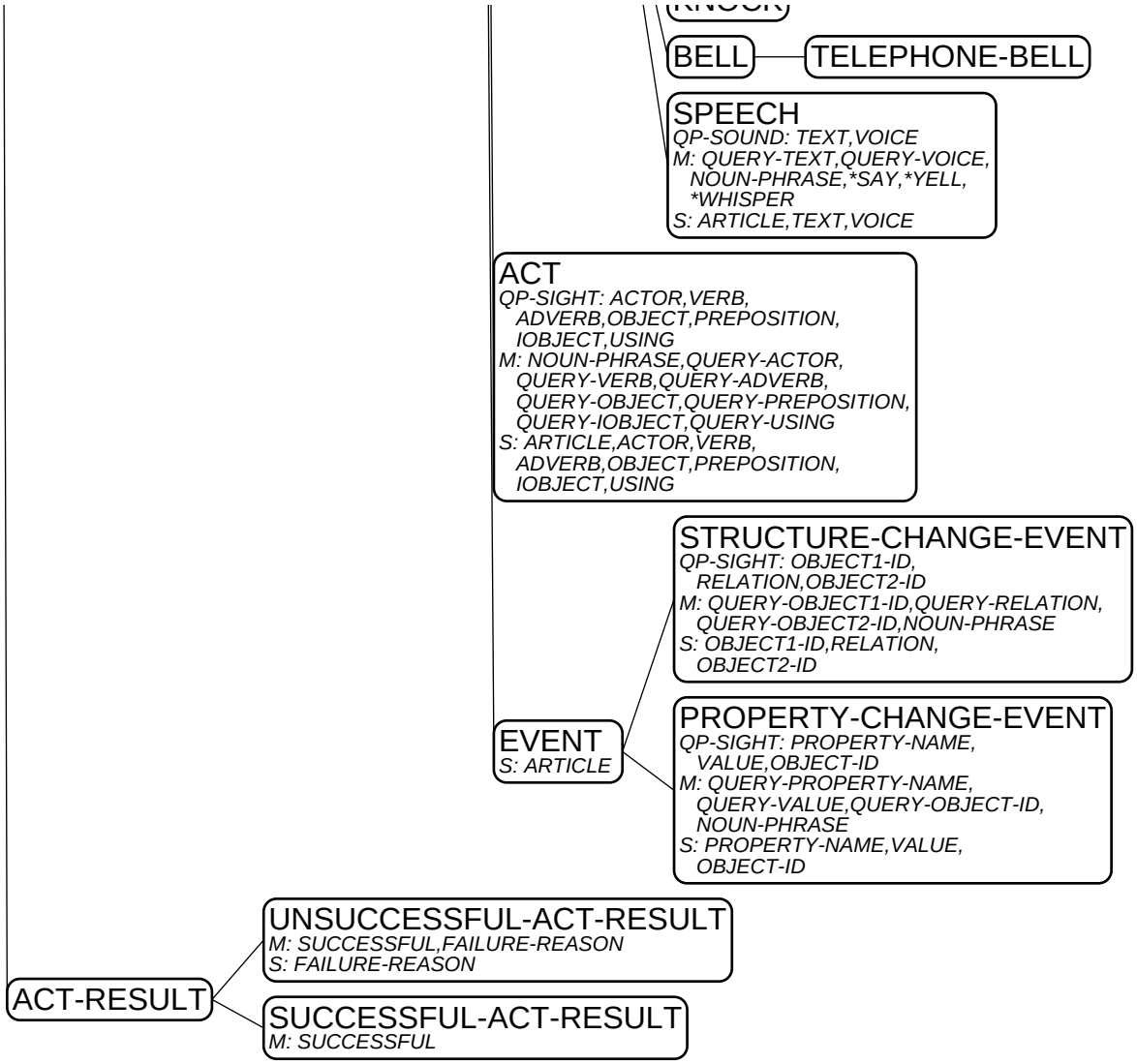
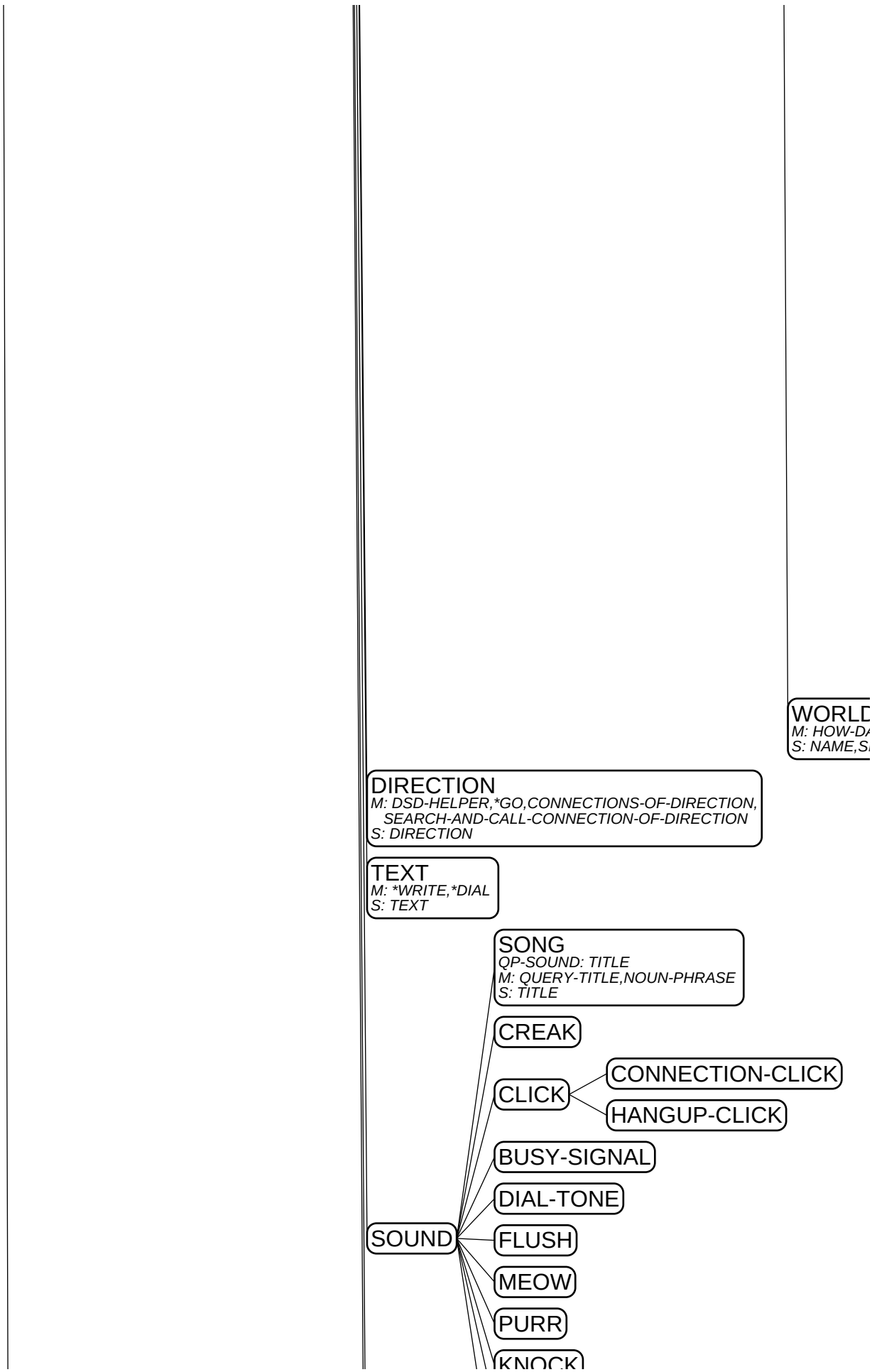
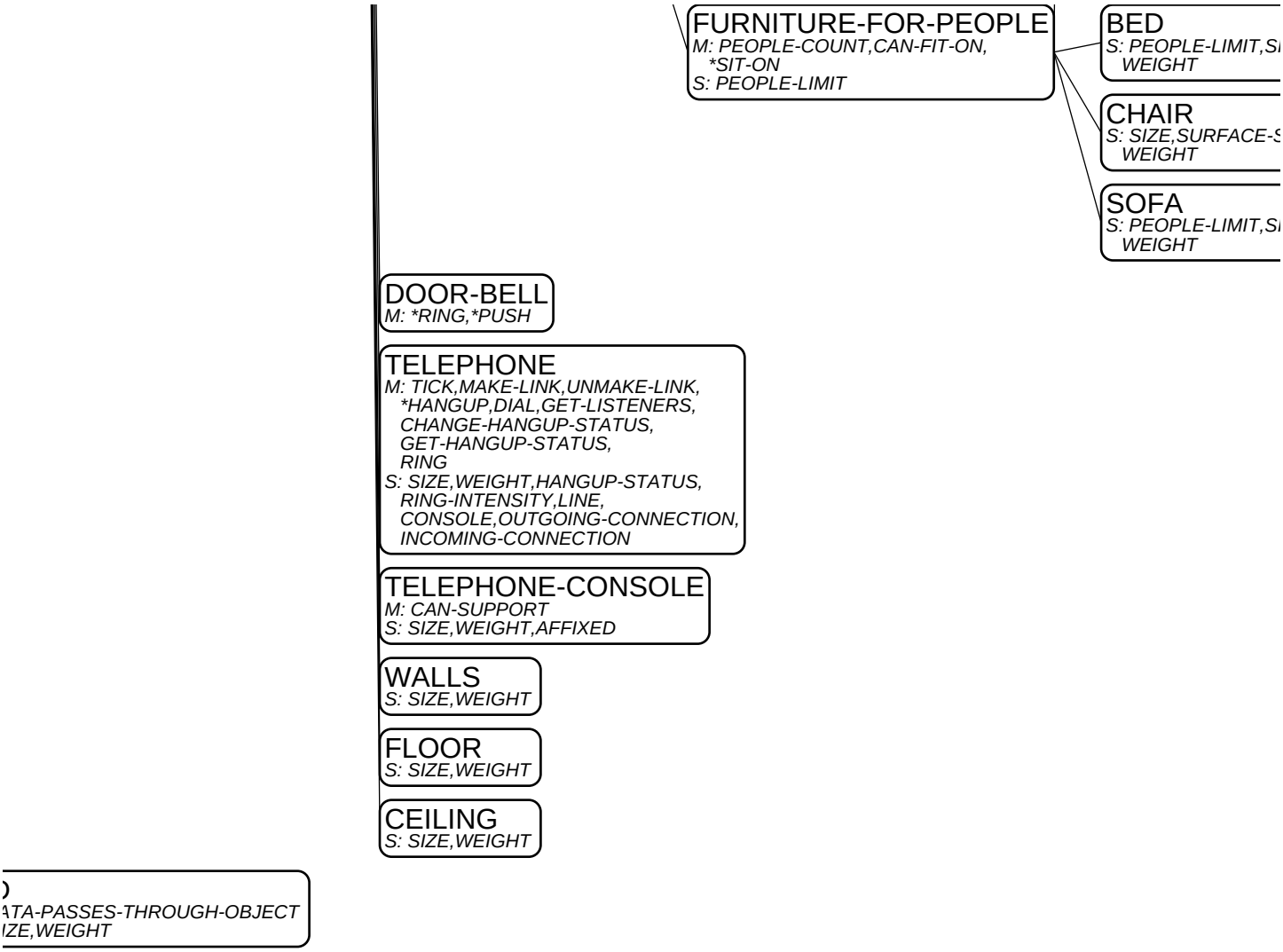
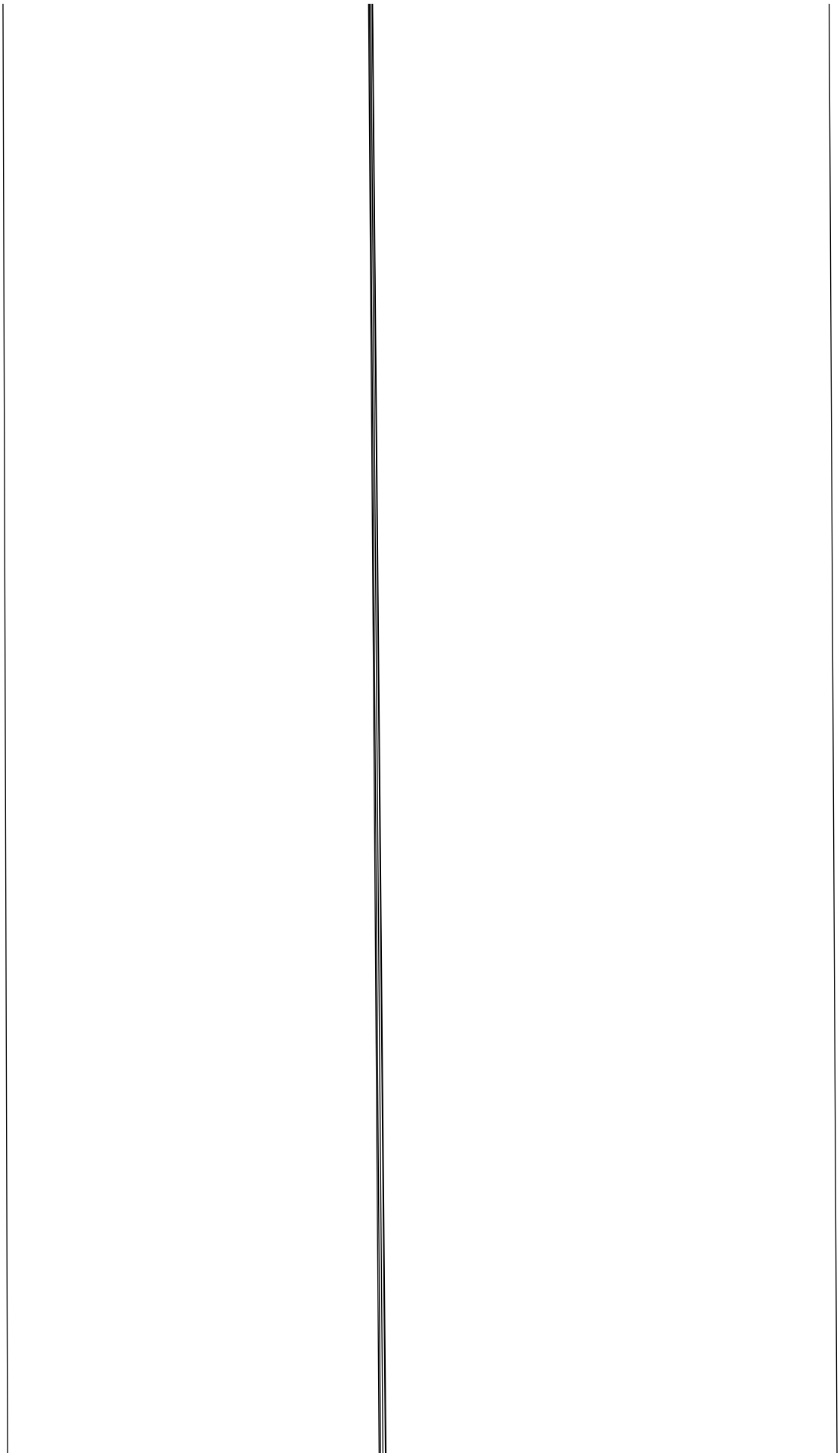
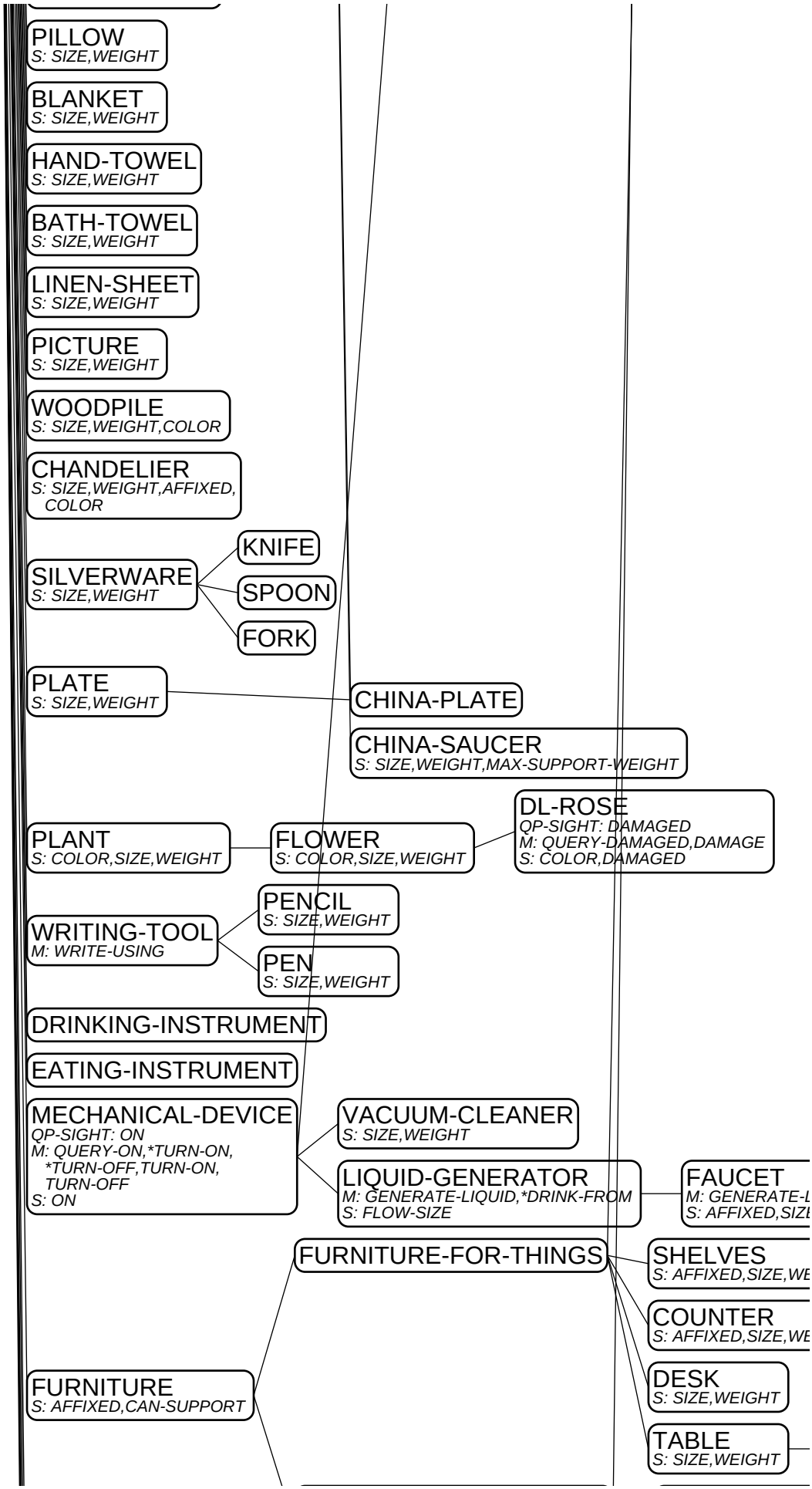

