



Xtended English WordNet



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WordNet (basic)

lemma lookup

synsets "option" is member of

SELECT lemma,pos,sensenum,synsetid,SUBSTRING(definition FROM 1 FOR 64) FROM words LEFT JOIN senses USING (wordid) LEFT JOIN synsets USING (synsetid)
WHERE lemma = 'option' ORDER BY pos,sensenum

lemma	pos	sensenum	synsetid	SUBSTRING(definition FROM 1 FOR 64)
option	n	1	113230051	the right to buy or sell property at an agreed price; the right
option	n	2	105780770	one of a number of things from which only one can be chosen
option	n	3	100161154	the act of choosing or selecting

synsets "want" is member of

SELECT lemma,pos,sensenum,synsetid,SUBSTRING(definition FROM 1 FOR 64) FROM words LEFT JOIN senses USING (wordid) LEFT JOIN synsets USING (synsetid)
WHERE lemma = 'want' ORDER BY pos,sensenum

lemma	pos	sensenum	synsetid	SUBSTRING(definition FROM 1 FOR 64)
want	n	1	114475427	a state of extreme poverty
want	n	2	114431523	the state of needing something that is absent or unavailable
want	n	3	109375826	anything that is necessary but lacking
want	n	4	107494674	a specific feeling of desire
want	v	1	201824043	feel or have a desire for; want strongly
want	v	2	201186647	have need of
want	v	3	201315386	hunt or look for; want for a particular reason
want	v	4	200708163	wish or demand the presence of
want	v	5	202632893	be without, lack; be deficient in

synsets verb "like" is member of

SELECT lemma,pos,sensenum,synsetid,SUBSTRING(definition FROM 1 FOR 64) FROM words LEFT JOIN senses USING (wordid) LEFT JOIN synsets USING (synsetid)
WHERE lemma = 'like' AND pos = 'v' ORDER BY pos,sensenum

lemma	pos	sensenum	synsetid	SUBSTRING(definition FROM 1 FOR 64)
like	v	1	201823549	prefer or wish to do something
like	v	2	201775838	find enjoyable or agreeable
like	v	3	201775565	be fond of
like	v	4	200690686	feel about or towards; consider, evaluate, or regard
like	v	5	201824762	want to have

starting with "fear"

SELECT lemma,pos,sensenum,SUBSTRING(definition FROM 1 FOR 64) FROM words LEFT JOIN senses USING (wordid) LEFT JOIN synsets USING (synsetid) WHERE

lemma LIKE 'fear%' ORDER BY lemma,pos,sensenum

lemma	pos	sensenum	SUBSTRING(definition FROM 1 FOR 64)
fear	n	1	an emotion experienced in anticipation of some specific pain or
fear	n	2	an anxious feeling
fear	n	3	a feeling of profound respect for someone or something
fear	v	1	be afraid or feel anxious or apprehensive about a possible or pr
fear	v	2	be afraid or scared of; be frightened of
fear	v	3	be sorry; used to introduce an unpleasant statement
fear	v	4	be uneasy or apprehensive about
fear	v	5	regard with feelings of respect and reverence; consider hallowed
fearful	a	1	lacking courage; ignobly timid and faint-hearted
fearful	s	2	experiencing or showing fear
fearful	s	3	causing fear or dread or terror
fearful	s	4	extremely distressing
fearful	s	5	timid by nature or revealing timidity
fearfully	r	1	in fear
fearfully	r	2	in an alarming manner
fearfulness	n	1	an emotion experienced in anticipation of some specific pain or
fearfulness	n	2	the trait of being afraid
fearless	a	1	oblivious of dangers or perils or calmly resolute in facing them
fearless	s	2	invulnerable to fear or intimidation
fearlessly	r	1	without fear
fearlessness	n	1	feeling no fear
fearlessness	n	2	the trait of feeling no fear
fearsome	s	1	causing fear or dread or terror
fearsomely	r	1	in a fearsome manner

ending with "wards"

SELECT lemma,pos,sensenum,SUBSTRING(definition FROM 1 FOR 64) FROM words LEFT JOIN senses USING (wordid) LEFT JOIN synsets USING (synsetid) WHERE lemma LIKE '%wards' ORDER BY lemma,pos,sensenum

lemma	pos	sensenum	SUBSTRING(definition FROM 1 FOR 64)
afterwards	r	1	happening at a time subsequent to a reference time
backwards	r	1	at or to or toward the back or rear
backwards	r	2	in a manner or order or direction the reverse of normal
bend over backwards	v	1	try very hard to please someone
downwards	r	1	spatially or metaphorically from a higher to a lower level or po
eastwards	r	1	toward the east
edwards	n	1	American theologian whose sermons and writings stimulated a peri
fall over backwards	v	1	try very hard to please someone
forwards	r	1	at or to or toward the front; forward
forwards	r	2	in a forward direction
frontwards	r	1	at or to or toward the front; forward

heavenwards	r	1	toward heaven
homewards	r	1	toward home
inwards	r	1	to or toward the inside of
inwards	r	2	toward the center or interior
jonathan edwards	n	1	American theologian whose sermons and writings stimulated a peri
landwards	r	1	toward land
northwards	r	1	in a northern direction
onwards	r	1	in a forward direction
outwards	r	1	toward the outside
rearwards	r	1	at or to or toward the back or rear
seawards	r	1	in the direction of the sea
sidewards	r	1	toward one side
skywards	r	1	toward the sky
soar upwards	v	1	rise rapidly
southwards	r	1	toward the south
spacewards	r	1	towards outer space
upwards	r	1	spatially or metaphorically from a lower to a higher position
upwards	r	2	to a later time
westwards	r	1	toward the west

containing "ipod"

