \text{PT}$$
S

$$\text{S} \sqsubseteq \text{PR}$$
SAG

$$\text{SAG} \sqsubseteq \text{ASO}$$

$$\text{SAG} \sqsubseteq \neg \text{SC}$$
SC

$$\text{SC} \sqsubseteq \text{ASO}$$

$$\text{SC} \sqsubseteq \neg \text{SAG}$$
SL

$$\text{SL} \sqsubseteq \text{PQ}$$
SOB

$$\text{SOB} \sqsubseteq \text{NPOB}$$

$$\text{DisjointUnion ASO NASO}$$
ST

$$\text{ST} \sqsubseteq \text{STV}$$

$$\text{ST} \sqsubseteq \neg \text{PRO}$$
STV

$$\text{STV} \sqsubseteq \text{PD}$$

$$\text{STV} \sqsubseteq \neg \text{EV}$$

$$\text{DisjointUnion PRO ST}$$
SUM

$$\text{SUM} \sqsubseteq \text{RELN}$$

$$\text{SUM} \sqsubseteq \neg \text{K-t}$$

$$\text{SUM} \sqsubseteq \neg \text{SUM-t}$$

$$\text{SUM} \sqsubseteq \neg \text{OV-t}$$

$$\text{SUM} \sqsubseteq \neg \text{QL-t}$$

$$\text{SUM} \sqsubseteq \neg \text{PC-t}$$

$$\text{SUM} \sqsubseteq \neg \text{CSUM}$$

SUM-t

$\text{SUM-t} \sqsubseteq \text{RELN}$
 $\text{SUM-t} \sqsubseteq \exists \text{ tSumt } T$
 $\text{SUM-t} \sqsubseteq \exists \text{ tSum2 } ED$
 $\text{SUM-t} \sqsubseteq \exists \text{ tSum1 } ED$
 $\text{SUM-t} \sqsubseteq \exists \text{ tSum3 } ED$
 $\text{SUM-t} \sqsubseteq \neg \text{SUM}$
 $\text{SUM-t} \sqsubseteq \neg \text{PC-t}$
 $\text{SUM-t} \sqsubseteq \neg \text{K-t}$
 $\text{SUM-t} \sqsubseteq \neg \text{CSUM}$
 $\text{SUM-t} \sqsubseteq \neg \text{OV-t}$
 $\text{SUM-t} \sqsubseteq \neg \text{QL-t}$

SUMAB

$\text{SUMAB} \sqsubseteq \text{SUM}$
 $\text{SUMAB} \sqsubseteq \exists \text{ sumAB1 } AB$
 $\text{SUMAB} \sqsubseteq \exists \text{ sumAB3 } AB$
 $\text{SUMAB} \sqsubseteq \exists \text{ sumAB2 } AB$

SUMPD

$\text{SUMPD} \sqsubseteq \exists \text{ sumPD1 } PD$
 $\text{SUMPD} \sqsubseteq \exists \text{ sumPD2 } PD$
 $\text{SUMPD} \sqsubseteq \exists \text{ sumPD3 } PD$
 $\text{SUMPD} \sqsubseteq \text{SUM}$

T

$T \equiv T \sqcup \exists \text{ ql } TL$
 $T \sqsubseteq TR$

TL

$TL \sqsubseteq TQ$

TQ

$TQ \sqsubseteq \exists \text{ ql}^- TR$
 $TQ \sqsubseteq \exists \text{ dQt } PD$
 $TQ \sqsubseteq Q$
 $TQ \sqsubseteq \neg PQ$
 $TQ \sqsubseteq \neg AQ$