KNOCK
BELL
TELEPHONE-BELL
SPEECH
QP-SOUND: TEXT,VOICE
M: QUERY-TEXT,QUERY-VOICE,
NOUN-PHRASE,*SAY,*YELL,
*WHISPER
S: ARTICLE,TEXT,VOICE
ACT
QP-SIGHT: ACTOR,VERB,
ADVERB,OBJECT,PREPOSITION,
IOBJECT,USING
M: NOUN-PHRASE,QUERY-ACTOR,
QUERY-VERB,QUERY-ADVERB,
QUERY-OBJECT,QUERY-PREPOSITION,
QUERY-IOBJECT,QUERY-USING
S: ARTICLE,ACTOR,VERB,
ADVERB,OBJECT,PREPOSITION,
IOBJECT,USING
STRUCTURE-CHANGE-EVENT
QP-SIGHT: OBJECT1-ID,
RELATION,OBJECT2-ID
M: QUERY-OBJECT1-ID,QUERY-RELATION,
QUERY-OBJECT2-ID,NOUN-PHRASE
S: OBJECT1-ID,RELATION,
OBJECT2-ID
EVENT
S: ARTICLE
PROPERTY-CHANGE-EVENT
QP-SIGHT: PROPERTY-NAME,
VALUE,OBJECT-ID
M: QUERY-PROPERTY-NAME,
QUERY-VALUE,QUERY-OBJECT-ID,
NOUN-PHRASE
S: PROPERTY-NAME,VALUE,
OBJECT-ID
UNSUCCESSFUL-ACT-RESULT
M: SUCCESSFUL,FAILURE-REASON
S: FAILURE-REASON
ACT-RESULT
SUCCESSFUL-ACT-RESULT
M: SUCCESSFUL

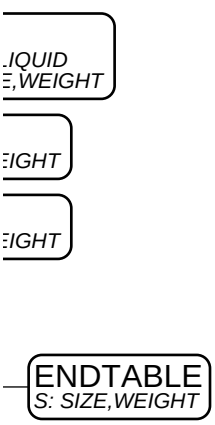

WORLD
M: HOW-DA
S: NAME,S
DIRECTION
M: DSD-HELPER,*GO,CONNECTIONS-OF-DIRECTION,
SEARCH-AND-CALL-CONNECTION-OF-DIRECTION
S: DIRECTION
TEXT
M: *WRITE,*DIAL
S: TEXT
SONG
QP-SOUND: TITLE
M: QUERY-TITLE,NOUN-PHRASE
S: TITLE
CREAK
CLICK
CONNECTION-CLICK
HANGUP-CLICK
BUSY-SIGNAL
DIAL-TONE
SOUND
FLUSH
MEOW
PURR
KNOCK

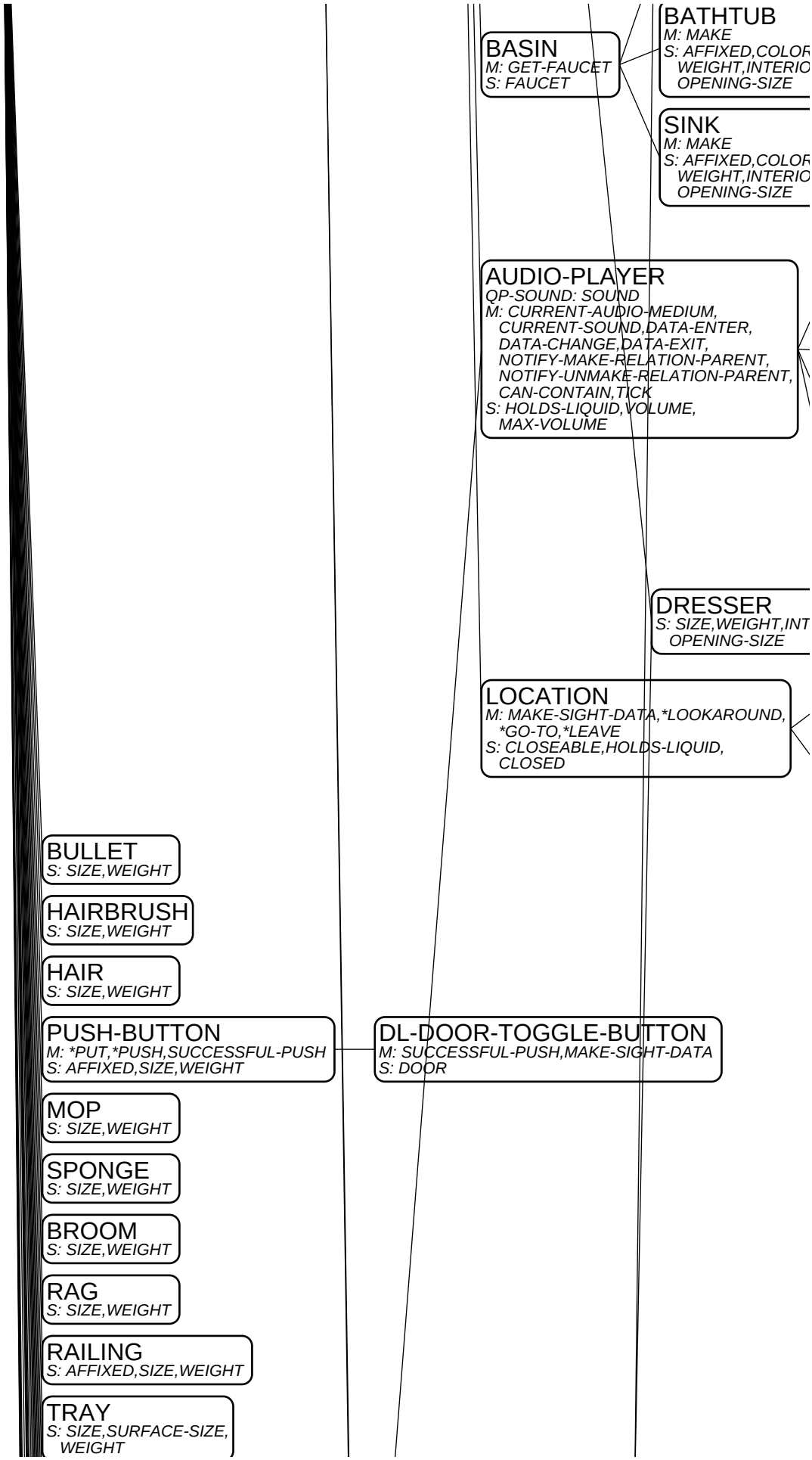

FURNITURE-FOR-PEOPLE
M: PEOPLE-COUNT,CAN-FIT-ON,
*SIT-ON
S: PEOPLE-LIMIT
BED
S: PEOPLE-LIMIT,SI
WEIGHT
CHAIR
S: SIZE,SURFACE-S
WEIGHT
SOFA
S: PEOPLE-LIMIT,SI
WEIGHT
DOOR-BELL
M: *RING,*PUSH
TELEPHONE
M: TICK,MAKE-LINK,UNMAKE-LINK,
*HANGUP,DIAL,GET-LISTENERS,
CHANGE-HANGUP-STATUS,
GET-HANGUP-STATUS,
RING
S: SIZE,WEIGHT,HANGUP-STATUS,
RING-INTENSITY,LINE,
CONSOLE,OUTGOING-CONNECTION,
INCOMING-CONNECTION
TELEPHONE-CONSOLE
M: CAN-SUPPORT
S: SIZE,WEIGHT,AFFIXED
WALLS
S: SIZE,WEIGHT
FLOOR
S: SIZE,WEIGHT
CEILING
S: SIZE,WEIGHT
)
ATA-PASSES-THROUGH-OBJECT
IZE,WEIGHT

