

19 词汇语义学

- 词目 sing

映射个 (词形还原) - 词形 sing, sang, sung

① 映射: 词形还原

② 多词形对-词目 (如上)

③ 多词目对-词形:

tables (-词形) → table 名词 (多词形)
table 动词 (多词形)

④ - 词目会有多个含义:

bank (-词目) → 银行
bank (-词目) → 河岸

词义与词义:

① 之间, 语义相关: 多义关系 (polysemy)

② 之间, 语义无关: 同形 (异义) 关系 (homonyms)

如何分开不同的含义?

① 共轭搭配法 (zeugma)

19.3 Wordnet: 词汇关系信息库

- 每个义项有一个注解

- 近义词组成同义集 (然后不断用上下位关系将语义面扩大, 上升至“物品、乐器”等概念)

Relation	Also called	Definition	Example
Hypernym	Superordinate	From concepts to superordinates	breakfast ¹ → meal ¹
Hyponym	Subordinate	From concepts to subtypes	meal ¹ → lunch ¹
Member Meronym	Has-Member	From groups to their members	faculty ² → professor ¹
Has-Instance		From concepts to instances of the concept	composer ¹ → Bach ¹
Instance		From instances to their concepts	Austen ¹ → author ¹
Member Holonym	Member-Of	From members to their groups	copilot ¹ → crew ¹
Part Meronym	Has-Part	From wholes to parts	table ² → leg ³
Part Holonym	Part-Of	From parts to wholes	course ⁷ → meal ¹
Antonym		Opposites	leader ¹ → follower ¹

名词关系

Figure 19.2 Noun relations in WordNet.

Relation	Definition	Example
Hypernym	From events to superordinate events	fly ⁹ → travel ⁵
Troponym	From a verb (event) to a specific manner elaboration of that verb	walk ¹ → stroll ¹
Entails	From verbs (events) to the verbs (events) they entail	snore ¹ → sleep ¹
Antonym	Opposites	increase ¹ ↔ decrease ¹

动词关系

Figure 19.3 Verb relations in WordNet.

19.4 事件参与者

- 题旨角色 (thematic role)

也是“语义角色”中的一种。
方法: 通过成分分析 (语义特征)
标注了语义角色的资源库, 叫“命题库” (prop bank)

Thematic Role	Definition
AGENT	The volitional causer of an event
EXPERIENCER	The experiencer of an event
FORCE	The non-volitional causer of the event
THEME	The participant most directly affected by an event
RESULT	The end product of an event
CONTENT	The proposition or content of a propositional event
INSTRUMENT	An instrument used in an event
BENEFICIARY	The beneficiary of an event
SOURCE	The origin of the object of a transfer event
GOAL	The destination of an object of a transfer event

Figure 19.5 Some commonly-used thematic roles with their definitions.

其他问题 = { 借喻
隐喻 (19.6)