SELECT lemma,pos,sensenum,SUBSTRING(definition FROM 1 FOR 64) FROM words LEFT JOIN senses USING (wordid) LEFT JOIN synsets USING (synsetid) WHERE lemma LIKE '%ipod%' ORDER BY lemma,pos,sensenum

lemma	pos	sensenum	SUBSTRING(definition FROM 1 FOR 64)
amphipod	n	1	a kind of malacostracan crustacean
amphipoda	n	1	small flat-bodied semiterrestrial crustaceans: whale lice; sand-
antipodal	n	1	the relation of opposition along a diameter
antipodal	a	1	relating to the antipodes or situated at opposite sides of the e
antipodal opposition	n	1	the relation of opposition along a diameter
antipode	n	1	direct opposite
antipodean	a	1	relating to the antipodes or situated at opposite sides of the e
antipodes	n	1	any two places or regions on diametrically opposite sides of the
camera tripod	n	1	a tripod used to support a camera
dipodidae	n	1	Old World jerboas
dipodomys	n	1	kangaroo rats
dipodomys ordi	n	1	most widely distributed kangaroo rat: plains and mountain areas
dipodomys phillipsii	n	1	any of various leaping rodents of desert regions of North Americ
family dipodidae	n	1	Old World jerboas
genus dipodomys	n	1	kangaroo rats
genus microdipodops	n	1	kangaroo mice
hemipode	n	1	small quail-like terrestrial bird of southern Eurasia and northe
ipod	n	1	(trademark) a pocket-sized device used to play music files
microdipodops	n	1	kangaroo mice

order amphipoda	n	1	small flat-bodied semiterrestrial crustaceans: whale lice; sand-
tripod	n	1	a three-legged rack used for support
video ipod	n	1	(trademark) an iPod that can also play video files

synset members

synset members

SELECT synsetid,pos,GROUP_CONCAT(lemma),SUBSTRING(definition FROM 1 FOR 60) FROM synsets LEFT JOIN senses USING (synsetid) LEFT JOIN words USING (wordid) WHERE synsetid IN (200693431,201780873,201781131,201828678,201829904,113796604,105566889,201429048) GROUP BY synsetid

members of synsets "want" belongs to

SELECT y.synsetid,y.pos,GROUP_CONCAT(sw2.lemma),SUBSTRING(definition FROM 1 FOR 60) FROM words AS sw LEFT JOIN senses AS s USING (wordid) LEFT JOIN synsets AS y USING (synsetid) LEFT JOIN senses AS s2 ON (y.synsetid = s2.synsetid) LEFT JOIN words AS sw2 ON (sw2.wordid = s2.wordid) WHERE sw.lemma = 'want' GROUP BY synsetid

synsetid	pos	GROUP_CONCAT(sw2.lemma)	SUBSTRING(definition FROM 1 FOR 60)
107494674	n	wish,wishing,want	a specific feeling of desire
109375826	n	need,want	anything that is necessary but lacking
114431523	n	deficiency,lack,want	the state of needing something that is absent or unavailable
114475427	n	privation,want,neediness,deprivation	a state of extreme poverty
200708163	v	want	wish or demand the presence of
201186647	v	need,require,want	have need of
201315386	v	want	hunt or look for; want for a particular reason
201824043	v	desire,want	feel or have a desire for; want strongly
202632893	v	want	be without, lack; be deficient in

synonyms

synonyms for "want"

SELECT y.synsetid,y.pos,GROUP_CONCAT(sw2.lemma),SUBSTRING(definition FROM 1 FOR 60) FROM words AS sw LEFT JOIN senses AS s USING (wordid) LEFT JOIN synsets AS y USING (synsetid) LEFT JOIN senses AS s2 ON (y.synsetid = s2.synsetid) LEFT JOIN words AS sw2 ON (sw2.wordid = s2.wordid) WHERE sw.lemma = 'want' AND sw.wordid <> sw2.wordid GROUP BY synsetid

synsetid	pos	GROUP_CONCAT(sw2.lemma)	SUBSTRING(definition FROM 1 FOR 60)
107494674	n	wish,wishing	a specific feeling of desire
109375826	n	need	anything that is necessary but lacking
114431523	n	deficiency,lack	the state of needing something that is absent or unavailable
114475427	n	deprivation,neediness,privation	a state of extreme poverty
201186647	v	need,require	have need of
201824043	v	desire	feel or have a desire for; want strongly

semantical links

get words semantically-linked to "horse"