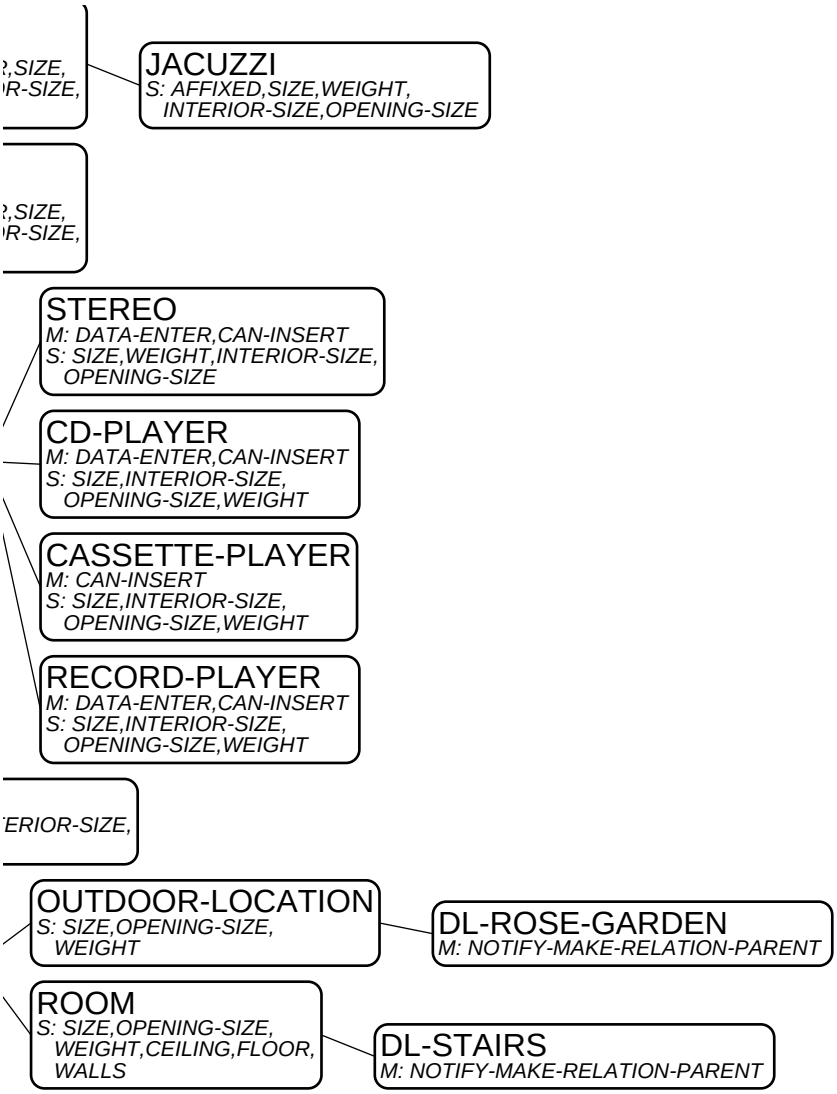
ZE,
SIZE,
LOUNGE
S: AFFIXED,SIZE,SURFACE-SIZE,
WEIGHT
ZE,

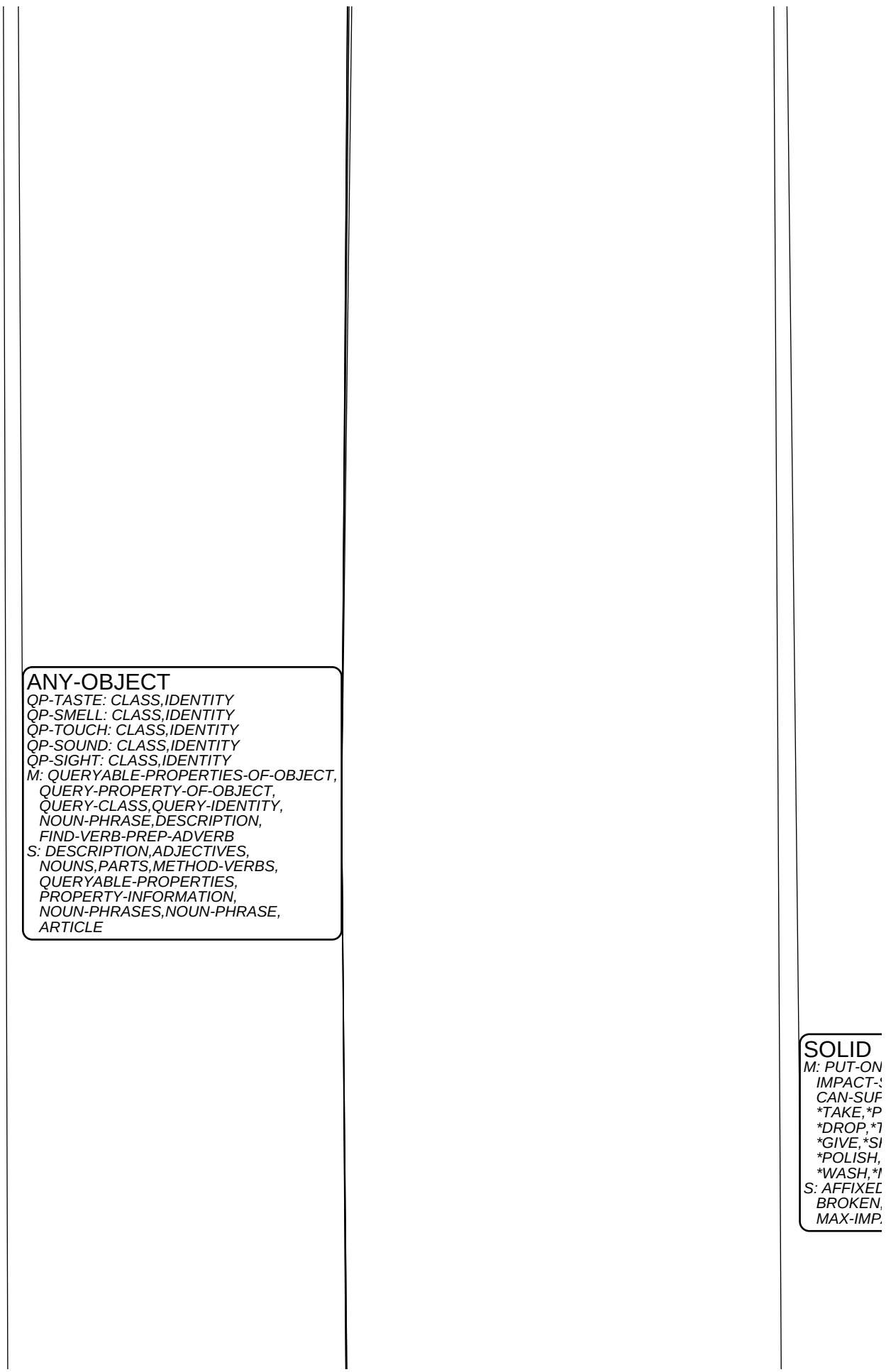


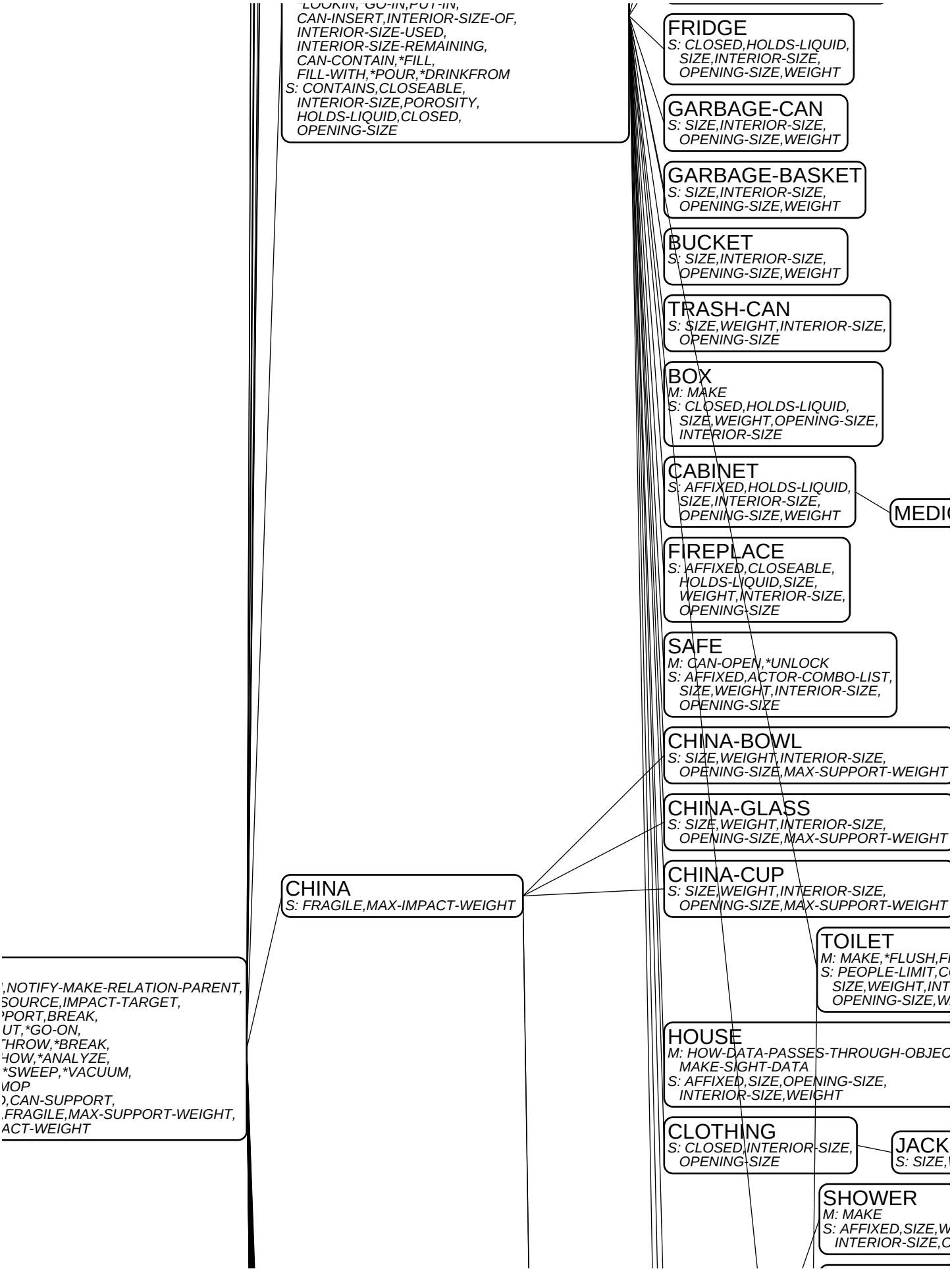

PILLOW
S: SIZE,WEIGHT
BLANKET
S: SIZE,WEIGHT
HAND-TOWEL
S: SIZE,WEIGHT
BATH-TOWEL
S: SIZE,WEIGHT
LINEN-SHEET
S: SIZE,WEIGHT
PICTURE
S: SIZE,WEIGHT
WOODPILE
S: SIZE,WEIGHT,COLOR
CHANDELIER
S: SIZE,WEIGHT,AFFIXED,
COLOR
SILVERWARE
S: SIZE,WEIGHT
KNIFE
SPOON
FORK
PLATE
S: SIZE,WEIGHT
CHINA-PLATE
CHINA-SAUCER
S: SIZE,WEIGHT,MAX-SUPPORT-WEIGHT
PLANT
S: COLOR,SIZE,WEIGHT
FLOWER
S: COLOR,SIZE,WEIGHT
DL-ROSE
QP-SIGHT: DAMAGED
M: QUERY-DAMAGED,DAMAGE
S: COLOR,DAMAGED
WRITING-TOOL
M: WRITE-USING
PENCIL
S: SIZE,WEIGHT
PEN
S: SIZE,WEIGHT
DRINKING-INSTRUMENT
EATING-INSTRUMENT
MECHANICAL-DEVICE
QP-SIGHT: ON
M: QUERY-ON,*TURN-ON,
*TURN-OFF,TURN-ON,
TURN-OFF
S: ON
VACUUM-CLEANER
S: SIZE,WEIGHT
LIQUID-GENERATOR
M: GENERATE-LIQUID,*DRINK-FROM
S: FLOW-SIZE
FAUCET
FURNITURE-FOR-THINGS
SHELVES
COUNTER
DESK
S: SIZE,WEIGHT
TABLE
S: SIZE,WEIGHT
FURNITURE
S: AFFIXED,CAN-SUPPORT


.IQUID
E,WEIGHT
EIGHT
EIGHT
ENDTABLE
S: SIZE,WEIGHT

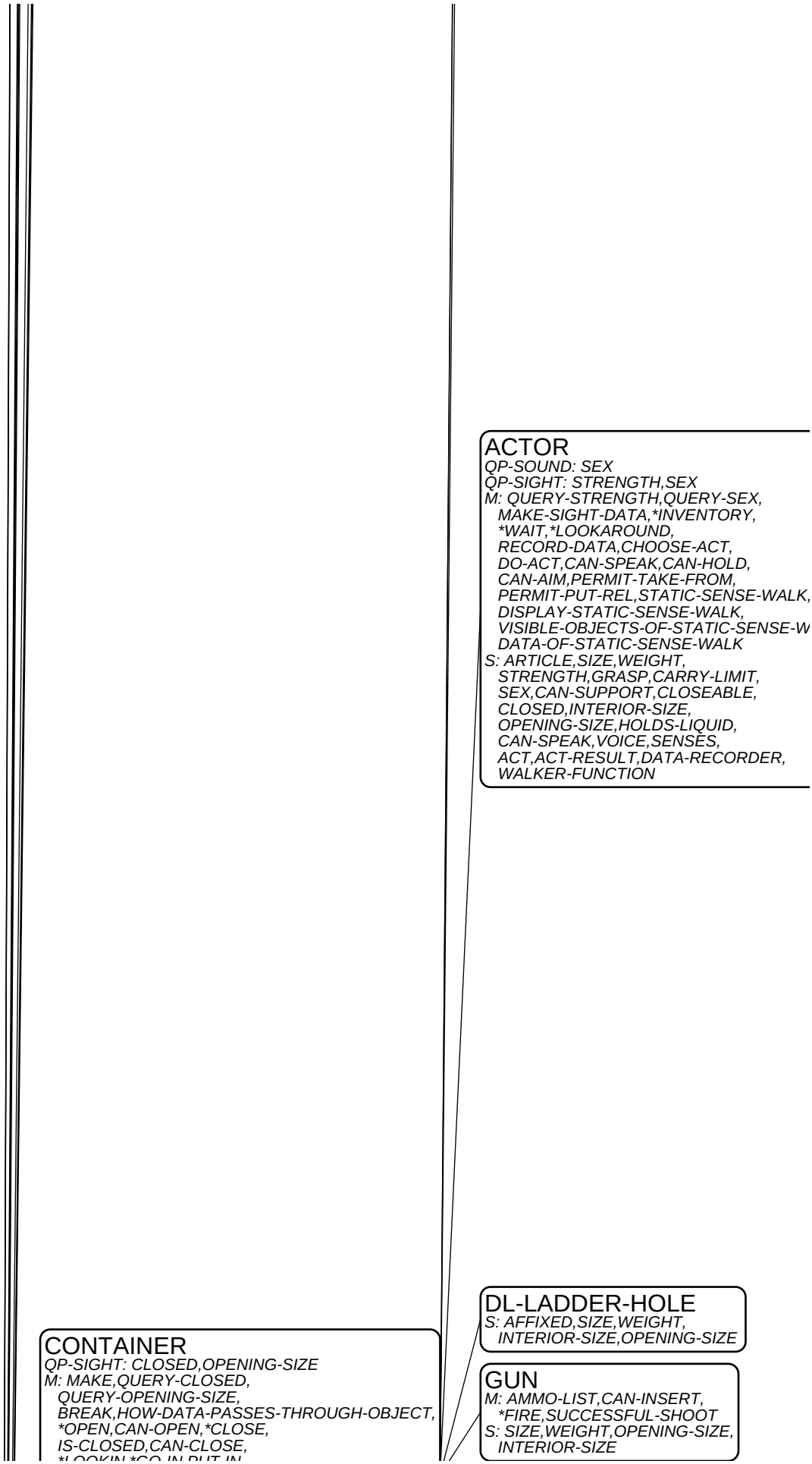

BASIN
M: GET-FAUCET
S: FAUCET
BATHTUB
M: MAKE
S: AFFIXED,COLOR
WEIGHT,INTERIO
OPENING-SIZE
SINK
M: MAKE
S: AFFIXED,COLOR
WEIGHT,INTERIO
OPENING-SIZE
AUDIO-PLAYER
QP-SOUND: SOUND
M: CURRENT-AUDIO-MEDIUM,
CURRENT-SOUND,DATA-ENTER,
DATA-CHANGE,DATA-EXIT,
NOTIFY-MAKE-RELATION-PARENT,
NOTIFY-UNMAKE-RELATION-PARENT,
CAN-CONTAIN,TICK
S: HOLDS-LIQUID,VOLUME,
MAX-VOLUME
DRESSER
S: SIZE,WEIGHT,INT
OPENING-SIZE
LOCATION
M: MAKE-SIGHT-DATA,*LOOKAROUND,
*GO-TO,*LEAVE
S: CLOSEABLE,HOLDS-LIQUID,
CLOSED
BULLET
S: SIZE,WEIGHT
HAIRBRUSH
S: SIZE,WEIGHT
HAIR
S: SIZE,WEIGHT
PUSH-BUTTON
M: *PUT,*PUSH,SUCCESSFUL-PUSH
S: AFFIXED,SIZE,WEIGHT
DL-DOOR-TOGGLE-BUTTON
M: SUCCESSFUL-PUSH,MAKE-SIGHT-DATA
S: DOOR
MOP
S: SIZE,WEIGHT
SPONGE
S: SIZE,WEIGHT
BROOM
S: SIZE,WEIGHT
RAG
S: SIZE,WEIGHT
RAILING
S: AFFIXED,SIZE,WEIGHT
TRAY
S: SIZE,SURFACE-SIZE,
WEIGHT

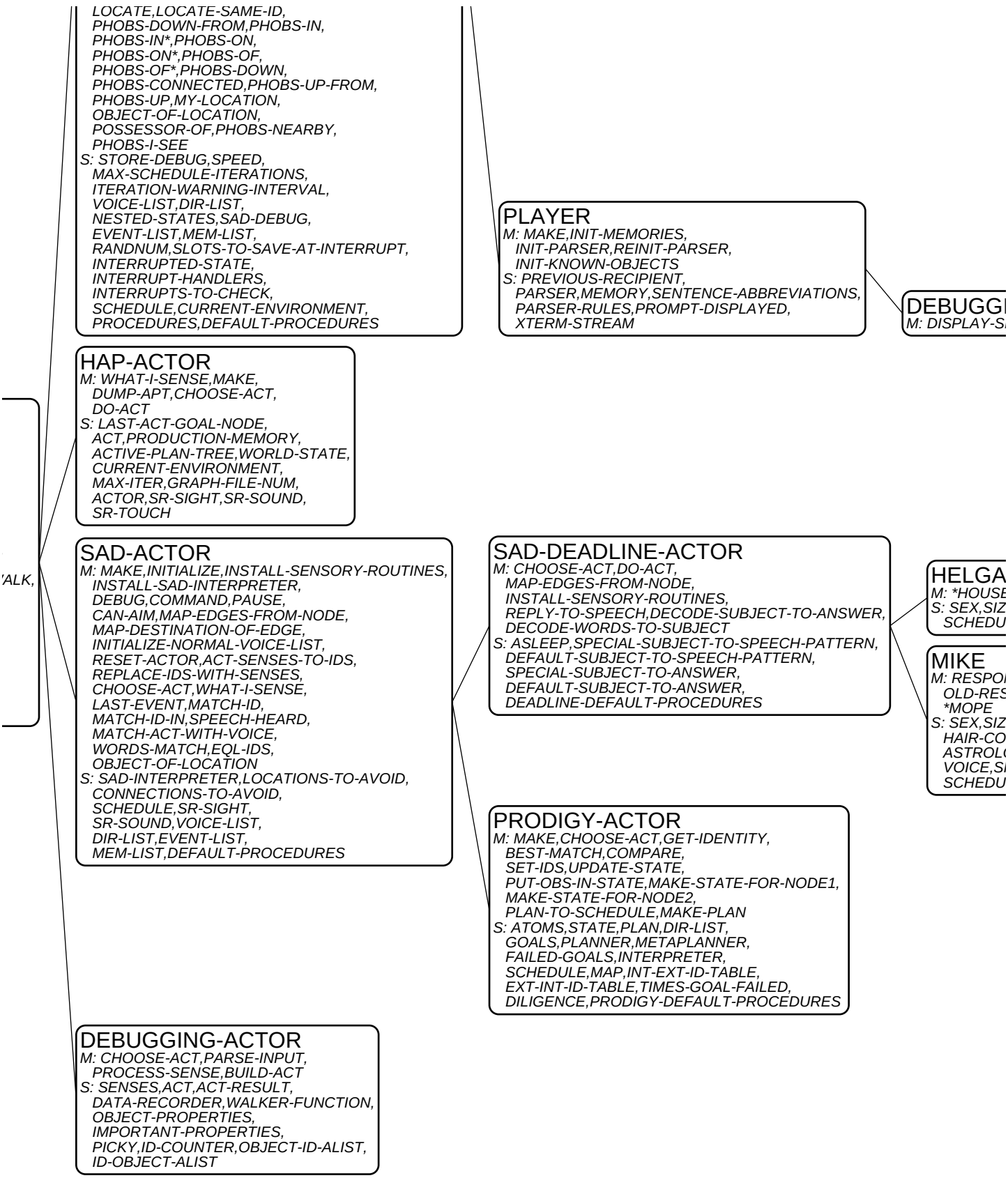

,SIZE,
R-SIZE,
JACUZZI
S: AFFIXED,SIZE,WEIGHT,
INTERIOR-SIZE,OPENING-SIZE
,SIZE,
R-SIZE,
STEREO
M: DATA-ENTER,CAN-INSERT
S: SIZE,WEIGHT,INTERIOR-SIZE,
OPENING-SIZE
CD-PLAYER
M: DATA-ENTER,CAN-INSERT
S: SIZE,INTERIOR-SIZE,
OPENING-SIZE,WEIGHT
CASSETTE-PLAYER
M: CAN-INSERT
S: SIZE,INTERIOR-SIZE,
OPENING-SIZE,WEIGHT
RECORD-PLAYER
M: DATA-ENTER,CAN-INSERT
S: SIZE,INTERIOR-SIZE,
OPENING-SIZE,WEIGHT
ERIOR-SIZE,
OUTDOOR-LOCATION
S: SIZE,OPENING-SIZE,
WEIGHT
DL-ROSE-GARDEN
M: NOTIFY-MAKE-RELATION-PARENT
ROOM
S: SIZE,OPENING-SIZE,
WEIGHT,CEILING,FLOOR,
WALLS
DL-STAIRS
M: NOTIFY-MAKE-RELATION-PARENT


