

Types, Their Features and Their Value Types

This appendix illustrates some types defined in our grammars as discussed in section 6.1.1.2. Their features and their value types are also provided.

Type	Features/Type of value	Immediate Supertype
sign	$\begin{bmatrix} \text{SYNSEM} & \text{synsem} \\ \text{QSTORE} & \text{set_quant} \end{bmatrix}$	entity
phrase	...	sign
word	...	sign
synsem	$\begin{bmatrix} \text{LOC} & \text{loc} \\ \text{NONLOCAT} & \end{bmatrix}$	mod_synsem
pre_mod_synsem		synsem
post_mod_synsem		synsem
loc	$\begin{bmatrix} \text{CAT} & \text{cat} \\ \text{CONT} & \text{cont} \end{bmatrix}$	entity
conx	$[\text{BACKGR} \quad \text{set_psoa}]$	entity
cat	$\begin{bmatrix} \text{HEAD} & \text{head} \\ \text{SPR} & \text{list_synsem} \\ \text{SUBJ} & \dots \end{bmatrix}$	entity
cont		entity
nom_obj	$\begin{bmatrix} \text{MODE} & \text{mode} \\ \text{INDEX} & \text{ind} \end{bmatrix}$	cont

Type	Features/Type of value	Immediate Supertype
quant	$\begin{bmatrix} \text{DET} & \text{sem_det} \\ \text{DESTIND} & \text{nom_els} \end{bmatrix}$	cont
forall		sem_det
exists		sem_det
the		sem_det
ind	$\begin{bmatrix} \text{IGENN} & \text{gend} \\ \text{INUM} & \end{bmatrix}$	entity
it		ind
there		ind
ref		ind
psoa	$\begin{bmatrix} \text{QUANTS} & \text{list_quantsem_det} \\ \text{NOUNPLUR} & \end{bmatrix}$	cont
qfpsoa	$\begin{bmatrix} \text{SURFACE} & \text{surface} \\ \text{WORDCLASS} & \end{bmatrix}$	entity

property	[INSTANCE ref]	qfpsoa
un_relation		qfpsoa
bin_relation		qfpsoa
tri_relation		qfpsoa
control_qfpsoa		qfpsoa
lang		entity
eng		lang
thai		lang
head	$\begin{bmatrix} \text{LANG} & \text{lang} \\ \text{case} & \end{bmatrix}$	entity
subst	$\begin{bmatrix} \text{PRD} & \text{boolean} \\ \text{MOD} & \end{bmatrix}$	head
noun	$\begin{bmatrix} \text{CASE} & \text{case} \\ \text{nom} & \end{bmatrix}$	subst
verb	$\begin{bmatrix} \text{VFORM} & \text{vform} \\ \text{INV} & \text{boolean} \\ \text{AUX} & \end{bmatrix}$	subst
adj		subst
prep		subst
reltvz		subst
clas		subst
case		entity
nom		case
acc		case
ako1		entity

Type	Features/Type of value	Immediate Supertype
agr		entity

masc		gend
fem		gend
neut		gend
sg		num
pl		num
first		per
second		per
third		per
bse		vform
fin		vform
pas		nform
func	[spec synsem]	head
mark		func
det	[count boolean]	func