SELECT s.sensenum,sw.lemma,link,dw.lemma AS linkedlemma,SUBSTRING(definition FROM 1 FOR 60) FROM semlinks AS s ON (l.synsetlid = s.synsetlid) LEFT JOIN words AS sw ON s.wordid = sw.wordid LEFT JOIN synsets AS sy ON (l.synsetlid = sy.synsetlid) LEFT JOIN senses AS d ON (l.synset2id = d.synset2id) LEFT JOIN words AS dw ON d.wordid = dw.wordid LEFT JOIN linktypes USING (linkid) WHERE sw.lemma = 'horse' ORDER BY linkid,s.sensenum

sensenum	lemma	link	linkedlemma	SUBSTRING(definition FROM 1 FOR 60)
1	horse	hypernym	equine	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hypernym	equid	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hypernym	supply	provide with a horse or horses
1	horse	hypernym	provide	provide with a horse or horses
1	horse	hypernym	ply	provide with a horse or horses
1	horse	hypernym	cater	provide with a horse or horses
2	horse	hypernym	exerciser	a padded gymnastic apparatus on legs
2	horse	hypernym	gymnastic apparatus	a padded gymnastic apparatus on legs
3	horse	hypernym	troops	troops trained to fight on horseback
3	horse	hypernym	soldiery	troops trained to fight on horseback
3	horse	hypernym	military personnel	troops trained to fight on horseback
4	horse	hypernym	framework	a framework for holding wood that is being sawed
4	horse	hypernym	frame	a framework for holding wood that is being sawed
5	horse	hypernym	chessman	a chessman shaped to resemble the head of a horse; can move
5	horse	hypernym	chess piece	a chessman shaped to resemble the head of a horse; can move
1	horse	hyponym	racehorse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	remount	provide with a horse or horses
1	horse	hyponym	steeplechaser	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	stalking-horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	harness horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	workhorse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	post-horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	post horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	poster	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	pacer	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	high stepper	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	stepper	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	chestnut	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	liver chestnut	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	bay	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	sorrel	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	palomino	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	pinto	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	bangtail	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	race horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	mesohippus	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	protohippus	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	eohippus	solid-hoofed herbivorous quadruped domesticated since prehis

1	horse	hyponym	dawn horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	gee-gee	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	stablemate	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	stable companion	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	roan	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	male horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	female horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	mare	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	mount	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	riding horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	saddle horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	pony	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	polo pony	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	wild horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	hack	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	hack	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	jade	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	nag	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	plug	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym	pony	solid-hoofed herbivorous quadruped domesticated since prehis
2	horse	hyponym	side horse	a padded gymnastic apparatus on legs
2	horse	hyponym	vaulting horse	a padded gymnastic apparatus on legs
2	horse	hyponym	buck	a padded gymnastic apparatus on legs
2	horse	hyponym	pommel horse	a padded gymnastic apparatus on legs
2	horse	hyponym	long horse	a padded gymnastic apparatus on legs
4	horse	hyponym	trestle	a framework for holding wood that is being sawed
1	horse	part holonym	horsemeat	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	part holonym	horseflesh	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	part holonym	poll	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	part holonym	gaskin	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	part holonym	withers	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	part holonym	encolure	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	part holonym	horseback	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	part holonym	horse's foot	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	member holonym	foal	solid-hoofed herbivorous quadruped domesticated since prehis
3	horse	member holonym	trooper	troops trained to fight on horseback
3	horse	member holonym	cavalryman	troops trained to fight on horseback
1	horse	member meronym	genus equus	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	member meronym	equus	solid-hoofed herbivorous quadruped domesticated since prehis
3	horse	domain category	war machine	troops trained to fight on horseback
3	horse	domain category	military machine	troops trained to fight on horseback
3	horse	domain category	military	troops trained to fight on horseback
3	horse	domain category	armed services	troops trained to fight on horseback
3	horse	domain category	armed forces	troops trained to fight on horseback

5	horse	domain category	chess game	a chessman shaped to resemble the head of a horse; can move
5	horse	domain category	chess	a chessman shaped to resemble the head of a horse; can move

get hypemynyms for "horse"