ANY-OBJECT
QP-TASTE: CLASS,IDENTITY
QP-SMELL: CLASS,IDENTITY
QP-TOUCH: CLASS,IDENTITY
QP-SOUND: CLASS,IDENTITY
QP-SIGHT: CLASS,IDENTITY
M: QUERYABLE-PROPERTIES-OF-OBJECT,
QUERY-PROPERTY-OF-OBJECT,
QUERY-CLASS,QUERY-IDENTITY,
NOUN-PHRASE,DESCRIPTION,
FIND-VERB-PREP-ADVERB
S: DESCRIPTION,ADJECTIVES,
NOUNS,PARTS,METHOD-VERBS,
QUERYABLE-PROPERTIES,
PROPERTY-INFORMATION,
NOUN-PHRASES,NOUN-PHRASE,
ARTICLE
SOLID
M: PUT-ON
IMPACT-
CAN-SUF
*TAKE,*P
*DROP,*T
*GIVE,*SI
*POLISH,
*WASH,*I
S: AFFIXED
BROKEN,
MAX-IMP

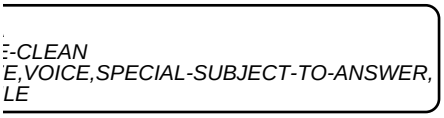

*LOOKIN,*GO-IN,*PUT-IN,
CAN-INSERT,INTERIOR-SIZE-OF,
INTERIOR-SIZE-USED,
INTERIOR-SIZE-REMAINING,
CAN-CONTAIN,*FILL,
FILL-WITH,*POUR,*DRINKFROM
S: CONTAINS,CLOSEABLE,
INTERIOR-SIZE,POROSITY,
HOLDS-LIQUID,CLOSED,
OPENING-SIZE
FRIDGE
S: CLOSED,HOLDS-LIQUID,
SIZE,INTERIOR-SIZE,
OPENING-SIZE,WEIGHT
GARBAGE-CAN
S: SIZE,INTERIOR-SIZE,
OPENING-SIZE,WEIGHT
GARBAGE-BASKET
S: SIZE,INTERIOR-SIZE,
OPENING-SIZE,WEIGHT
BUCKET
S: SIZE,INTERIOR-SIZE,
OPENING-SIZE,WEIGHT
TRASH-CAN
S: SIZE,WEIGHT,INTERIOR-SIZE,
OPENING-SIZE
BOX
M: MAKE
S: CLOSED,HOLDS-LIQUID,
SIZE,WEIGHT,OPENING-SIZE,
INTERIOR-SIZE
CABINET
S: AFFIXED,HOLDS-LIQUID,
SIZE,INTERIOR-SIZE,
OPENING-SIZE,WEIGHT
MEDI
FIREPLACE
S: AFFIXED,CLOSEABLE,
HOLDS-LIQUID,SIZE,
WEIGHT,INTERIOR-SIZE,
OPENING-SIZE
SAFE
M: CAN-OPEN,*UNLOCK
S: AFFIXED,ACTOR-COMBO-LIST,
SIZE,WEIGHT,INTERIOR-SIZE,
OPENING-SIZE
CHINA-BOWL
S: SIZE,WEIGHT,INTERIOR-SIZE,
OPENING-SIZE,MAX-SUPPORT-WEIGHT
CHINA-GLASS
S: SIZE,WEIGHT,INTERIOR-SIZE,
OPENING-SIZE,MAX-SUPPORT-WEIGHT
CHINA-CUP
S: SIZE,WEIGHT,INTERIOR-SIZE,
OPENING-SIZE,MAX-SUPPORT-WEIGHT
CHINA
S: FRAGILE,MAX-IMPACT-WEIGHT
TOILET
M: MAKE,*FLUSH,F
S: PEOPLE-LIMIT,C
SIZE,WEIGHT,INT
OPENING-SIZE,W
HOUSE
M: HOW-DATA-PASSES-THROUGH-OBJEC
MAKE-SIGHT-DATA
S: AFFIXED,SIZE,OPENING-SIZE,
INTERIOR-SIZE,WEIGHT
CLOTHING
S: CLOSED,INTERIOR-SIZE,
OPENING-SIZE
JACK
S: SIZE,
SHOWER
M: MAKE
S: AFFIXED,SIZE,W
INTERIOR-SIZE,C
,NOTIFY-MAKE-RELATION-PARENT,
SOURCE,IMPACT-TARGET,
PORT,BREAK,
UT,*GO-ON,
THROW,*BREAK,
HOW,*ANALYZE,
*SWEEP,*VACUUM,
MOP
),CAN-SUPPORT,
,FRAGILE,MAX-SUPPORT-WEIGHT,
ACT-WEIGHT

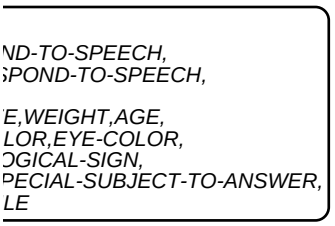
CINE-CABINET
'LL-TOILET
OLOR,
ERIOR-SIZE,
ATER-LEVEL
T,
ET
WEIGHT,CLOSED
EIGHT,
PENING-SIZE

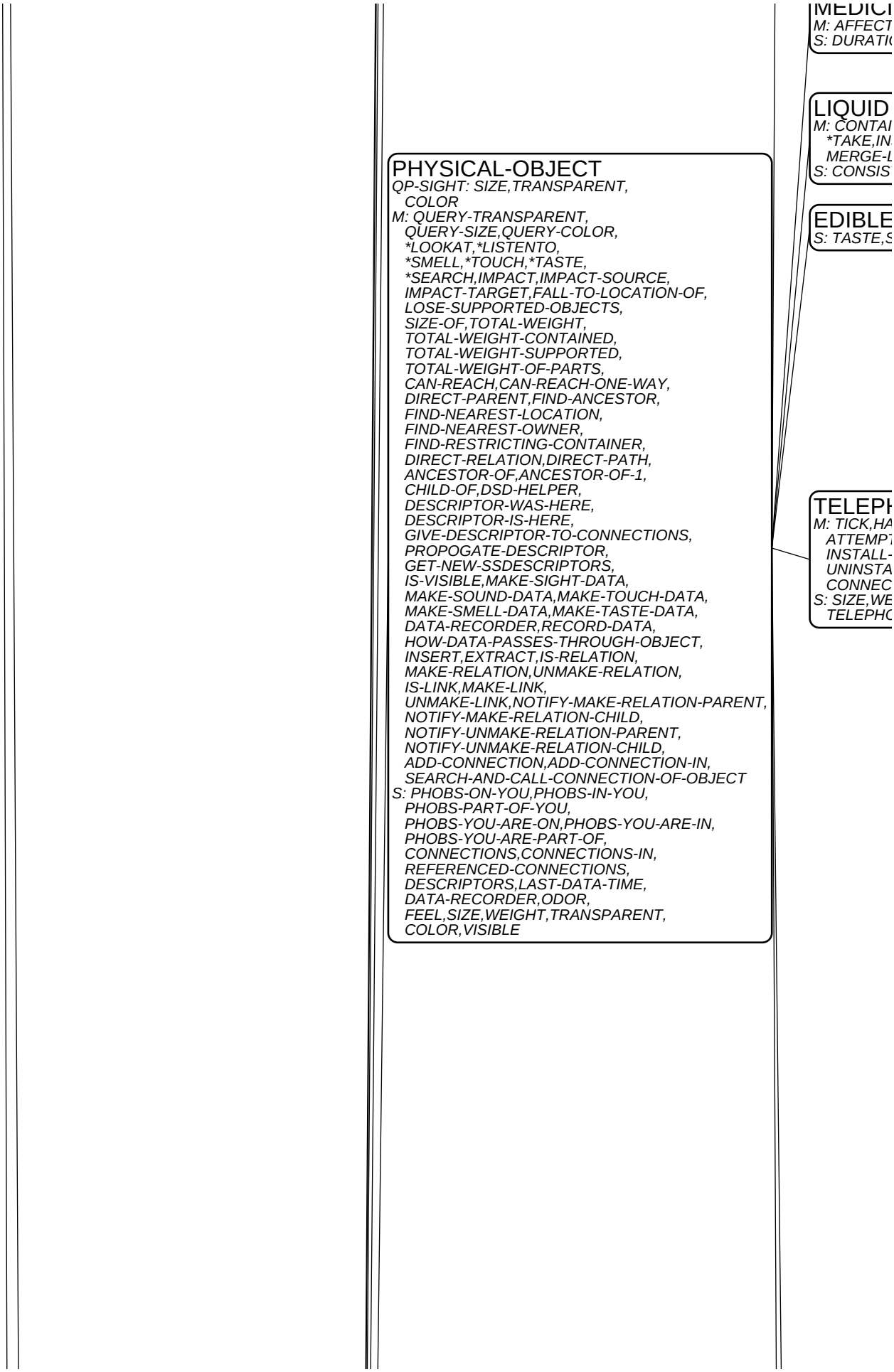

ACTOR
QP-SOUND: SEX
QP-SIGHT: STRENGTH,SEX
M: QUERY-STRENGTH,QUERY-SEX,
MAKE-SIGHT-DATA,*INVENTORY,
*WAIT,*LOOKAROUND,
RECORD-DATA,CHOOSE-ACT,
DO-ACT,CAN-SPEAK,CAN-HOLD,
CAN-AIM,PERMIT-TAKE-FROM,
PERMIT-PUT-REL,STATIC-SENSE-WALK,
DISPLAY-STATIC-SENSE-WALK,
VISIBLE-OBJECTS-OF-STATIC-SENSE-W
DATA-OF-STATIC-SENSE-WALK
S: ARTICLE,SIZE,WEIGHT,
STRENGTH,GRASP,CARRY-LIMIT,
SEX,CAN-SUPPORT,CLOSEABLE,
CLOSED,INTERIOR-SIZE,
OPENING-SIZE,HOLDS-LIQUID,
CAN-SPEAK,VOICE,SENSES,
ACT,ACT-RESULT,DATA-RECORDER,
WALKER-FUNCTION
DL-LADDER-HOLE
S: AFFIXED,SIZE,WEIGHT,
INTERIOR-SIZE,OPENING-SIZE
GUN
M: AMMO-LIST,CAN-INSERT,
*FIRE,SUCCESSFUL-SHOOT
S: SIZE,WEIGHT,OPENING-SIZE,
INTERIOR-SIZE
CONTAINER
QP-SIGHT: CLOSED,OPENING-SIZE
M: MAKE,QUERY-CLOSED,
QUERY-OPENING-SIZE,
BREAK,HOW-DATA-PASSES-THROUGH-OBJECT,
*OPEN,CAN-OPEN,*CLOSE,
IS-CLOSED,CAN-CLOSE,