TR

$TR \sqsubseteq R$

$TR \sqsubseteq \neg PR$
 $TR \sqsubseteq \neg AR$

Object properties

atP

$\sqsubseteq p$
 $\exists \text{ atP Thing} \sqsubseteq AT$

cAtP

$\sqsubseteq cP$
 $\exists \text{ cAtP Thing} \sqsubseteq CAT$
 $\exists \text{ cAtP Thing} \sqsubseteq \exists \text{ pre T}$
 $\top \sqsubseteq \forall \text{ cAtP } (\exists \text{ pre T})$
 $\top \sqsubseteq \forall \text{ cAtP ED}$

cOv

$cOv \equiv cOv^-$
 $\exists \text{ cOv Thing} \sqsubseteq ED$
 $\exists \text{ cOv Thing} \sqsubseteq \exists \text{ pre T}$
 $\top \sqsubseteq \forall \text{ cOv ED}$
 $\top \sqsubseteq \forall \text{ cOv } (\exists \text{ pre T})$

cP

$\sqsubseteq cOv$
 $\text{TransitiveProperty}cP$
 $\exists \text{ cP Thing} \sqsubseteq \exists \text{ pre T}$
 $\exists \text{ cP Thing} \sqsubseteq ED$
 $\top \sqsubseteq \forall \text{ cP } (\exists \text{ pre T})$
 $\top \sqsubseteq \forall \text{ cP ED}$

cPP

$\sqsubseteq cP$
 $\text{TransitiveProperty}cPP$
 $\exists \text{ cPP Thing} \sqsubseteq \exists \text{ pre T}$
 $\exists \text{ cPP Thing} \sqsubseteq ED$
 $\top \sqsubseteq \forall \text{ cPP ED}$
 $\top \sqsubseteq \forall \text{ cPP } (\exists \text{ pre T})$

csum1

$\top \sqsubseteq \leq 1 \text{ csum1 Thing}$

$\exists \text{ csum1 Thing} \sqsubseteq \text{CSUM}$
 $\top \sqsubseteq \forall \text{ csum1 } (\exists \text{ pre T})$
 $\top \sqsubseteq \forall \text{ csum1 ED}$

csum2

$\top \sqsubseteq \leq 1 \text{ csum2 Thing}$
 $\exists \text{ csum2 Thing} \sqsubseteq \text{CSUM}$
 $\top \sqsubseteq \forall \text{ csum2 } (\exists \text{ pre T})$
 $\top \sqsubseteq \forall \text{ csum2 ED}$

csum3

$\top \sqsubseteq \leq 1 \text{ csum3 Thing}$
 $\exists \text{ csum3 Thing} \sqsubseteq \text{CSUM}$
 $\top \sqsubseteq \forall \text{ csum3 } (\exists \text{ pre T})$
 $\top \sqsubseteq \forall \text{ csum3 ED}$

dQt

$\top \sqsubseteq \leq 1 \text{ dQt Thing}$
 $\exists \text{ dQt Thing} \sqsubseteq \text{Q}$
 $\top \sqsubseteq \forall \text{ dQt } (\text{ED} \sqcup \text{PD})$

ov

$\text{ov} \equiv \text{ov}^-$
 $\exists \text{ ov Thing} \sqsubseteq \text{AB} \sqcup \text{PD}$
 $\top \sqsubseteq \forall \text{ ov } (\text{AB} \sqcup \text{PD})$

p

$\sqsubseteq \text{ov}$
 $\text{TransitiveProperty p}$
 $\exists \text{ p Thing} \sqsubseteq \text{AB} \sqcup \text{PD}$
 $\top \sqsubseteq \forall \text{ p } (\text{AB} \sqcup \text{PD})$

pP

$\sqsubseteq \text{p}$
 $\text{TransitiveProperty pP}$

pT

$\sqsubseteq \text{p}$
 $\text{TransitiveProperty pT}$
 $\exists \text{ pT Thing} \sqsubseteq \text{PD}$
 $\top \sqsubseteq \forall \text{ pT PD}$

pre

$\exists \text{ pre Thing} \sqsubseteq \text{ED} \sqcup \text{PD} \sqcup \text{Q}$
 $\top \sqsubseteq \forall \text{ pre T}$

ql

$\top \sqsubseteq \leq 1 \text{ ql}^- \text{ Thing}$
 $\exists \text{ ql Thing} \sqsubseteq \text{TR}$
 $\top \sqsubseteq \forall \text{ ql TQ}$