SELECT s.sensesum,sw.lemma,link,dw:lemma AS linkedlemma,SUBSTRING(definition FROM 1 FOR 60) FROM semlinks AS l LEFT JOIN senses AS s ON (l.synsetlid = s.synsetlid) LEFT JOIN words AS sw ON s.wordid = sw.wordid LEFT JOIN synsets AS sy ON (l.synsetlid = sy.synsetid) LEFT JOIN senses AS d ON (l.synset2id = d.synsetid) LEFT JOIN words AS dw ON d.wordid = dw.wordid LEFT JOIN linktypes USING (linkid) WHERE sw.lemma = 'horse' AND linkid=1 AND sy.pos='n' ORDER BY linkid,s.sensesum

sensesum	lemma	link	linkedlemma	SUBSTRING(definition FROM 1 FOR 60)
1	horse	hypernym equid		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hypernym equine		solid-hoofed herbivorous quadruped domesticated since prehis
2	horse	hypernym exerciser		a padded gymnastic apparatus on legs
2	horse	hypernym gymnastic apparatus		a padded gymnastic apparatus on legs
3	horse	hypernym military personnel		troops trained to fight on horseback
3	horse	hypernym soldiery		troops trained to fight on horseback
3	horse	hypernym troops		troops trained to fight on horseback
4	horse	hypernym frame		a framework for holding wood that is being sawed
4	horse	hypernym framework		a framework for holding wood that is being sawed
5	horse	hypernym chess piece		a chessman shaped to resemble the head of a horse; can move
5	horse	hypernym chessman		a chessman shaped to resemble the head of a horse; can move

get hyponyms for "horse"

SELECT s.sensesum,sw.lemma,link,dw:lemma AS linkedlemma,SUBSTRING(definition FROM 1 FOR 60) FROM semlinks AS l LEFT JOIN senses AS s ON (l.synsetlid = s.synsetlid) LEFT JOIN words AS sw ON s.wordid = sw.wordid LEFT JOIN synsets AS sy ON (l.synsetlid = sy.synsetid) LEFT JOIN senses AS d ON (l.synset2id = d.synsetid) LEFT JOIN words AS dw ON d.wordid = dw.wordid LEFT JOIN linktypes USING (linkid) WHERE sw.lemma = 'horse' AND linkid=2 AND sy.pos='n' ORDER BY linkid,s.sensesum

sensesum	lemma	link	linkedlemma	SUBSTRING(definition FROM 1 FOR 60)
1	horse	hyponym roan		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym stable companion		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym stablemate		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym gee-gee		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym dawn horse		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym eohippus		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym mesohippus		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym protohippus		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym male horse		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym female horse		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym mare		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym mount		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym riding horse		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym saddle horse		solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym pony		solid-hoofed herbivorous quadruped domesticated since prehis

1	horse	hyponym polo pony	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym wild horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym hack	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym hack	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym jade	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym nag	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym plug	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym pony	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym bangtail	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym race horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym race horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym steeplechaser	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym stalking-horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym harness horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym workhorse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym post-horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym post horse	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym poster	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym pacer	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym high stepper	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym stepper	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym chestnut	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym liver chestnut	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym bay	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym sorrel	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym palomino	solid-hoofed herbivorous quadruped domesticated since prehis
1	horse	hyponym pinto	solid-hoofed herbivorous quadruped domesticated since prehis
2	horse	hyponym pommel horse	a padded gymnastic apparatus on legs
2	horse	hyponym side horse	a padded gymnastic apparatus on legs
2	horse	hyponym buck	a padded gymnastic apparatus on legs
2	horse	hyponym long horse	a padded gymnastic apparatus on legs
2	horse	hyponym vaulting horse	a padded gymnastic apparatus on legs
4	horse	hyponym trestle	a framework for holding wood that is being sawed

get words semantically-linked to "horse" grouped by type

SELECT s.sensenum,sw.lemma,link,GROUP_CONCAT(dw.lemma) AS linkedlemma,SUBSTRING(definition FROM 1 FOR 60) FROM semlinks AS l LEFT JOIN senses AS s ON (l.synset1id = s.synsetid) LEFT JOIN words AS sw ON s.wordid = sw.wordid LEFT JOIN synsets AS sy ON (l.synset1id = sy.synsetid) LEFT JOIN senses AS d ON (l.synset2id = d.synsetid) LEFT JOIN words AS dw ON d.wordid = dw.wordid LEFT JOIN linktypes USING (linkid) WHERE sw.lemma = 'horse' GROUP BY linkid, link, s.sensenum, sw.lemma, definition ORDER BY linkid,s.sensenum				
sensenum	lemma	link	linkedlemma	SUBSTRING(definition FROM 1 FOR 60)
1	horse	hypernym supply,provide,ply,cater		provide with a horse or horses
				solid-hoofed herbivorous