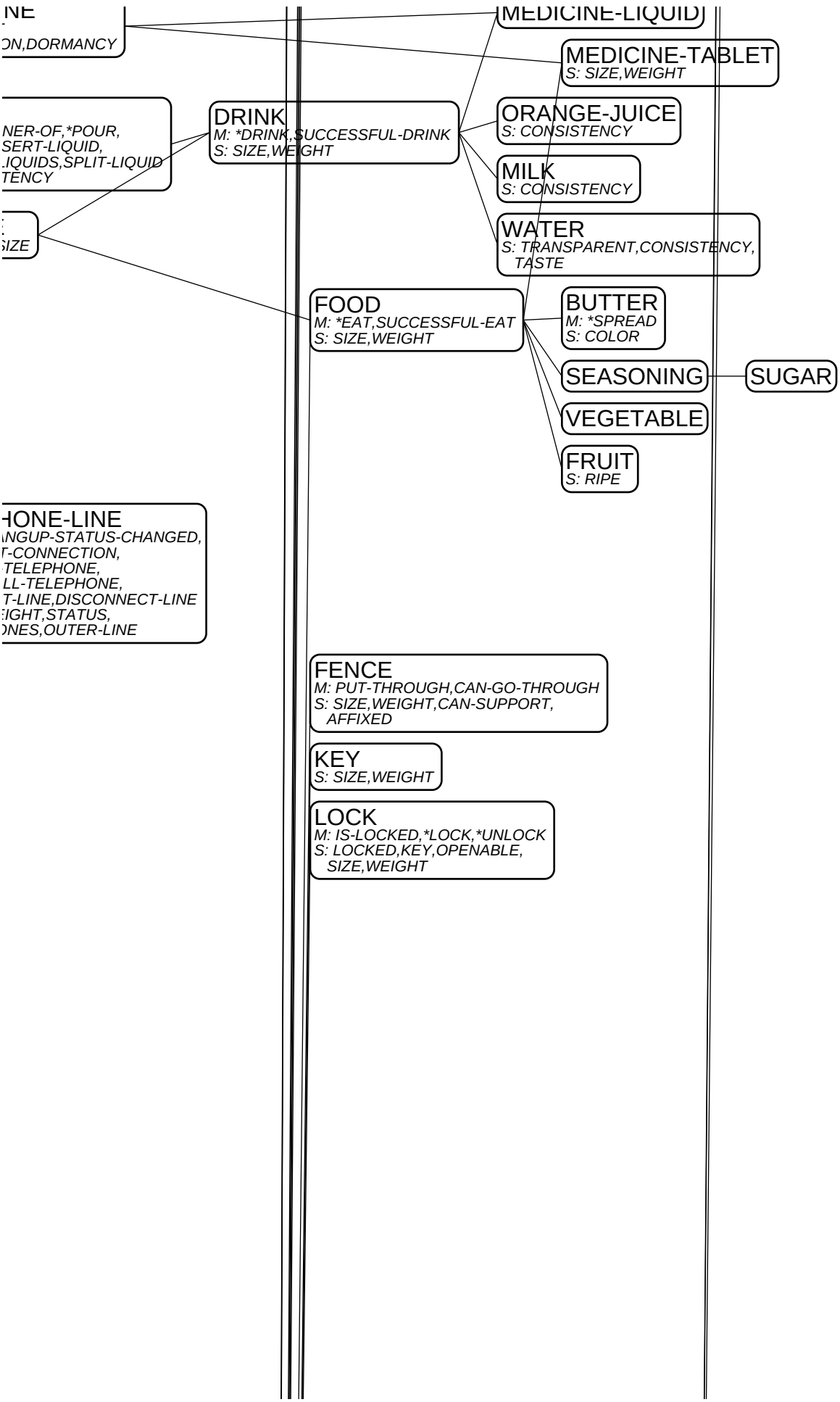

LOCATE,LOCATE-SAME-ID,
PHOBS-DOWN-FROM,PHOBS-IN,
PHOBS-IN*,PHOBS-ON,
PHOBS-ON*,PHOBS-OF,
PHOBS-OF*,PHOBS-DOWN,
PHOBS-CONNECTED,PHOBS-UP-FROM,
PHOBS-UP,MY-LOCATION,
OBJECT-OF-LOCATION,
POSSESSOR-OF,PHOBS-NEARBY,
PHOBS-I-SEE
S: STORE-DEBUG,SPEED,
MAX-SCHEDULE-ITERATIONS,
ITERATION-WARNING-INTERVAL,
VOICE-LIST,DIR-LIST,
NESTED-STATES,SAD-DEBUG,
EVENT-LIST,MEM-LIST,
RANDNUM,SLOTS-TO-SAVE-AT-INTERRUPT,
INTERRUPTED-STATE,
INTERRUPT-HANDLERS,
INTERRUPTS-TO-CHECK,
SCHEDULE,CURRENT-ENVIRONMENT,
PROCEDURES,DEFAULT-PROCEDURES
PLAYER
M: MAKE,INIT-MEMORIES,
INIT-PARSER,REINIT-PARSER,
INIT-KNOWN-OBJECTS
S: PREVIOUS-RECIPIENT,
PARSER,MEMORY,SENTENCE-ABBREVIATIONS,
PARSER-RULES,PROMPT-DISPLAYED,
XTERM-STREAM
DEBUGG
M: DISPLAY-S
HAP-ACTOR
M: WHAT-I-SENSE,MAKE,
DUMP-APT,CHOOSE-ACT,
DO-ACT
S: LAST-ACT-GOAL-NODE,
ACT,PRODUCTION-MEMORY,
ACTIVE-PLAN-TREE,WORLD-STATE,
CURRENT-ENVIRONMENT,
MAX-ITER,GRAPH-FILE-NUM,
ACTOR,SR-SIGHT,SR-SOUND,
SR-TOUCH
'ALK,
SAD-ACTOR
M: MAKE,INITIALIZE,INSTALL-SENSORY-ROUTINES,
INSTALL-SAD-INTERPRETER,
DEBUG,COMMAND,PAUSE,
CAN-AIM,MAP-EDGES-FROM-NODE,
MAP-DESTINATION-OF-EDGE,
INITIALIZE-NORMAL-VOICE-LIST,
RESET-ACTOR,ACT-SENSES-TO-IDS,
REPLACE-IDS-WITH-SENSES,
CHOOSE-ACT,WHAT-I-SENSE,
LAST-EVENT,MATCH-ID,
MATCH-ID-IN,SPEECH-HEARD,
MATCH-ACT-WITH-VOICE,
WORDS-MATCH,EQL-IDS,
OBJECT-OF-LOCATION
S: SAD-INTERPRETER,LOCATIONS-TO-AVOID,
CONNECTIONS-TO-AVOID,
SCHEDULE,SR-SIGHT,
SR-SOUND,VOICE-LIST,
DIR-LIST,EVENT-LIST,
MEM-LIST,DEFAULT-PROCEDURES
SAD-DEADLINE-ACTOR
M: CHOOSE-ACT,DO-ACT,
MAP-EDGES-FROM-NODE,
INSTALL-SENSORY-ROUTINES,
REPLY-TO-SPEECH,DECODE-SUBJECT-TO-ANSWER,
DECODE-WORDS-TO-SUBJECT
S: ASLEEP,SPECIAL-SUBJECT-TO-SPEECH-PATTERN,
DEFAULT-SUBJECT-TO-SPEECH-PATTERN,
SPECIAL-SUBJECT-TO-ANSWER,
DEFAULT-SUBJECT-TO-ANSWER,
DEADLINE-DEFAULT-PROCEDURES
HELGA
M: *HOUSE
S: SEX,SIZ
SCHEDU
MIKE
M: RESPO
OLD-RES
*MOPE
S: SEX,SIZ
HAIR-CO
ASTROL
VOICE,S
SCHEDU
PRODIGY-ACTOR
M: MAKE,CHOOSE-ACT,GET-IDENTITY,
BEST-MATCH,COMPARE,
SET-IDS,UPDATE-STATE,
PUT-OBS-IN-STATE,MAKE-STATE-FOR-NODE1,
MAKE-STATE-FOR-NODE2,
PLAN-TO-SCHEDULE,MAKE-PLAN
S: ATOMS,STATE,PLAN,DIR-LIST,
GOALS,PLANNER,METAPLANNER,
FAILED-GOALS,INTERPRETER,
SCHEDULE,MAP,INT-EXT-ID-TABLE,
EXT-INT-ID-TABLE,TIMES-GOAL-FAILED,
DILIGENCE,PRODIGY-DEFAULT-PROCEDURES
DEBUGGING-ACTOR
M: CHOOSE-ACT,PARSE-INPUT,
PROCESS-SENSE,BUILD-ACT
S: SENSES,ACT,ACT-RESULT,
DATA-RECORDER,WALKER-FUNCTION,
OBJECT-PROPERTIES,
IMPORTANT-PROPERTIES,
PICKY,ID-COUNTER,OBJECT-ID-ALIST,
ID-OBJECT-ALIST

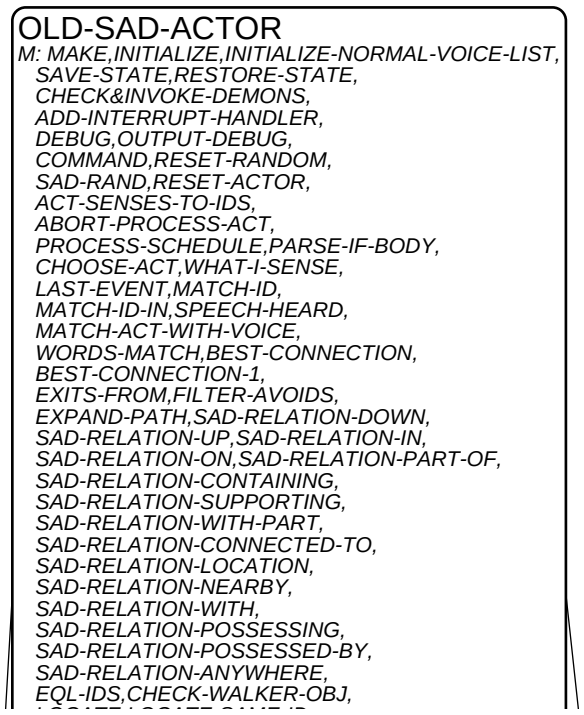
ING-PLAYER
ENSE-DATA

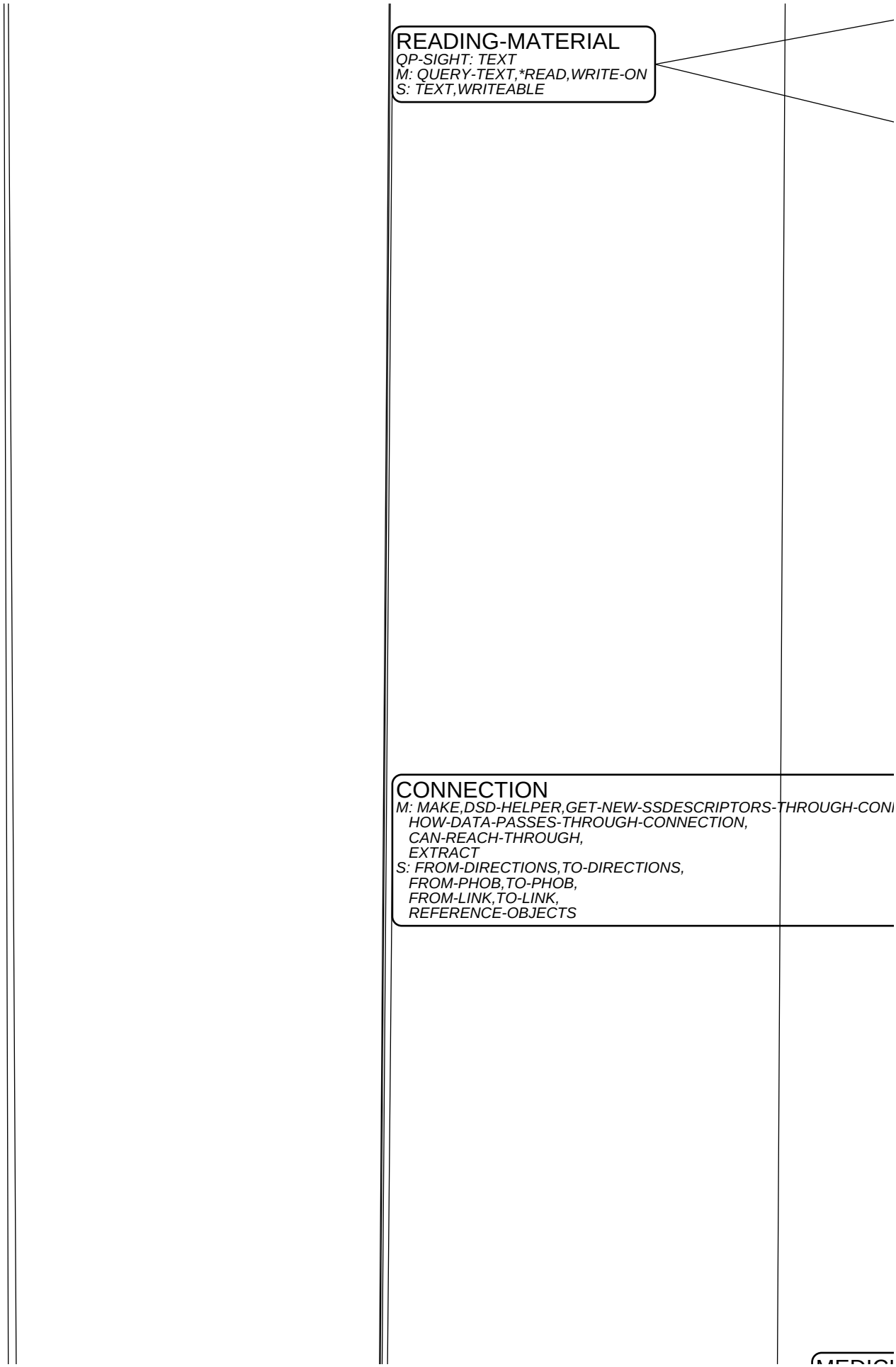

E-CLEAN
E,VOICE,SPECIAL-SUBJECT-TO-ANSWER,
LE

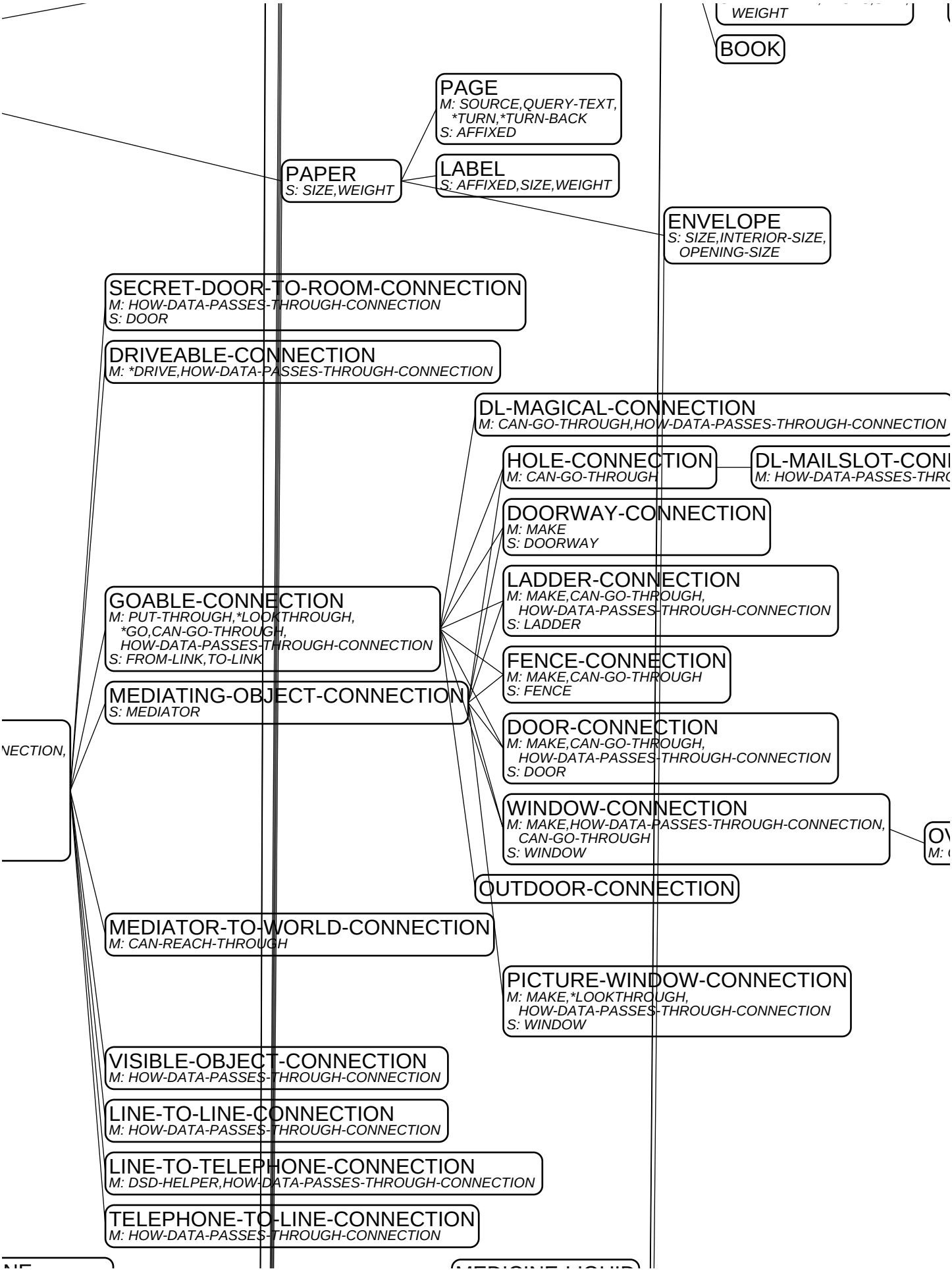

ND-TO-SPEECH,
SPOND-TO-SPEECH,
E,WEIGHT,AGE,
LOR,EYE-COLOR,
OGICAL-SIGN,
PECIAL-SUBJECT-TO-ANSWER,
LE


PHYSICAL-OBJECT
QP-SIGHT: SIZE,TRANSPARENT,
COLOR
M: QUERY-TRANSPARENT,
QUERY-SIZE,QUERY-COLOR,
*LOOKAT,*LISTENTO,
*SMELL,*TOUCH,*TASTE,
*SEARCH,IMPACT,IMPACT-SOURCE,
IMPACT-TARGET,FALL-TO-LOCATION-OF,
LOSE-SUPPORTED-OBJECTS,
SIZE-OF,TOTAL-WEIGHT,
TOTAL-WEIGHT-CONTAINED,
TOTAL-WEIGHT-SUPPORTED,
TOTAL-WEIGHT-OF-PARTS,
CAN-REACH,CAN-REACH-ONE-WAY,
DIRECT-PARENT,FIND-ANCESTOR,
FIND-NEAREST-LOCATION,
FIND-NEAREST-OWNER,
FIND-RESTRICTING-CONTAINER,
DIRECT-RELATION,DIRECT-PATH,
ANCESTOR-OF,ANCESTOR-OF-1,
CHILD-OF,DSD-HELPER,
DESCRIPTOR-WAS-HERE,
DESCRIPTOR-IS-HERE,
GIVE-DESCRIPTOR-TO-CONNECTIONS,
PROPOGATE-DESCRIPTOR,
GET-NEW-SSDESCRIPTORS,
IS-VISIBLE,MAKE-SIGHT-DATA,
MAKE-SOUND-DATA,MAKE-TOUCH-DATA,
MAKE-SMELL-DATA,MAKE-TASTE-DATA,
DATA-RECORDER,RECORD-DATA,
HOW-DATA-PASSES-THROUGH-OBJECT,
INSERT,EXTRACT,IS-RELATION,
MAKE-RELATION,UNMAKE-RELATION,
IS-LINK,MAKE-LINK,
UNMAKE-LINK,NOTIFY-MAKE-RELATION-PARENT,
NOTIFY-MAKE-RELATION-CHILD,
NOTIFY-UNMAKE-RELATION-PARENT,
NOTIFY-UNMAKE-RELATION-CHILD,
ADD-CONNECTION,ADD-CONNECTION-IN,
SEARCH-AND-CALL-CONNECTION-OF-OBJECT
S: PHOBS-ON-YOU,PHOBS-IN-YOU,
PHOBS-PART-OF-YOU,
PHOBS-YOU-ARE-ON,PHOBS-YOU-ARE-IN,
PHOBS-YOU-ARE-PART-OF,
CONNECTIONS,CONNECTIONS-IN,
REFERENCED-CONNECTIONS,
DESCRIPTORS,LAST-DATA-TIME,
DATA-RECORDER,ODOR,
FEEL,SIZE,WEIGHT,TRANSPARENT,
COLOR,VISIBLE
MEDIC
M: AFFECT
S: DURATI
LIQUID
M: CONTAI
*TAKE,IN
MERGE-L
S: CONSIS
EDIBLE
S: TASTE,S
TELEPH
M: TICK,HA
ATTEMPT
INSTALL-
UNINSTA
CONNEC
S: SIZE,WE
TELEPHO