sD

$\exists \text{ sD Thing} \sqsubseteq \exists \text{ pre T}$
 $\exists \text{ sD Thing} \sqsubseteq \text{ED} \sqcup \text{PD} \sqcup \text{Q}$
 $\top \sqsubseteq \forall \text{ sD} (\text{ED} \sqcup \text{PD} \sqcup \text{Q})$
 $\top \sqsubseteq \forall \text{ sD} (\exists \text{ pre T})$

sumAB1

$\top \sqsubseteq \leq 1 \text{ sumAB1 Thing}$
 $\exists \text{ sumAB1 Thing} \sqsubseteq \text{SUMAB}$
 $\top \sqsubseteq \forall \text{ sumAB1 AB}$

sumAB2

$\top \sqsubseteq \leq 1 \text{ sumAB2 Thing}$
 $\exists \text{ sumAB2 Thing} \sqsubseteq \text{SUMAB}$
 $\top \sqsubseteq \forall \text{ sumAB2 AB}$

sumAB3

$\top \sqsubseteq \leq 1 \text{ sumAB3 Thing}$
 $\exists \text{ sumAB3 Thing} \sqsubseteq \text{SUMAB}$
 $\top \sqsubseteq \forall \text{ sumAB3 AB}$

sumPD1

$\top \sqsubseteq \leq 1 \text{ sumPD1 Thing}$
 $\exists \text{ sumPD1 Thing} \sqsubseteq \text{SUMPD}$
 $\top \sqsubseteq \forall \text{ sumPD1 PD}$

sumPD2

$\top \sqsubseteq \leq 1 \text{ sumPD2 Thing}$
 $\exists \text{ sumPD2 Thing} \sqsubseteq \text{SUMPD}$
 $\top \sqsubseteq \forall \text{ sumPD2 PD}$

sumPD3

$\top \sqsubseteq \leq 1 \text{ sumPD3 Thing}$
 $\exists \text{ sumPD3 Thing} \sqsubseteq \text{SUMPD}$
 $\top \sqsubseteq \forall \text{ sumPD3 PD}$

tAt

$\exists \text{ tAt Thing} \sqsubseteq \text{ED}$
 $\top \sqsubseteq \forall \text{ tAt T}$

tAtP1

$\sqsubseteq \text{tP1}$
 $\top \sqsubseteq \leq 1 \text{ tAtP1 Thing}$
 $\exists \text{ tAtP1 Thing} \sqsubseteq \text{ATP-t}$
 $\top \sqsubseteq \forall \text{ tAtP1 ED}$

tAtP2

$\sqsubseteq \text{tP2}$
 $\top \sqsubseteq \leq 1 \text{ tAtP2 Thing}$
 $\exists \text{ tAtP2 Thing} \sqsubseteq \text{ATP-t}$
 $\top \sqsubseteq \forall \text{ tAtP2 ED}$

tAtPt

$\sqsubseteq \text{tPt}$
 $\top \sqsubseteq \leq 1 \text{ tAtPt Thing}$
 $\exists \text{ tAtPt Thing} \sqsubseteq \text{ATP-t}$
 $\top \sqsubseteq \forall \text{ tAtPt T}$

tKNPED1

$\top \sqsubseteq \leq 1 \text{ tKNPED1 Thing}$
 $\exists \text{ tKNPED1 Thing} \sqsubseteq \text{KNPED-t}$
 $\top \sqsubseteq \forall \text{ tKNPED1 NPED}$

tKNPED2

$\top \sqsubseteq \leq 1 \text{ tKNPED2 Thing}$
 $\exists \text{ tKNPED2 Thing} \sqsubseteq \text{KNPED-t}$
 $\top \sqsubseteq \forall \text{ tKNPED2 NPED}$

tKNPEDt

$\top \sqsubseteq \leq 1 \text{ tKNPEDt Thing}$
 $\exists \text{ tKNPEDt Thing} \sqsubseteq \text{KNPED-t}$
 $\top \sqsubseteq \forall \text{ tKNPEDt T}$