1	horse	hypernym	equine, equid		quadruped domesticated since prehiss
2	horse	hypernym	gymnastic apparatus, exerciser		a padded gymnastic apparatus on legs
3	horse	hypernym	troops, soldiery, military personnel		troops trained to fight on horseback
4	horse	hypernym	framework, frame		a framework for holding wood that is being sawed
5	horse	hypernym	chessman, chess piece		a chessman shaped to resemble the head of a horse; can move
1	horse	hyponym	remount		provide with a horse or horses
1	horse	hyponym	pinto, post-horse, post horse, poster, pacer, stepper, chestnut, liver chestnut, bay, sorrel, palomino, high stepper, male horse, roan, stable companion, protohippus, mesohippus, eohippus, stablemate, dawn horse, gee-gee, harness horse, female horse, mare, mount, riding horse, saddle horse, pony, polo pony, wild horse, hack, hack, nag, workhorse, stalking-horse, steeplechaser, racehorse, bangtail, pony, plug, jade		solid-hoofed herbivorous quadruped domesticated since prehiss
2	horse	hyponym	pommel horse, side horse, buck, long horse, vaulting horse		a padded gymnastic apparatus on legs
4	horse	hyponym	trestle		a framework for holding wood that is being sawed
1	horse	part holonym	horse's foot, withers, horseback, enclosure, horsemeat, horseflesh, poll, gaskin		solid-hoofed herbivorous quadruped domesticated since prehiss
1	horse	member holonym	foal		solid-hoofed herbivorous quadruped domesticated since prehiss
3	horse	member holonym	cavalryman, trooper		troops trained to fight on horseback
1	horse	member meronym	genus equus, equus		solid-hoofed herbivorous quadruped domesticated since prehiss
3	horse	domain category	armed forces, armed services, military, military machine, war machine		troops trained to fight on horseback
5	horse	domain category	chess game, chess		a chessman shaped to resemble the head of a horse; can move

lexical links

get words lexically-linked to "black"

SELECT s.sensenum,sw.lemma,sy.pos,link,dw.lemma AS linkedlemma,SUBSTRING(definition FROM 1 FOR 60) FROM lexlinks AS l LEFT JOIN senses AS s ON (l.synset1id = s.synset1id AND l.word1id = s.word1id) LEFT JOIN words AS sw ON s.word1id = sw.word1id LEFT JOIN synsets AS sy ON (l.synset1id = sy.synset1id) LEFT JOIN senses AS d ON (l.synset2id = d.synset2id AND l.word2id = d.word2id) LEFT JOIN words AS dw ON d.word1id = dw.word1id LEFT JOIN linktypes USING (linkid) WHERE sw.lemma = 'black' ORDER BY linkid,sy.pos,s.sensenum					
sensenum	lemma	pos	link	linkedlemma	SUBSTRING(definition FROM 1 FOR 60)
4	black	n	antonym	white	the quality or state of the achromatic color of least lightn

6	black	n	antonym	white	(board games) the darker pieces
1	black	a	antonym	white	being of the achromatic color of maximum darkness; having li
2	black	a	antonym	white	of or belonging to a racial group especially of sub-Saharan
4	black	n	derivation	black	the quality or state of the achromatic color of least lightn
1	black	v	derivation	black	make or become black
1	black	a	derivation	blackness	being of the achromatic color of maximum darkness; having li
5	black	s	derivation	blackness	(of coffee) without cream or sugar
6	black	s	derivation	blackness	soiled with dirt or soot
12	black	s	derivation	blackness	extremely dark

get antonym to adjective "black"

SELECT s.sensesum,sw.lemma,sy.pos,link,dw,lemma AS linkedlemma,SUBSTRING(definition FROM 1 FOR 60) FROM lexlinks AS l LEFT JOIN senses AS s ON (l.synsetlid = s.synsetid AND l.wordlid = s.wordid) LEFT JOIN words AS sw ON s.wordid = sw.wordid LEFT JOIN synsets AS sy ON (l.synsetlid = sy.synsetid) LEFT JOIN senses AS d ON (l.synset2id = d.synsetid AND l.word2id = d.wordid) LEFT JOIN words AS dw ON d.wordid = dw.wordid LEFT JOIN linktypes USING (linkid) WHERE sw.lemma = 'black' AND linkid=30 AND sy.pos='a' ORDER BY linkid,s.sensesum

sensesum	lemma	pos	link	linkedlemma	SUBSTRING(definition FROM 1 FOR 60)
1	black	a	antonym	white	being of the achromatic color of maximum darkness; having li
2	black	a	antonym	white	of or belonging to a racial group especially of sub-Saharan

WordNet (cardinality)

general

synset having N words (1..28)

SELECT MIN(N),MAX(N) FROM (SELECT COUNT(wordid) AS N FROM synsets LEFT JOIN senses USING(synsetid) GROUP BY synsetid) AS C		
MIN(N)	MAX(N)	
1	28	

word having N synset (1..75)

SELECT MIN(N),MAX(N) FROM (SELECT COUNT(synsetid) AS N FROM words LEFT JOIN senses USING(wordid) GROUP BY wordid) AS C		
MIN(N)	MAX(N)	
1	75	

morphology

morph having N words (1..3)

SELECT MIN(N),MAX(N) FROM (SELECT COUNT(wordid) AS N FROM morphs LEFT JOIN morphmaps USING(morphid) GROUP BY morphid) AS C		
MIN(N)	MAX(N)	
1	2	

word having N morphs (0..7)

SELECT MIN(N),MAX(N) FROM (SELECT COUNT(morphid) AS N FROM words LEFT JOIN morphmaps USING(wordid) GROUP BY wordid) AS C		
MIN(N)	MAX(N)	
0	7	

verb frames

sense having N vframes (0..8)