INE
ON,DORMANCY
MEDICINE-LIQUID
MEDICINE-TABLET
S: SIZE,WEIGHT
NER-OF,*POUR,
SERT-LIQUID,
LIQUIDS,SPLIT-LIQUID
TENCY
DRINK
M: *DRINK,SUCCESSFUL-DRINK
S: SIZE,WEIGHT
ORANGE-JUICE
S: CONSISTENCY
MILK
S: CONSISTENCY
WATER
S: TRANSPARENT,CONSISTENCY,
TASTE
SIZE
FOOD
M: *EAT,SUCCESSFUL-EAT
S: SIZE,WEIGHT
BUTTER
M: *SPREAD
S: COLOR
SEASONING
SUGAR
VEGETABLE
FRUIT
S: RIPE
HONE-LINE
NGUP-STATUS-CHANGED,
T-CONNECTION,
TELEPHONE,
LL-TELEPHONE,
T-LINE,DISCONNECT-LINE
IGHT,STATUS,
ONES,OUTER-LINE
FENCE
M: PUT-THROUGH,CAN-GO-THROUGH
S: SIZE,WEIGHT,CAN-SUPPORT,
AFFIXED
KEY
S: SIZE,WEIGHT
LOCK
M: IS-LOCKED,*LOCK,*UNLOCK
S: LOCKED,KEY,OPENABLE,
SIZE,WEIGHT


OLD-SAD-ACTOR
M: MAKE,INITIALIZE,INITIALIZE-NORMAL-VOICE-LIST,
SAVE-STATE,RESTORE-STATE,
CHECK&INVOKE-DEMONS,
ADD-INTERRUPT-HANDLER,
DEBUG,OUTPUT-DEBUG,
COMMAND,RESET-RANDOM,
SAD-RAND,RESET-ACTOR,
ACT-SENSES-TO-IDS,
ABORT-PROCESS-ACT,
PROCESS-SCHEDULE,PARSE-IF-BODY,
CHOOSE-ACT,WHAT-I-SENSE,
LAST-EVENT,MATCH-ID,
MATCH-ID-IN,SPEECH-HEARD,
MATCH-ACT-WITH-VOICE,
WORDS-MATCH,BEST-CONNECTION,
BEST-CONNECTION-1,
EXITS-FROM,FILTER-AVOIDS,
EXPAND-PATH,SAD-RELATION-DOWN,
SAD-RELATION-UP,SAD-RELATION-IN,
SAD-RELATION-ON,SAD-RELATION-PART-OF,
SAD-RELATION-CONTAINING,
SAD-RELATION-SUPPORTING,
SAD-RELATION-WITH-PART,
SAD-RELATION-CONNECTED-TO,
SAD-RELATION-LOCATION,
SAD-RELATION-NEARBY,
SAD-RELATION-WITH,
SAD-RELATION-POSSESSING,
SAD-RELATION-POSSESSED-BY,
SAD-RELATION-ANYWHERE,
EQL-IDS,CHECK-WALKER-OBJ,

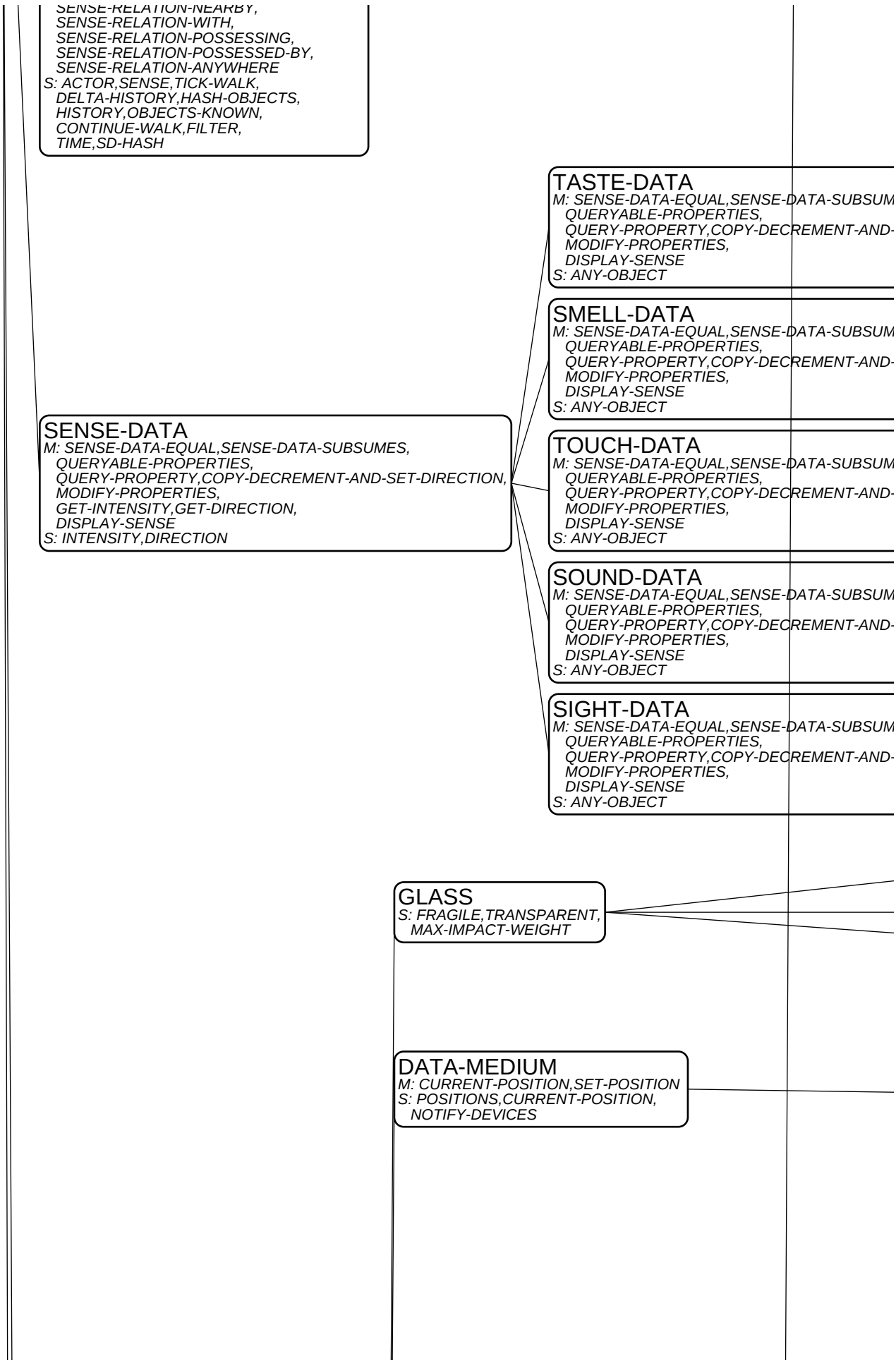

READING-MATERIAL
QP-SIGHT: TEXT
M: QUERY-TEXT,*READ,WRITE-ON
S: TEXT,WRITEABLE
CONNECTION
M: MAKE,DSD-HELPER,GET-NEW-SSDESCRIPTORS-THROUGH-CONI
HOW-DATA-PASSES-THROUGH-CONNECTION,
CAN-REACH-THROUGH,
EXTRACT
S: FROM-DIRECTIONS,TO-DIRECTIONS,
FROM-PHOB,TO-PHOB,
FROM-LINK,TO-LINK,
REFERENCE-OBJECTS

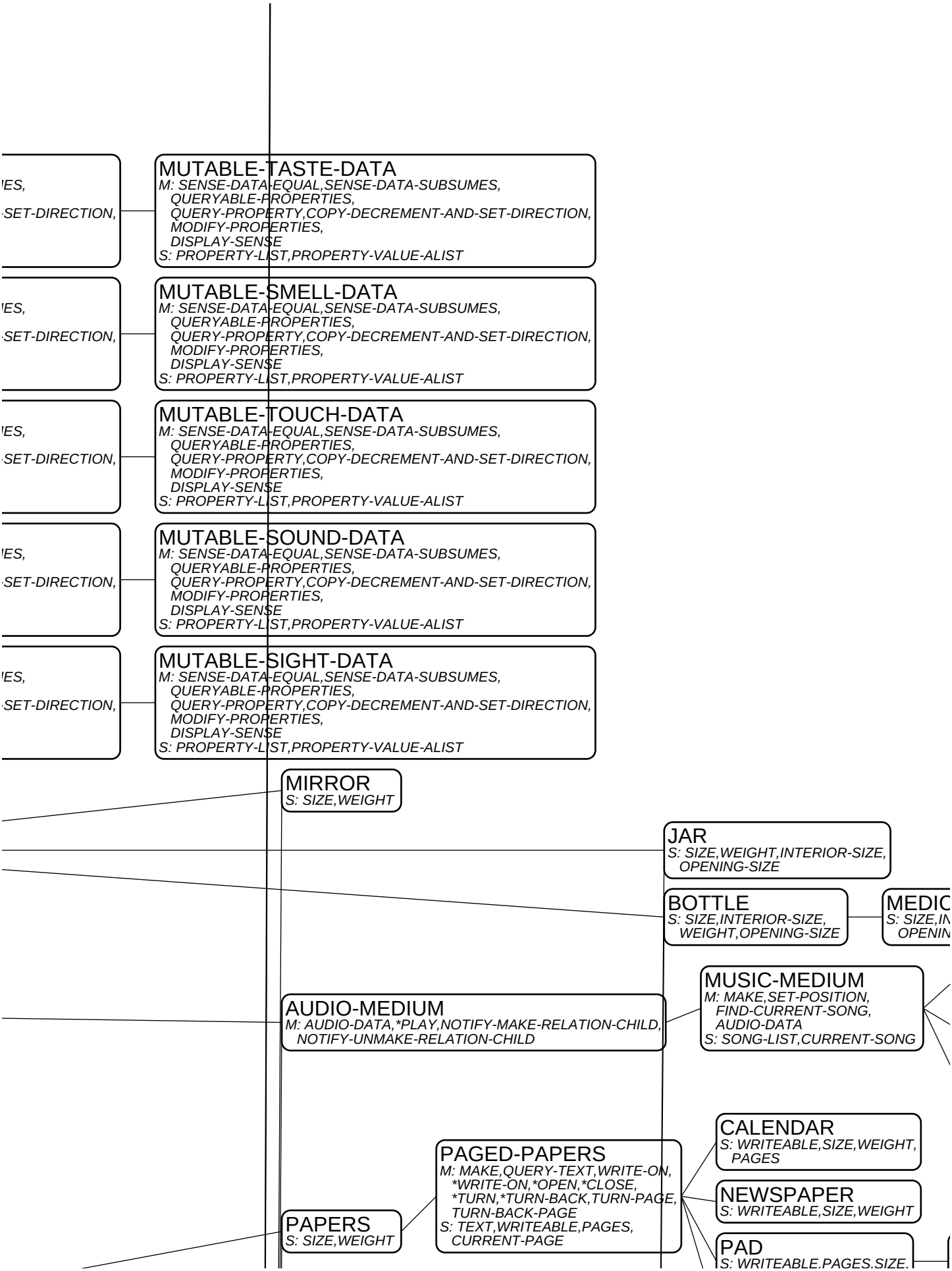

WEIGHT
BOOK
PAGE
M: SOURCE,QUERY-TEXT,
*TURN,*TURN-BACK
S: AFFIXED
PAPER
S: SIZE,WEIGHT
LABEL
S: AFFIXED,SIZE,WEIGHT
ENVELOPE
S: SIZE,INTERIOR-SIZE,
OPENING-SIZE
SECRET-DOOR-TO-ROOM-CONNECTION
M: HOW-DATA-PASSES-THROUGH-CONNECTION
S: DOOR
DRIVEABLE-CONNECTION
M: *DRIVE,HOW-DATA-PASSES-THROUGH-CONNECTION
DL-MAGICAL-CONNECTION
M: CAN-GO-THROUGH,HOW-DATA-PASSES-THROUGH-CONNECTION
HOLE-CONNECTION
M: CAN-GO-THROUGH
DOORWAY-CONNECTION
M: MAKE
S: DOORWAY
LADDER-CONNECTION
M: MAKE,CAN-GO-THROUGH,
HOW-DATA-PASSES-THROUGH-CONNECTION
S: LADDER
GOABLE-CONNECTION
M: PUT-THROUGH,*LOOKTHROUGH,
*GO,CAN-GO-THROUGH,
HOW-DATA-PASSES-THROUGH-CONNECTION
S: FROM-LINK,TO-LINK
FENCE-CONNECTION
M: MAKE,CAN-GO-THROUGH
S: FENCE
MEDIATING-OBJECT-CONNECTION
S: MEDIATOR
DOOR-CONNECTION
M: MAKE,CAN-GO-THROUGH,
HOW-DATA-PASSES-THROUGH-CONNECTION
S: DOOR
WINDOW-CONNECTION
M: MAKE,HOW-DATA-PASSES-THROUGH-CONNECTION,
CAN-GO-THROUGH
S: WINDOW
OUTDOOR-CONNECTION
MEDIATOR-TO-WORLD-CONNECTION
M: CAN-REACH-THROUGH
PICTURE-WINDOW-CONNECTION
M: MAKE,*LOOKTHROUGH,
HOW-DATA-PASSES-THROUGH-CONNECTION
S: WINDOW
VISIBLE-OBJECT-CONNECTION
M: HOW-DATA-PASSES-THROUGH-CONNECTION
LINE-TO-LINE-CONNECTION
M: HOW-DATA-PASSES-THROUGH-CONNECTION
LINE-TO-TELEPHONE-CONNECTION
M: DSD-HELPER,HOW-DATA-PASSES-THROUGH-CONNECTION
TELEPHONE-TO-LINE-CONNECTION
M: HOW-DATA-PASSES-THROUGH-CONNECTION