tKPD1

$\top \sqsubseteq \leq 1 \text{ tKPD1 Thing}$
 $\exists \text{ tKPD1 Thing} \sqsubseteq \text{KPD-t}$
 $\top \sqsubseteq \forall \text{ tKPD1 PD}$

tKPD2

$\top \sqsubseteq \leq 1 \text{ tKPD2 Thing}$
 $\exists \text{ tKPD2 Thing} \sqsubseteq \text{KPD-t}$
 $\top \sqsubseteq \forall \text{ tKPD2 PD}$

tKPDt

$\top \sqsubseteq \leq 1 \text{ tKPDt Thing}$
 $\exists \text{ tKPDt Thing} \sqsubseteq \text{KPD-t}$
 $\top \sqsubseteq \forall \text{ tKPDt T}$

tKPED1

$\top \sqsubseteq \leq 1 \text{ tKPED1 Thing}$
 $\exists \text{ tKPED1 Thing} \sqsubseteq \text{KPED-t}$
 $\top \sqsubseteq \forall \text{ tKPED1 PED}$

tKPED2

$\top \sqsubseteq \leq 1 \text{ tKPED2 Thing}$
 $\exists \text{ tKPED2 Thing} \sqsubseteq \text{KPED-t}$
 $\top \sqsubseteq \forall \text{ tKPED2 PED}$

tKPEDt

$\top \sqsubseteq \leq 1 \text{ tKPEDt Thing}$
 $\exists \text{ tKPEDt Thing} \sqsubseteq \text{KPED-t}$
 $\top \sqsubseteq \forall \text{ tKPEDt T}$

tOv1

$\top \sqsubseteq \leq 1 \text{ tOv1 Thing}$
 $\exists \text{ tOv1 Thing} \sqsubseteq \text{OV-t}$
 $\top \sqsubseteq \forall \text{ tOv1 ED}$

tOv2

$\top \sqsubseteq \leq 1 \text{ tOv2 Thing}$
 $\exists \text{ tOv2 Thing} \sqsubseteq \text{OV-t}$
 $\top \sqsubseteq \forall \text{ tOv2 ED}$

tOvt

$\top \sqsubseteq \leq 1 \text{ tOvt Thing}$
 $\exists \text{ tOvt Thing} \sqsubseteq \text{OV-t}$
 $\top \sqsubseteq \forall \text{ tOvt T}$

tP1

$\sqsubseteq \text{tOv1}$
 $\top \sqsubseteq \leq 1 \text{ tP1 Thing}$
 $\exists \text{ tP1 Thing} \sqsubseteq \text{P-t}$
 $\top \sqsubseteq \forall \text{ tP1 ED}$

tP2

$\sqsubseteq \text{tOv2}$
 $\top \sqsubseteq \leq 1 \text{ tP2 Thing}$
 $\exists \text{ tP2 Thing} \sqsubseteq \text{P-t}$
 $\top \sqsubseteq \forall \text{ tP2 ED}$

tPC1

$\top \sqsubseteq \leq 1 \text{ tPC1 Thing}$
 $\exists \text{ tPC1 Thing} \sqsubseteq \text{PC-t}$
 $\top \sqsubseteq \forall \text{ tPC1 ED}$

tPC2

$\top \sqsubseteq \leq 1 \text{ tPC2 Thing}$
 $\exists \text{ tPC2 Thing} \sqsubseteq \text{PC-t}$
 $\top \sqsubseteq \forall \text{ tPC2 PD}$

tPCt

$\top \sqsubseteq \leq 1 \text{ tPCt Thing}$
 $\exists \text{ tPCt Thing} \sqsubseteq \text{PC-t}$
 $\top \sqsubseteq \forall \text{ tPCt T}$

tPP1

$\sqsubseteq \text{tP1}$
 $\top \sqsubseteq \leq 1 \text{ tPP1 Thing}$
 $\exists \text{ tPP1 Thing} \sqsubseteq \text{PP-t}$
 $\top \sqsubseteq \forall \text{ tPP1 ED}$