SELECT MIN(N),MAX(N) FROM (SELECT COUNT(frameid) AS N FROM senses LEFT JOIN vframemaps USING(wordid,synsetid) GROUP BY synsetid,wordid) AS C		
MIN(N)	MAX(N)	
0	8	

vframe having N senses (1..801)

SELECT MIN(N),MAX(N) FROM (SELECT COUNT(CONCAT(wordid,synsetid)) AS N FROM vframes LEFT JOIN vframemaps USING(frameid) GROUP BY frameid) AS C		
--	--	--

MIN(N)	MAX(N)
5	13244

veriframe sentences

sense having N vframesentences (0..8)

SELECT MIN(N),MAX(N) FROM (SELECT COUNT(sentenceid) AS N FROM senses LEFT JOIN vframesentencemaps USING(wordid,synsetid) GROUP BY synsetid,wordid) AS C

MIN(N)	MAX(N)
0	4

vframesentences having N senses (1..801)

SELECT MIN(N),MAX(N) FROM (SELECT COUNT(CONCAT(wordid,synsetid)) AS N FROM vframesentences LEFT JOIN vframesentencemaps USING(sentenceid) GROUP BY sentenceid) AS C

MIN(N)	MAX(N)
0	295

WordNet (cased forms)

cased forms

SELECT * FROM words WHERE lemma = 'neolithic'

wordid	lemma
92101	neolithic

SELECT * FROM words INNER JOIN casedwords USING (wordid) WHERE lemma = 'neolithic'

wordid	lemma	casedwordid	cased
92101	neolithic	23321	Neolithic

SELECT * FROM words INNER JOIN casedwords USING (wordid) WHERE lemma = 'shakespeare'

wordid	lemma	casedwordid	cased
122029	shakespeare	30517	Shakespeare

SELECT * FROM words INNER JOIN casedwords USING (wordid) WHERE cased = 'shaKEspeare'

SELECT * FROM words INNER JOIN casedwords USING (wordid) WHERE cased = 'Shakespeare'

wordid	lemma	casedwordid	cased
122029	shakespeare	30517	Shakespeare

SELECT * FROM words INNER JOIN casedwords USING (wordid) WHERE lemma = 'am'

wordid	lemma	casedwordid	cased
4545	am	125	AM
4545	am	1343	Am

SELECT * FROM words LEFT JOIN casedwords USING (wordid) WHERE lemma = 'abolition'

wordid	lemma	casedwordid	cased
640	abolition		

SELECT cased,definition FROM senses INNER JOIN casedwords USING (wordid,casedwordid) INNER JOIN synsets USING (synsetid) WHERE cased = 'Jackson'

cased	definition
Jacksonia	town in south central Michigan
Jackson	capital of the state of Mississippi on the Pearl River
Jacksonia	town in western Tennessee
Jacksonia	town in western Wyoming
Jackson	7th president of the US; successfully defended New Orleans from the British in 1815; expanded the power of the presidency (1767-1845)
Jackson	general in the Confederate Army during the American Civil War whose troops at the first Battle of Bull Run stood like a stone wall (1824-1863)

Jackson	United States writer of romantic novels about the unjust treatment of Native Americans (1830-1885)
Jackson	United States civil rights leader who led a national campaign against racial discrimination and ran for presidential nomination (born in 1941)
Jackson	United States singer who did much to popularize gospel music (1911-1972)
Jackson	United States singer who began singing with his four brothers and later became a highly successful star during the 1980s (born in 1958)
Jackson	English film actress who later became a member of British Parliament (born in 1936)

SELECT cased,definition FROM senses INNER JOIN casedwords USING (wordid,casedwordid) INNER JOIN synsets USING (synsetid) WHERE cased='C'

cased	definition
C	a degree on the centigrade scale of temperature
C	the 3rd letter of the Roman alphabet
C	street names for cocaine
C	a vitamin found in fresh fruits (especially citrus fruits) and vegetables; prevents scurvy
C	one of the four nucleotides used in building DNA, also known as also known as deoxycytidylate, or dCMP; all four nucleotides have a common phosphate group and a sugar (ribose)
C	a base found in DNA and RNA and derived from pyrimidine; pairs with guanine
C	an abundant nonmetallic tetravalent element occurring in three allotropic forms: amorphous carbon and graphite and diamond; occurs in all organic compounds
C	ten 10s
C	a unit of electrical charge equal to the amount of charge transferred by a current of 1 ampere in 1 second
C	a general-purpose programming language closely associated with the UNIX operating system
C	(music) the keynote of the scale of C major

