

COMMAND ::= **find** SET_SPEC
 | **count** SET
 | **save** SET **as** NAME
 | **load** NAME
 | **assign** SET (u | n) SET **to** VARIABLE
 | **clear** VARIABLE

SET ::= SET_SPEC | VAR

VAR ::= \$A | \$B | \$C | ...

SET_SPEC ::= (A_QUANTIFIER | E_QUANTIFIER) ELEMENT_SPEC

A_QUANTIFIER ::= **forall** | **each** | **every** | **all**

E_QUANTIFIER ::= [**there** (**is** | **are**)] [ARTICLE]

ARTICLE ::= **a** | **an** | **the** | **those** | **some** | **no**

ELEMENT_SPEC ::= [**abstract** | **concrete**] TYPE [VAR] [NPROP] [MPROP]
 (**where** | **such that**) PROPS

TYPE ::= **activity** | **activities** | **class** | **classes** | **useCase** | ...
 | **element**
 | **element** VAR
 | **element** VAR **with id** STRING

ATTR ::= **name**
 | **isAbstract**
 | **ownedMember**
 | ...

PROPS ::= PROP
 | **not** PROP
 | PROP LOG_OP PROPS

PROP ::= ATTR CMP_OP VAL
 | VAR REL_OP VAR [**directly** | **transitively**]
 | SET_SPEC

VAL ::= **defined** | **bool** | **int** | **float** | **string** | ...

MPROP ::= **in** MODELNAMES

MODELNAMES ::= MODELNAME
 | MODELNAME & MODELNAMES

NPROP ::= **named** STRING
 | **named like** PATTERN

LOG_OP ::= **and** | **or**

CMP_OP ::= **is** | **are** | **=** | **has** | **have** | **is like** | **<** | **>** | **is not** | ...

REL_OP ::= REL_OP_AKT ARTICLE | (**is** | **are**) (ASSOC_REL | REL_OP_PAS **by**)

REL_OP_AKT ::= **generalizes** | **specializes** | **includes** | **extends**
 | **follows** | **precedes** | **succeeds** | **owns** | ...

ASSOC_REL ::= **associated to** | **part of**

REL_OP_PAS ::= **generalized** | **specialized** | **included** | **extended**
 | **followed** | **preceeded** | **succeedes** | ...