S: SHADED

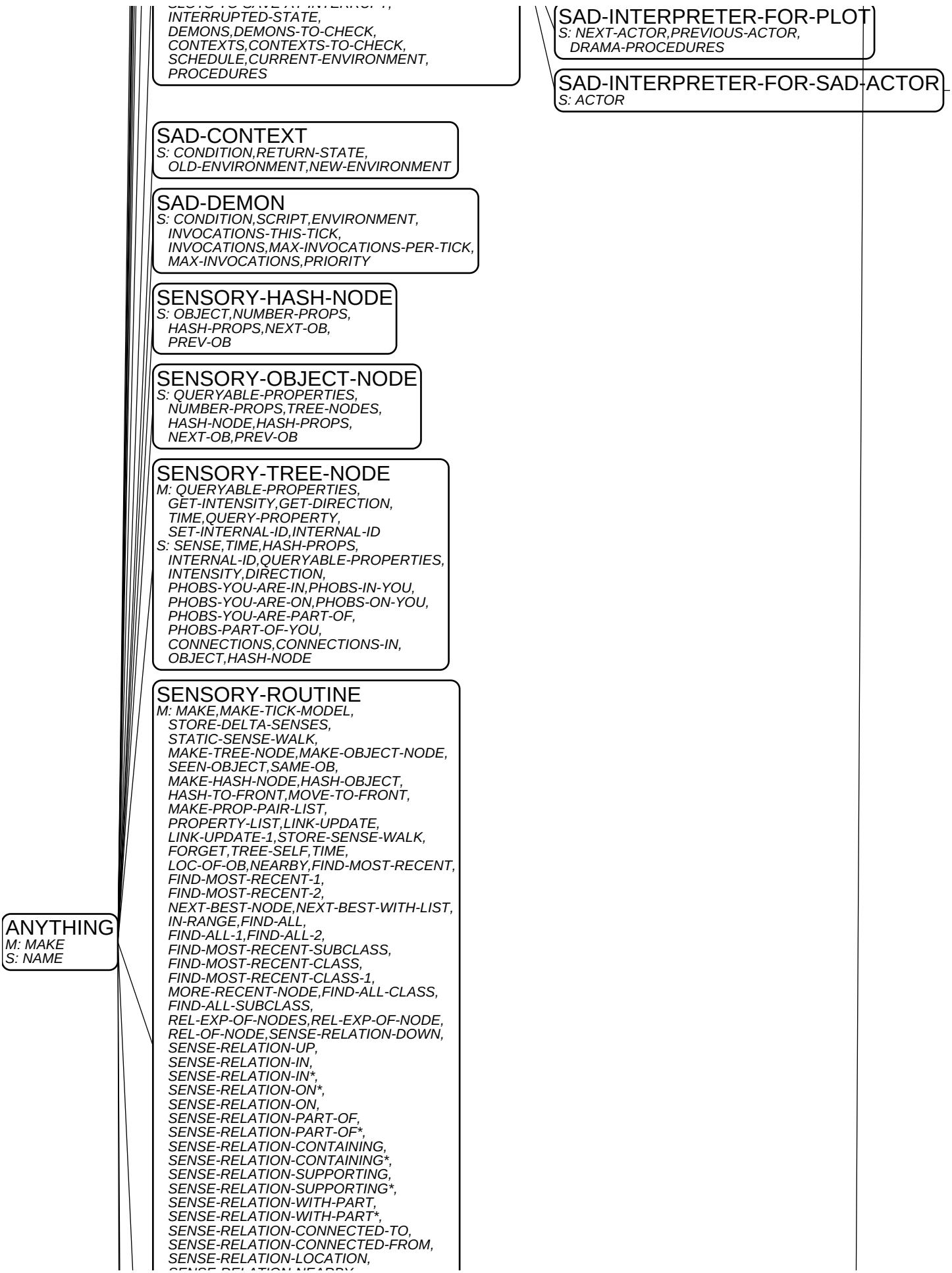
NECTION
OUGH-CONNECTION

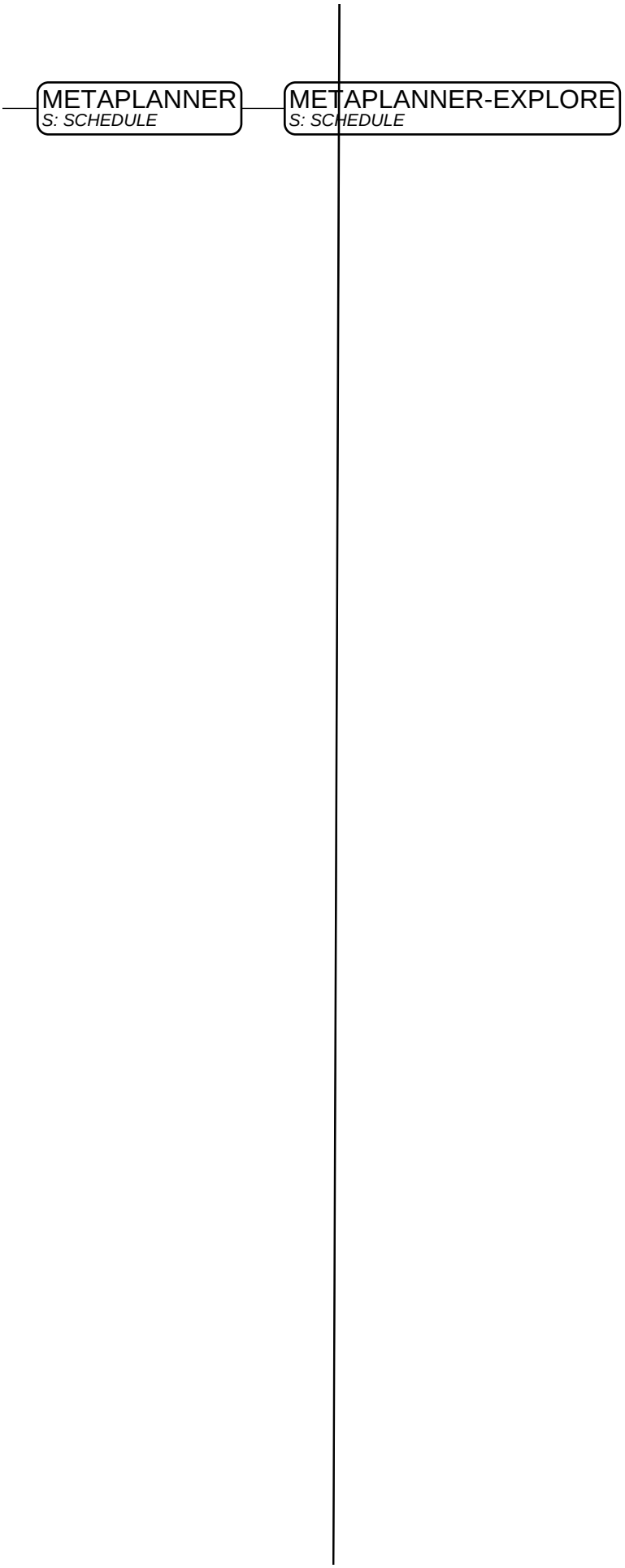
/ERLOOKING-WINDOW-CONNECTION
CAN-GO-THROUGH

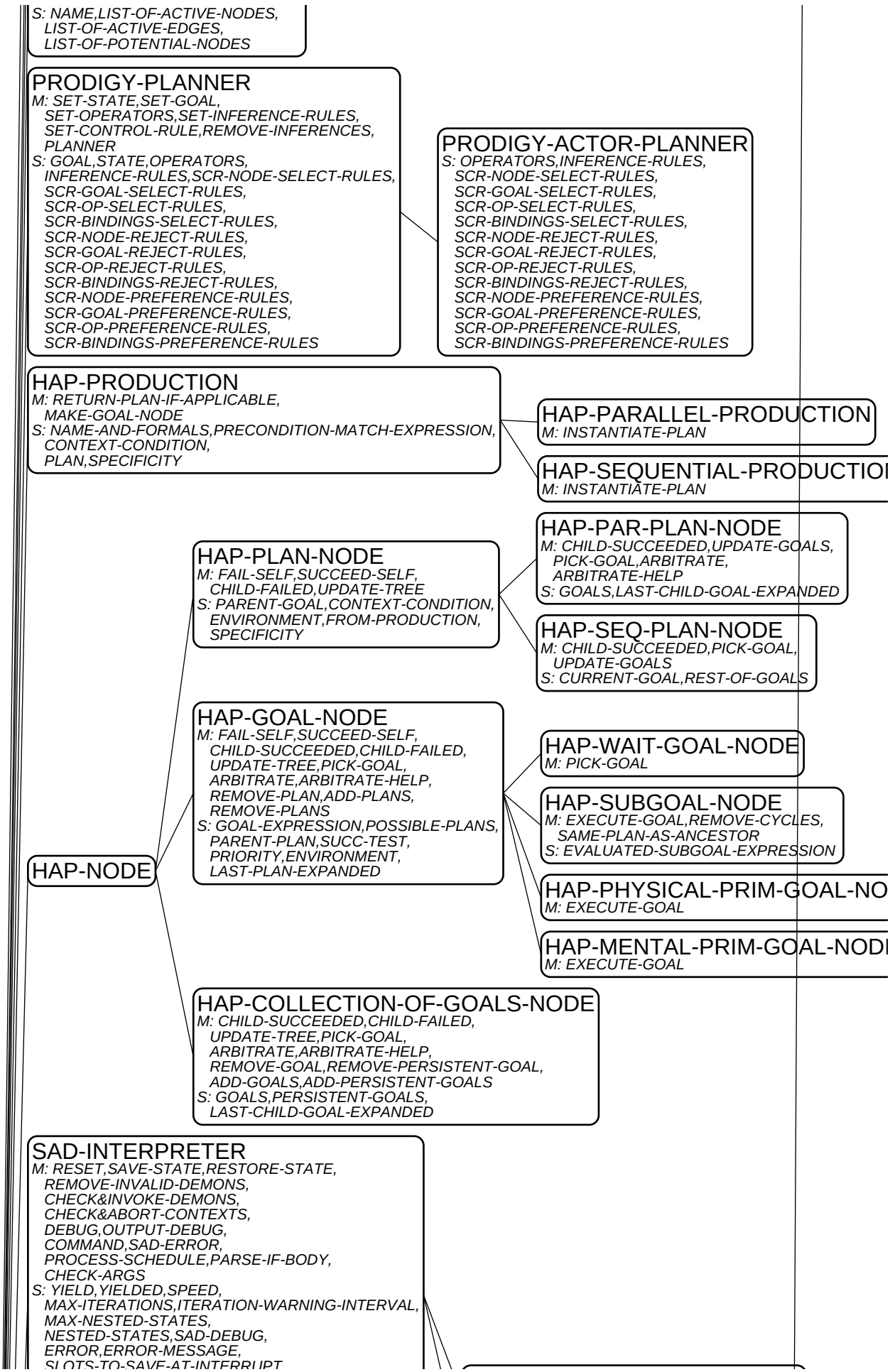

SENSE-RELATION-NEARBY,
SENSE-RELATION-WITH,
SENSE-RELATION-POSSESSING,
SENSE-RELATION-POSSESSED-BY,
SENSE-RELATION-ANYWHERE
S: ACTOR,SENSE,TICK-WALK,
DELTA-HISTORY,HASH-OBJECTS,
HISTORY,OBJECTS-KNOWN,
CONTINUE-WALK,FILTER,
TIME,SD-HASH
SENSE-DATA
M: SENSE-DATA-EQUAL,SENSE-DATA-SUBSUMES,
QUERYABLE-PROPERTIES,
QUERY-PROPERTY,COPY-DECREMENT-AND-SET-DIRECTION,
MODIFY-PROPERTIES,
GET-INTENSITY,GET-DIRECTION,
DISPLAY-SENSE
S: INTENSITY,DIRECTION
TASTE-DATA
M: SENSE-DATA-EQUAL,SENSE-DATA-SUBSUM
QUERYABLE-PROPERTIES,
QUERY-PROPERTY,COPY-DECREMENT-AND-
MODIFY-PROPERTIES,
DISPLAY-SENSE
S: ANY-OBJECT
SMELL-DATA
M: SENSE-DATA-EQUAL,SENSE-DATA-SUBSUM
QUERYABLE-PROPERTIES,
QUERY-PROPERTY,COPY-DECREMENT-AND-
MODIFY-PROPERTIES,
DISPLAY-SENSE
S: ANY-OBJECT
TOUCH-DATA
M: SENSE-DATA-EQUAL,SENSE-DATA-SUBSUM
QUERYABLE-PROPERTIES,
QUERY-PROPERTY,COPY-DECREMENT-AND-
MODIFY-PROPERTIES,
DISPLAY-SENSE
S: ANY-OBJECT
SOUND-DATA
M: SENSE-DATA-EQUAL,SENSE-DATA-SUBSUM
QUERYABLE-PROPERTIES,
QUERY-PROPERTY,COPY-DECREMENT-AND-
MODIFY-PROPERTIES,
DISPLAY-SENSE
S: ANY-OBJECT
SIGHT-DATA
M: SENSE-DATA-EQUAL,SENSE-DATA-SUBSUM
QUERYABLE-PROPERTIES,
QUERY-PROPERTY,COPY-DECREMENT-AND-
MODIFY-PROPERTIES,
DISPLAY-SENSE
S: ANY-OBJECT
GLASS
S: FRAGILE,TRANSPARENT,
MAX-IMPACT-WEIGHT
DATA-MEDIUM
M: CURRENT-POSITION,SET-POSITION
S: POSITIONS,CURRENT-POSITION,
NOTIFY-DEVICES


MUTABLE-TASTE-DATA
M: SENSE-DATA-EQUAL,SENSE-DATA-SUBSUMES,
QUERYABLE-PROPERTIES,
QUERY-PROPERTY,COPY-DECREMENT-AND-SET-DIRECTION,
MODIFY-PROPERTIES,
DISPLAY-SENSE
S: PROPERTY-LIST,PROPERTY-VALUE-ALIST
MUTABLE-SMELL-DATA
M: SENSE-DATA-EQUAL,SENSE-DATA-SUBSUMES,
QUERYABLE-PROPERTIES,
QUERY-PROPERTY,COPY-DECREMENT-AND-SET-DIRECTION,
MODIFY-PROPERTIES,
DISPLAY-SENSE
S: PROPERTY-LIST,PROPERTY-VALUE-ALIST
MUTABLE-TOUCH-DATA
M: SENSE-DATA-EQUAL,SENSE-DATA-SUBSUMES,
QUERYABLE-PROPERTIES,
QUERY-PROPERTY,COPY-DECREMENT-AND-SET-DIRECTION,
MODIFY-PROPERTIES,
DISPLAY-SENSE
S: PROPERTY-LIST,PROPERTY-VALUE-ALIST
MUTABLE-SOUND-DATA
M: SENSE-DATA-EQUAL,SENSE-DATA-SUBSUMES,
QUERYABLE-PROPERTIES,
QUERY-PROPERTY,COPY-DECREMENT-AND-SET-DIRECTION,
MODIFY-PROPERTIES,
DISPLAY-SENSE
S: PROPERTY-LIST,PROPERTY-VALUE-ALIST
MUTABLE-SIGHT-DATA
M: SENSE-DATA-EQUAL,SENSE-DATA-SUBSUMES,
QUERYABLE-PROPERTIES,
QUERY-PROPERTY,COPY-DECREMENT-AND-SET-DIRECTION,
MODIFY-PROPERTIES,
DISPLAY-SENSE
S: PROPERTY-LIST,PROPERTY-VALUE-ALIST
MIRROR
S: SIZE,WEIGHT
JAR
S: SIZE,WEIGHT,INTERIOR-SIZE,
OPENING-SIZE
BOTTLE
S: SIZE,INTERIOR-SIZE,
WEIGHT,OPENING-SIZE
MUSIC-MEDIUM
M: MAKE,SET-POSITION,
FIND-CURRENT-SONG,
AUDIO-DATA
S: SONG-LIST,CURRENT-SONG
AUDIO-MEDIUM
M: AUDIO-DATA,*PLAY,NOTIFY-MAKE-RELATION-CHILD,
NOTIFY-UNMAKE-RELATION-CHILD
CALENDAR
S: WRITEABLE,SIZE,WEIGHT,
PAGES
PAGED-PAPERS
M: MAKE,QUERY-TEXT,WRITE-ON,
*WRITE-ON,*OPEN,*CLOSE,
*TURN,*TURN-BACK,TURN-PAGE,
TURN-BACK-PAGE
S: TEXT,WRITEABLE,PAGES,
CURRENT-PAGE
NEWSPAPER
S: WRITEABLE,SIZE,WEIGHT
PAPERS
S: SIZE,WEIGHT
PAD
S: WRITEABLE.PAGES.SIZE.

:INE-BOTTLE
ITERIOR-SIZE,
G-SIZE,WEIGHT
COMPACT-DISC
S: SIZE,WEIGHT
CASSETTE
S: SIZE,WEIGHT
RECORD
S: SIZE,WEIGHT
DL-PAD
M: *SHADE


INTERRUPTED-STATE,
DEMONS,DEMONS-TO-CHECK,
CONTEXTS,CONTEXTS-TO-CHECK,
SCHEDULE,CURRENT-ENVIRONMENT,
PROCEDURES
SAD-INTERPRETER-FOR-PLOT
S: NEXT-ACTOR,PREVIOUS-ACTOR,
DRAMA-PROCEDURES
SAD-INTERPRETER-FOR-SAD-ACTOR
S: ACTOR
SAD-CONTEXT
S: CONDITION,RETURN-STATE,
OLD-ENVIRONMENT,NEW-ENVIRONMENT
SAD-DEMON
S: CONDITION,SCRIPT,ENVIRONMENT,
INVOCATIONS-THIS-TICK,
INVOCATIONS,MAX-INVOCATIONS-PER-TICK,
MAX-INVOCATIONS,PRIORITY
SENSORY-HASH-NODE
S: OBJECT,NUMBER-PROPS,
HASH-PROPS,NEXT-OB,
PREV-OB
SENSORY-OBJECT-NODE
S: QUERYABLE-PROPERTIES,
NUMBER-PROPS,TREE-NODES,
HASH-NODE,HASH-PROPS,
NEXT-OB,PREV-OB
SENSORY-TREE-NODE
M: QUERYABLE-PROPERTIES,
GET-INTENSITY,GET-DIRECTION,
TIME,QUERY-PROPERTY,
SET-INTERNAL-ID,INTERNAL-ID
S: SENSE,TIME,HASH-PROPS,
INTERNAL-ID,QUERYABLE-PROPERTIES,
INTENSITY,DIRECTION,
PHOBS-YOU-ARE-IN,PHOBS-IN-YOU,
PHOBS-YOU-ARE-ON,PHOBS-ON-YOU,
PHOBS-YOU-ARE-PART-OF,
PHOBS-PART-OF-YOU,
CONNECTIONS,CONNECTIONS-IN,
OBJECT,HASH-NODE
SENSORY-ROUTINE
M: MAKE,MAKE-TICK-MODEL,
STORE-DELTA-SENSES,
STATIC-SENSE-WALK,
MAKE-TREE-NODE,MAKE-OBJECT-NODE,
SEEN-OBJECT,SAME-OB,
MAKE-HASH-NODE,HASH-OBJECT,
HASH-TO-FRONT,MOVE-TO-FRONT,
MAKE-PROP-PAIR-LIST,
PROPERTY-LIST,LINK-UPDATE,
LINK-UPDATE-1,STORE-SENSE-WALK,
FORGET,TREE-SELF,TIME,
LOC-OF-OB,NEARBY,FIND-MOST-RECENT,
FIND-MOST-RECENT-1,
FIND-MOST-RECENT-2,
NEXT-BEST-NODE,NEXT-BEST-WITH-LIST,
IN-RANGE,FIND-ALL,
FIND-ALL-1,FIND-ALL-2,
FIND-MOST-RECENT-SUBCLASS,
FIND-MOST-RECENT-CLASS,
FIND-MOST-RECENT-CLASS-1,
MORE-RECENT-NODE,FIND-ALL-CLASS,
FIND-ALL-SUBCLASS,
REL-EXP-OF-NODES,REL-EXP-OF-NODE,
REL-OF-NODE,SENSE-RELATION-DOWN,
SENSE-RELATION-UP,
SENSE-RELATION-IN,
SENSE-RELATION-IN*,
SENSE-RELATION-ON*,
SENSE-RELATION-ON,
SENSE-RELATION-PART-OF,
SENSE-RELATION-PART-OF*,
SENSE-RELATION-CONTAINING,
SENSE-RELATION-CONTAINING*,
SENSE-RELATION-SUPPORTING,
SENSE-RELATION-SUPPORTING*,
SENSE-RELATION-WITH-PART,
SENSE-RELATION-WITH-PART*,
SENSE-RELATION-CONNECTED-TO,
SENSE-RELATION-CONNECTED-FROM,
SENSE-RELATION-LOCATION,
ANYTHING
M: MAKE
S: NAME