SELECT lemma,cased,SUBSTRING(definition FROM 1 FOR 64) FROM senses INNER JOIN words USING (wordid) LEFT JOIN casedwords USING (wordid,casedwordid) INNER JOIN synsets USING (synsetid) WHERE lemma='C'

lemma	cased	SUBSTRING(definition FROM 1 FOR 64)
c	C	a degree on the centigrade scale of temperature
c	C	the 3rd letter of the Roman alphabet
c	C	street names for cocaine
c	C	a vitamin found in fresh fruits (especially citrus fruits) and v
c	C	one of the four nucleotides used in building DNA, also known as
c	C	a base found in DNA and RNA and derived from pyrimidine; pairs w
c	C	an abundant nonmetallic tetravalent element occurring in three a
c	C	ten 10s
c	C	a unit of electrical charge equal to the amount of charge transf
c	C	a general-purpose programing language closely associated with th
c	C	(music) the keynote of the scale of C major
c		the speed at which light travels in a vacuum; the constancy and
c		being ten more than ninety

lemma having several cased forms

SELECT wordid,COUNT(casedwordid) AS N,GROUP_CONCAT(cased) FROM casedwords GROUP BY wordid HAVING N > 1 ORDER BY N DESC

wordid	N	GROUP_CONCAT(cased)
90753	2	Mv,mV

104990	2	PO,Po	
104959	2	PM,Pm	
100561	2	PB,Pb	
98499	2	PA,Pa	
97384	2	OS,Os	
94733	2	OB,Ob	
94300	2	NP,Np	
91756	2	NE,Ne	
91753	2	ND,Nd	
91748	2	NB,Nb	
106761	2	PR,Pr	
89932	2	MT,Mt	
89922	2	MS,Ms	
88341	2	MO,Mo	
88331	2	MN,Mn	
87296	2	MIDI,Midi	
85443	2	MD,Md	
85412	2	MB,Mb	
84283	2	MArch,March	
84179	2	MAO,Mao	
123098	2	SI,Si	
151398	2	ZB,Zb	
151238	2	Young Turk,young Turk	
150903	2	YB,Yb	
146700	2	WAC,Wac	
139667	2	Trojan Horse,Trojan horse	
134597	2	TC,Tc	
134594	2	TB,Tb	
126018	2	SoHo,Soho	
125101	2	SM,Sm	
123291	2	Siege of Syracuse,siege of Syracuse	
82679	2	MA,mA	
119916	2	SE,Se	
118837	2	SC,Sc	
118833	2	SB,Sb	
115483	2	RN,Rn	
114612	2	RH,Rh	
114609	2	RF,Rf	
111395	2	RAM,Ram	
110859	2	RA,Ra	
109284	2	PU,Pu	
10785	2	BA,Ba	
28700	2	Common Era,Common era	
27299	2	CO,Co	
25436	2	Christian Church,Christian church	

23579	2	CF,Cf
22879	2	CE,Ce
22863	2	CD,Cd
19632	2	CA,Ca
17243	2	BR,Br
15063	2	Black Maria,black Maria
12642	2	Battle of Verdun,battle of Verdun
34966	2	Db,dB
9928	2	AU,Au
8871	2	Ashcan School,Ashcan school
8706	2	AS,As
7456	2	AR,Ar
6129	2	Anno Domini,anno Domini
4545	2	AM,Am
3793	2	ALGOL,Algol
3311	2	AL,Al
899	2	AC,Ac
51355	2	FM,Fm
76920	2	LA,La
76716	2	KR,Kr
75569	2	KB,kB
72654	2	IR,Ir
69875	2	IN,In
65614	2	HF,Hf
59183	2	GI,Gi
54671	2	GD,Gd
54665	2	GB,Gb
53781	2	GA,Ga
421	2	AB,Ab
50523	2	FL,Fl
47038	2	Fall of Man,Fall of man
45253	2	EU,Eu
44576	2	ER,Er
41603	2	EB,Eb
40710	2	DS,Ds
39679	2	DOS,DoS
34975	2	DDI,ddl
34974	2	DDC,ddC

senses having a cased form

SELECT COUNT(*) FROM senses WHERE NOT ISNULL(casedwordid)

COUNT(*)
45923

words having a cased form

SELECT COUNT(*) FROM words INNER JOIN casedwords USING (wordid)

COUNT(*)
42720

WordNet (dictionary-like, with views)

dictionary

"want" entry

SELECT lemma,pos,senseenum,synsetid,SUBSTRING(definition FROM 1 FOR 64),SUBSTRING(sampleset FROM 1 FOR 50) FROM dict WHERE lemma = 'want' ORDER BY pos,senseenum

lemma	pos	senseenum	synsetid	SUBSTRING(definition FROM 1 FOR 64)	SUBSTRING(sampleset FROM 1 FOR 50)
want	n	1	114475427	a state of extreme poverty	
want	n	2	114431523	the state of needing something that is absent or unavailable	there is a serious lack of insight into the proble
want	n	3	109375826	anything that is necessary but lacking	he had sufficient means to meet his simple needs I
want	n	4	107494674	a specific feeling of desire	he got his wish he was above all wishing and desir
want	v	1	201824043	feel or have a desire for; want strongly	I want to go home now I want my own room
want	v	2	201186647	have need of	This piano wants the attention of a competent tune
want	v	3	201315386	hunt or look for; want for a particular reason	Your former neighbor is wanted by the FBI Uncle Sa
want	v	4	200708163	wish or demand the presence of	I want you here at noon!
want	v	5	202632893	be without, lack; be deficient in	want courtesy want the strength to go on living fl

