

# Chapter 1

## Noun Compound Relation Definitions

This appendix presents definitions for the noun compound data included with this work.

### 1) Objective Group

#### OBJECTIVE

$n_1$  is the logical grammatical object of  $n_2$ .

### 2) Causal Group

#### SUBJECTIVE

$n_1$  actively perform(ed), play(ed) (as of sports), and/or engaged\_in the  $n_2$ . (If ambiguous with OBJECTIVE, OBJECTIVE should be preferred.)

#### CREATOR/PROVIDER/CAUSE OF

$n_1$  created, produced, generated, provided, and/or caused the  $n_2$ .

$n_2$  is revenue/cost/debt that came from  $n_1$ .

#### JUSTIFICATION

$n_1$  is the justification for the  $n_2$ .

MEANS + USE(R)

$n_1$  is a means in the process of or used by  $n_2$ .

### 3) Purpose / Activity Group

PERFORM/ENGAGE\_IN

$n_2$  (tries to/is used to/does) perform(s), engage(s)\_in, finance(s) the activity of,  
and/or play(s)  $n_1$ .

CREATE/PROVIDE/SELL

$n_2$  (tries to/is used to/does) create(s), produce(s), cause(s), provide(s), sell(s),  
and/or dispense(s)  $n_1$ .

OBTAIN/ACCESS/SEEK

$n_2$  (tries to/is used to/does) obtain(s), seeks, fight(s)\_for, capture(s), buy(s),  
access(es), and/or achieve(s)  $n_1$ .

MITIGATE/OPPOSE

$n_2$  (tries to/is used to/does) oppose(s), avoid(s), prevent(s), protect(s) against,  
reduce(s), and/or alleviate(s)  $n_1$ (s) [and/or the effects thereof].

ORGANIZE/SUPERVISE/AUTHORITY

$n_2$  holds a position of/is an act of supervision, policy/rule setting and/or enforcement with regard to  $n_1$  [and/or related things]

#### PURPOSE (VAGUE)

$n_2$  has an underspecified purpose related to  $n_1(s)$  [and/or related things].

### 4) Ownership, Employment, and Use

#### POSSESSOR + OWNED/POSSESSED

$n_1$  is the expected legal owner and/or physical possessor of  $n_2$ .

#### EXPERIENCER + COGNITION/MENTAL EXPERIENCE

$n_1$  experiences/possesses the cognitive object/emotion  $n_2$ .

#### EMPLOYER (LEGAL SENSE) + EMPLOYEE/VOLUNTEER

$n_2$  is employed (legal sense) by/works as a volunteer for  $n_1$ .

#### USER/RECIPIENT + THING USED/RECEIVED

$n_1$  uses (doesn't necessarily own) and/or frequents the  $n_2$ .

$n_1$  receives/acquires info/services/rights/money/resources from  $n_2(s)$ .

### 5) Time

#### TIME OF X

$n_2$  is present, occurs, created or in its role at the time of/during  $n_1$ .

#### X + TIME/TIME\_SPAN

$n_2$  is a/the time/duration/time\_span/time\_bound(s) of/for  $n_1$ .

### 6) Location & Whole+Part

#### LOCATION/GEOGRAPHIC SCOPE OF X

$n_1$  is the location / geographic scope where  $n_2$  is at, near, from, generally found, or occurs.

#### WHOLE + PART/MEMBER OF

The  $n_2$  is a part, piece, attachment, member, or subgroup of  $n_1$ .

### 7) Composition & Containment

#### SUBSTANCE/MATERIAL/INGREDIENT + WHOLE

$n_1$  is one of the primary physical substances/materials/ingredients that  $n_2$  is made/composed out of/from.

#### PART/MEMBER + COLLECTION/CONFIGURATION/SERIES

$n_2$  is a collection/configuration/series of  $n_1(s)$ .

#### VARIETY/GENUS OF

$n_2$  is a taxonomic group/family/variety of  $n_1(s)$ .

#### X + SPATIAL CONTAINER/LOCATION/BOUNDS

Much/many  $n_1(s)$  live in/at/on the  $n_2$ .

$n_2$  does/is designed to contain, physically hold, and/or define bound(s) of  $n_1(s)$ .

#### AMOUNT OF

$n_2$  is a word that specifies an amount of something, and, in this case,  $n_1$  is that something.

## 8) Topical

### TOPIC (GENERAL)

$n_2$  discusses, depicts, expresses, explains, teaches, symbolizes, praises, celebrates, and/or contains info/data related to  $n_1$ (s) [and/or related things].

### TOPIC OF COGITION/MENTAL\_EXPERIENCE

The  $n_1$  is the topic (and, perhaps, trigger) of the thought, emotion, and/or mental experience (of/experienced\_by)  $n_2$ .

The  $n_2$  is enthusiastic about/entertained by  $n_1$ .

### TOPIC OF EXPERT

The  $n_2$  is some sort of expert(ise) in the domain of  $n_1$  BUT  $n_2$  may or may not work in the domain of  $n_1$  AND the term  $n_1 n_2$  does NOT fit well elsewhere.

## 10) Other Complements Group

### OTHER 'OF' COMPLEMENT

The relationship between  $n_2$  and  $n_1$  is idiosyncratic to the word  $n_2$  and can be paraphrased using the word 'of.'

## TOPIC/THING + ATTRIB/FEAT/QUALITY VALUE IS CHARACTERISTIC OF

$n_2$  is an attribute/feature/quality (but not a physical part/piece) of  $n_1(s)$  AND the term  $n_1 n_2$  is conveying that the value/nature of the  $n_2$  is characteristic of that of  $n_1(s)$  rather than simply being a reference to the  $n_2$  of something/someone AND it is inappropriate to say that  $n_2$  is a/the/made\_of  $n_1$ .

### 11) Attributive and Equative

#### EQUATIVE (SUBTYPE / LOGICAL AND)

The  $n_1 n_2$  is a  $n_2$  AND the  $n_1 n_2$  is a/the  $n_1$ .

The  $n_1 n_2$  is a  $n_2$  AND the  $n_1 n_2$  is an instance of  $n_1$ .

The  $n_1 n_2$  is a substance/material AND  $n_1$  is a substance/material AND the words  $n_1$  and  $n_2$  are both referring to the same substance/material not a  $n_2$  made out\_of/from  $n_1$ . (mozzarella cheese vs mozzarella stick)

#### ADJ-LIKE NOUN

In  $n_1 n_2$ ,  $n_1$  is one of a handful of adjective-like nouns such as ‘key’, ‘chief’, and ‘core.’

#### COREFERENTIAL (PARTIAL ATTRIBUTE/FEATURE/QUALITY TRANSFER)

The  $n_2$  is metaphorically (but not literally) a/the/made\_of  $n_1$ .

#### MEASURE/DIMENSION SPECIFICATION + WHOLE

$n_1$  specifies the length/area/volume/angle/mass/weight/duration/frequency/classiness/points/portion/probability/currency\_value of  $n_2$ .

## 12) Other

### HIGHLY LEXICALIZED / FIXED PAIR

The relationship between the two words is not obvious or easily deciphered based upon the individual nouns and the given context. Thus, the whole term is better viewed as a single, unique term. Please be sure to provide comments if you select this one.

### OTHER PREPOSITION SENSE

The relationship between the two words can be paraphrased easily using a preposition, but none of the earlier categories seem appropriate.

### OTHER CATEGORY

The relationship between the two words is fairly clear, but none of the earlier categories seem appropriate or it belongs to a category that seems to be missing.