tPP2

$\sqsubseteq \text{tP2}$

$\top \sqsubseteq \leq 1 \text{ tPP2 Thing}$
 $\exists \text{ tPP2 Thing} \sqsubseteq \text{PP-t}$
 $\top \sqsubseteq \forall \text{ tPP2 ED}$

tPPt

$\sqsubseteq \text{tPt}$
 $\top \sqsubseteq \leq 1 \text{ tPPt Thing}$
 $\exists \text{ tPPt Thing} \sqsubseteq \text{PP-t}$
 $\top \sqsubseteq \forall \text{ tPPt T}$

tPt

$\sqsubseteq \text{tOvt}$
 $\top \sqsubseteq \leq 1 \text{ tPt Thing}$
 $\exists \text{ tPt Thing} \sqsubseteq \text{P-t}$
 $\top \sqsubseteq \forall \text{ tPt T}$

tQl-AR-AQ1

$\top \sqsubseteq \leq 1 \text{ tQl-AR-AQ1 Thing}$
 $\exists \text{ tQl-AR-AQ1 Thing} \sqsubseteq \text{QL-AR-AQ-t}$
 $\top \sqsubseteq \forall \text{ tQl-AR-AQ1 AR}$

tQl-AR-AQ2

$\top \sqsubseteq \leq 1 \text{ tQl-AR-AQ2 Thing}$
 $\exists \text{ tQl-AR-AQ2 Thing} \sqsubseteq \text{QL-AR-AQ-t}$
 $\top \sqsubseteq \forall \text{ tQl-AR-AQ2 AQ}$

tQl-AR-AQt

$\top \sqsubseteq \leq 1 \text{ tQl-AR-AQt Thing}$
 $\exists \text{ tQl-AR-AQt Thing} \sqsubseteq \text{QL-AR-AQ-t}$
 $\top \sqsubseteq \forall \text{ tQl-AR-AQt T}$

tQl-PR-PQ1

$\top \sqsubseteq \leq 1 \text{ tQl-PR-PQ1 Thing}$
 $\exists \text{ tQl-PR-PQ1 Thing} \sqsubseteq \text{QL-PR-PQ-t}$
 $\top \sqsubseteq \forall \text{ tQl-PR-PQ1 PR}$

tQl-PR-PQ2

$\top \sqsubseteq \leq 1 \text{ tQl-PR-PQ2 Thing}$
 $\exists \text{ tQl-PR-PQ2 Thing} \sqsubseteq \text{QL-PR-PQ-t}$
 $\top \sqsubseteq \forall \text{ tQl-PR-PQ2 PQ}$

tQl-PR-PQt

$\top \sqsubseteq \leq 1 \text{ tQl-PR-PQt Thing}$
 $\exists \text{ tQl-PR-PQt Thing} \sqsubseteq \text{QL-PR-PQ-t}$
 $\top \sqsubseteq \forall \text{ tQl-PR-PQt T}$

tSum1

$\top \sqsubseteq \leq 1 \text{ tSum1 Thing}$
 $\exists \text{ tSum1 Thing} \sqsubseteq \text{SUM-t}$
 $\top \sqsubseteq \forall \text{ tSum1 ED}$

tSum2

$\top \sqsubseteq \leq 1 \text{ tSum2 Thing}$
 $\exists \text{ tSum2 Thing} \sqsubseteq \text{SUM-t}$
 $\top \sqsubseteq \forall \text{ tSum2 ED}$

tSum3

$\top \sqsubseteq \leq 1 \text{ tSum3 Thing}$
 $\exists \text{ tSum3 Thing} \sqsubseteq \text{SUM-t}$
 $\top \sqsubseteq \forall \text{ tSum3 ED}$

tSumt

$\top \sqsubseteq \leq 1 \text{ tSumt Thing}$
 $\exists \text{ tSumt Thing} \sqsubseteq \text{SUM-t}$
 $\top \sqsubseteq \forall \text{ tSumt T}$

Data properties

Individuals

Datatypes

PlainLiteral

string