METAPLANNER
S: SCHEDULE
METAPLANNER-EXPLORE
S: SCHEDULE


S: NAME,LIST-OF-ACTIVE-NODES,
LIST-OF-ACTIVE-EDGES,
LIST-OF-POTENTIAL-NODES
PRODIGY-PLANNER
M: SET-STATE,SET-GOAL,
SET-OPERATORS,SET-INFERENCE-RULES,
SET-CONTROL-RULE,REMOVE-INFERENCES,
PLANNER
S: GOAL,STATE,OPERATORS,
INFERENCE-RULES,SCR-NODE-SELECT-RULES,
SCR-GOAL-SELECT-RULES,
SCR-OP-SELECT-RULES,
SCR-BINDINGS-SELECT-RULES,
SCR-NODE-REJECT-RULES,
SCR-GOAL-REJECT-RULES,
SCR-OP-REJECT-RULES,
SCR-BINDINGS-REJECT-RULES,
SCR-NODE-PREFERENCE-RULES,
SCR-GOAL-PREFERENCE-RULES,
SCR-OP-PREFERENCE-RULES,
SCR-BINDINGS-PREFERENCE-RULES
PRODIGY-ACTOR-PLANNER
S: OPERATORS,INFERENCE-RULES,
SCR-NODE-SELECT-RULES,
SCR-GOAL-SELECT-RULES,
SCR-OP-SELECT-RULES,
SCR-BINDINGS-SELECT-RULES,
SCR-NODE-REJECT-RULES,
SCR-GOAL-REJECT-RULES,
SCR-OP-REJECT-RULES,
SCR-BINDINGS-REJECT-RULES,
SCR-NODE-PREFERENCE-RULES,
SCR-GOAL-PREFERENCE-RULES,
SCR-OP-PREFERENCE-RULES,
SCR-BINDINGS-PREFERENCE-RULES
HAP-PRODUCTION
M: RETURN-PLAN-IF-APPLICABLE,
MAKE-GOAL-NODE
S: NAME-AND-FORMALS,PRECONDITION-MATCH-EXPRESSION,
CONTEXT-CONDITION,
PLAN,SPECIFICITY
HAP-PARALLEL-PRODUCTION
M: INSTANTIATE-PLAN
HAP-SEQUENTIAL-PRODUCTIO
M: INSTANTIATE-PLAN
HAP-PLAN-NODE
M: FAIL-SELF,SUCCEED-SELF,
CHILD-FAILED,UPDATE-TREE
S: PARENT-GOAL,CONTEXT-CONDITION,
ENVIRONMENT,FROM-PRODUCTION,
SPECIFICITY
HAP-PAR-PLAN-NODE
M: CHILD-SUCCEEDED,UPDATE-GOALS,
PICK-GOAL,ARBITRATE,
ARBITRATE-HELP
S: GOALS,LAST-CHILD-GOAL-EXPANDED
HAP-SEQ-PLAN-NODE
M: CHILD-SUCCEEDED,PICK-GOAL,
UPDATE-GOALS
S: CURRENT-GOAL,REST-OF-GOALS
HAP-NODE
HAP-GOAL-NODE
M: FAIL-SELF,SUCCEED-SELF,
CHILD-SUCCEEDED,CHILD-FAILED,
UPDATE-TREE,PICK-GOAL,
ARBITRATE,ARBITRATE-HELP,
REMOVE-PLAN,ADD-PLANS,
REMOVE-PLANS
S: GOAL-EXPRESSION,POSSIBLE-PLANS,
PARENT-PLAN,SUCC-TEST,
PRIORITY,ENVIRONMENT,
LAST-PLAN-EXPANDED
HAP-WAIT-GOAL-NODE
M: PICK-GOAL
HAP-SUBGOAL-NODE
M: EXECUTE-GOAL,REMOVE-CYCLES,
SAME-PLAN-AS-ANCESTOR
S: EVALUATED-SUBGOAL-EXPRESSION
HAP-PHYSICAL-PRIM-GOAL-NO
M: EXECUTE-GOAL
HAP-MENTAL-PRIM-GOAL-NODI
M: EXECUTE-GOAL
HAP-COLLECTION-OF-GOALS-NODE
M: CHILD-SUCCEEDED,CHILD-FAILED,
UPDATE-TREE,PICK-GOAL,
ARBITRATE,ARBITRATE-HELP,
REMOVE-GOAL,REMOVE-PERSISTENT-GOAL,
ADD-GOALS,ADD-PERSISTENT-GOALS
S: GOALS,PERSISTENT-GOALS,
LAST-CHILD-GOAL-EXPANDED
SAD-INTERPRETER
M: RESET,SAVE-STATE,RESTORE-STATE,
REMOVE-INVALID-DEMONS,
CHECK&INVOKE-DEMONS,
CHECK&ABORT-CONTEXTS,
DEBUG,OUTPUT-DEBUG,
COMMAND,SAD-ERROR,
PROCESS-SCHEDULE,PARSE-IF-BODY,
CHECK-ARGS
S: YIELD,YIELDED,SPEED,
MAX-ITERATIONS,ITERATION-WARNING-INTERVAL,
MAX-NESTED-STATES,
NESTED-STATES,SAD-DEBUG,
ERROR,ERROR-MESSAGE,

N

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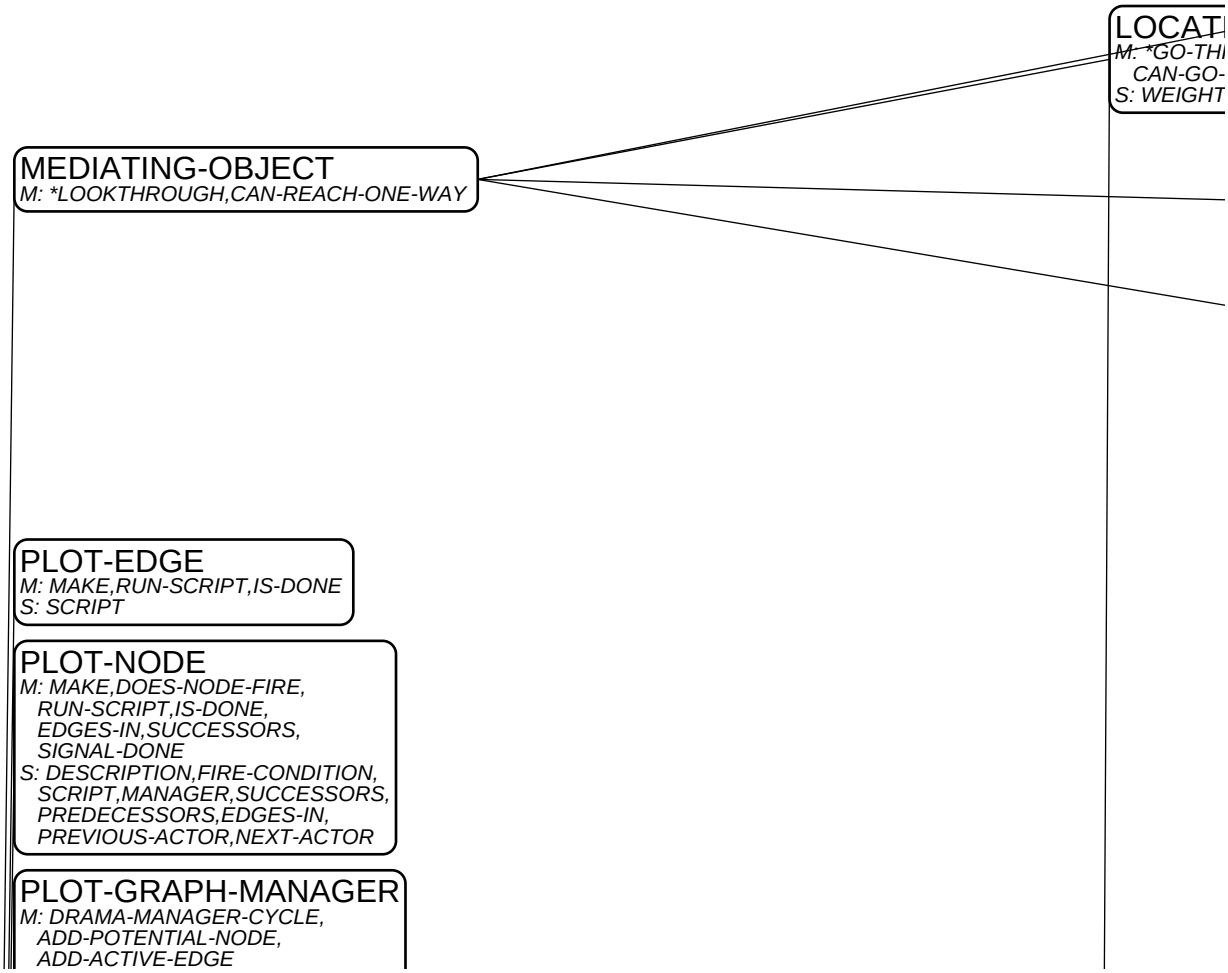
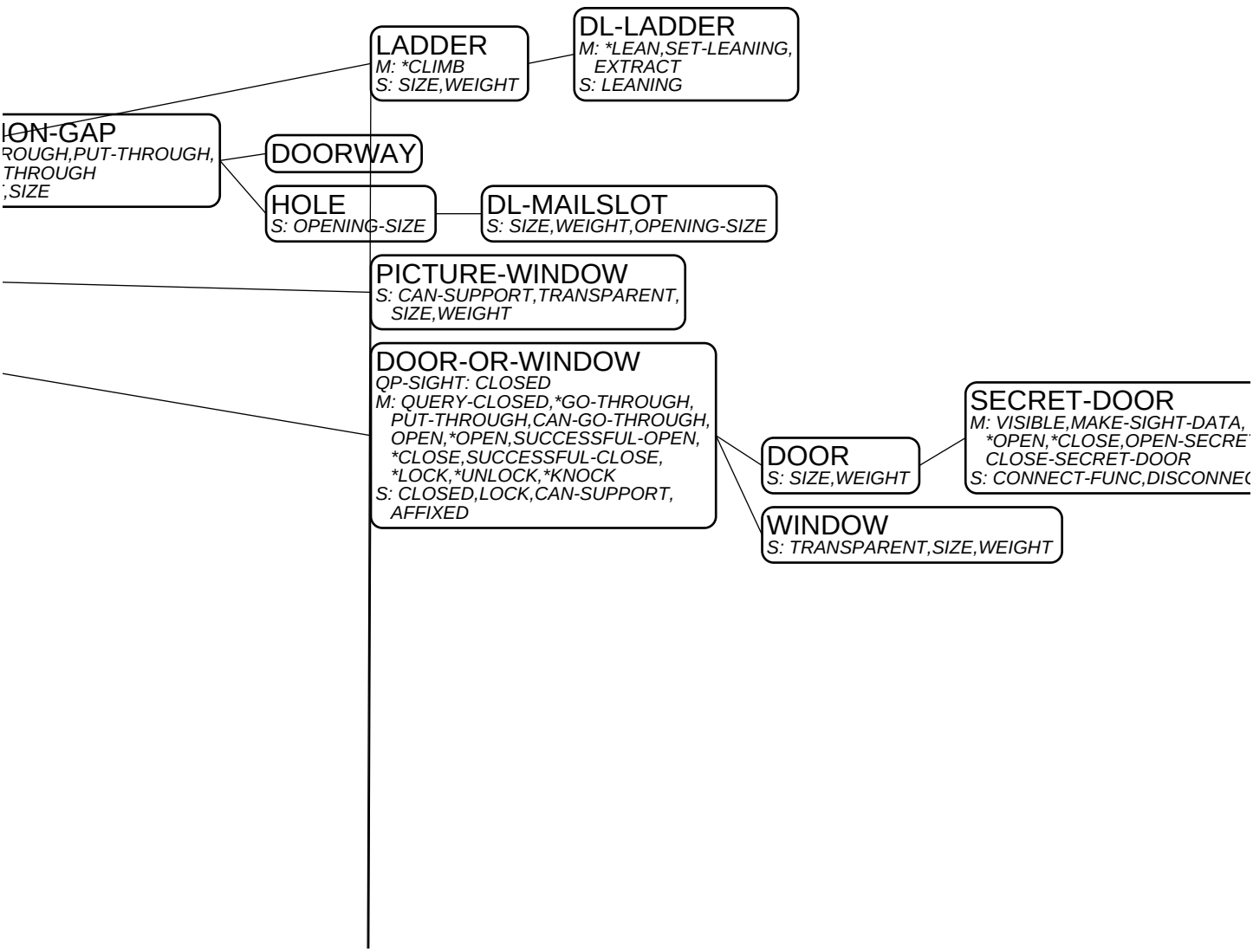

LOCAT
M: *GO-THI
CAN-GO-
S: WEIGHT
MEDIATING-OBJECT
M: *LOOKTHROUGH,CAN-REACH-ONE-WAY
PLOT-EDGE
M: MAKE,RUN-SCRIPT,IS-DONE
S: SCRIPT
PLOT-NODE
M: MAKE,DOES-NODE-FIRE,
RUN-SCRIPT,IS-DONE,
EDGES-IN,SUCCESSORS,
SIGNAL-DONE
S: DESCRIPTION,FIRE-CONDITION,
SCRIPT,MANAGER,SUCCESSORS,
PREDECESSORS,EDGES-IN,
PREVIOUS-ACTOR,NEXT-ACTOR
PLOT-GRAPH-MANAGER
M: DRAMA-MANAGER-CYCLE,
ADD-POTENTIAL-NODE,
ADD-ACTIVE-EDGE


LADDER
M: *CLIMB
S: SIZE,WEIGHT
DL-LADDER
M: *LEAN,SET-LEANING,
EXTRACT
S: LEANING
ON-GAP
ROUGH,PUT-THROUGH,
THROUGH
,SIZE
DOORWAY
HOLE
S: OPENING-SIZE
DL-MAILSLOT
S: SIZE,WEIGHT,OPENING-SIZE
PICTURE-WINDOW
S: CAN-SUPPORT,TRANSPARENT,
SIZE,WEIGHT
DOOR-OR-WINDOW
QP-SIGHT: CLOSED
M: QUERY-CLOSED,*GO-THROUGH,
PUT-THROUGH,CAN-GO-THROUGH,
OPEN,*OPEN,SUCCESSFUL-OPEN,
*CLOSE,SUCCESSFUL-CLOSE,
*LOCK,*UNLOCK,*KNOCK
S: CLOSED,LOCK,CAN-SUPPORT,
AFFIXED
DOOR
S: SIZE,WEIGHT
SECRET-DOOR
M: VISIBLE,MAKE-SIGHT-DATA,
*OPEN,*CLOSE,OPEN-SECRE
CLOSE-SECRET-DOOR
S: CONNECT-FUNC,DISCONNEC
WINDOW
S: TRANSPARENT,SIZE,WEIGHT

T-DOOR,

CT-FUNC