"like" verb entry

SELECT lemma,pos,senseenum,synsetid,SUBSTRING(definition FROM 1 FOR 64),SUBSTRING(sampleset FROM 1 FOR 50) FROM dict WHERE lemma = 'like' AND pos = 'v' ORDER BY pos,senseenum

lemma	pos	senseenum	synsetid	SUBSTRING(definition FROM 1 FOR 64)	SUBSTRING(sampleset FROM 1 FOR 50)
like	v	1	201823549	prefer or wish to do something	Do you care to try this dish? Would you like to co
like	v	2	201775838	find enjoyable or agreeable	I like jogging She likes to read Russian novels
like	v	3	201775565	be fond of	I like my nephews
like	v	4	200690686	feel about or towards; consider, evaluate, or regard	How did you like the President's speech last night
like	v	5	201824762	want to have	I'd like a beer now!

"want" as verb entry

SELECT lemma,pos,senseenum,synsetid,SUBSTRING(definition FROM 1 FOR 64),SUBSTRING(sampleset FROM 1 FOR 50) FROM dict WHERE lemma = 'want' AND pos = 'v' ORDER BY pos,senseenum

lemma	pos	senseenum	SUBSTRING(definition FROM 1 FOR 64)	SUBSTRING(sampleset FROM 1 FOR 50)
want	v	1	feel or have a desire for; want strongly	I want to go home now I want my own room
want	v	2	have need of	This piano wants the attention of a competent tune
want	v	3	hunt or look for; want for a particular reason	Your former neighbor is wanted by the FBI Uncle Sa
want	v	4	wish or demand the presence of	I want you here at noon!
want	v	5	be without, lack; be deficient in	want courtesy want the strength to go on living fl

"want" as noun with tag information

SELECT lemma,pos,sensenum,tagcount,SUBSTRING(defintion FROM 1 FOR 64) FROM dict WHERE lemma = 'want' ORDER BY pos,sensenum

lemma	pos	sensenum	tagcount	SUBSTRING(defintion FROM 1 FOR 64)
want	n	1	3	a state of extreme poverty
want	n	2	1	the state of needing something that is absent or unavailable
want	n	3	1	anything that is necessary but lacking
want	n	4	1	a specific feeling of desire
want	v	1	389	feel or have a desire for; want strongly
want	v	2	15	have need of
want	v	3	3	hunt or look for; want for a particular reason
want	v	4	2	wish or demand the presence of
want	v	5	0	be without, lack; be deficient in

starting with "fear"

SELECT lemma,pos,sensenum,SUBSTRING(defintion FROM 1 FOR 64) FROM dict WHERE lemma LIKE 'fear%' ORDER BY lemma,pos,sensenum

lemma	pos	sensenum	SUBSTRING(defintion FROM 1 FOR 64)
fear	n	1	an emotion experienced in anticipation of some specific pain or
fear	n	2	an anxious feeling
fear	n	3	a feeling of profound respect for someone or something
fear	v	1	be afraid or feel anxious or apprehensive about a possible or pr
fear	v	2	be afraid or scared of; be frightened of
fear	v	3	be sorry; used to introduce an unpleasant statement
fear	v	4	be uneasy or apprehensive about
fear	v	5	regard with feelings of respect and reverence; consider hallowed
fearful	a	1	lacking courage; ignobly timid and faint-hearted
fearful	s	2	experiencing or showing fear
fearful	s	3	causing fear or dread or terror
fearful	s	4	extremely distressing
fearful	s	5	timid by nature or revealing timidity
fearfully	r	1	in fear
fearfully	r	2	in an alarming manner
fearfulness	n	1	an emotion experienced in anticipation of some specific pain or
fearfulness	n	2	the trait of being afraid
fearless	a	1	oblivious of dangers or perils or calmly resolute in facing them
fearless	s	2	invulnerable to fear or intimidation
fearlessly	r	1	without fear
fearlessness	n	1	feeling no fear
fearlessness	n	2	the trait of feeling no fear
fearsome	s	1	causing fear or dread or terror
fearsomely	r	1	in a fearsome manner

ending with "wards"

SELECT lemma,pos,sensenum,SUBSTRING(definition FROM 1 FOR 64) FROM dict WHERE lemma LIKE '%wards' ORDER BY lemma,pos,sensenum

lemma	pos	sensenum	SUBSTRING(definition FROM 1 FOR 64)
afterwards	r	1	happening at a time subsequent to a reference time
backwards	r	1	at or to or toward the back or rear
backwards	r	2	in a manner or order or direction the reverse of normal
bend over backwards	v	1	try very hard to please someone
downwards	r	1	spatially or metaphorically from a higher to a lower level or po
eastwards	r	1	toward the east
edwards	n	1	American theologian whose sermons and writings stimulated a peri
fall over backwards	v	1	try very hard to please someone
forwards	r	1	at or to or toward the front; forward
forwards	r	2	in a forward direction
frontwards	r	1	at or to or toward the front; forward
heavenwards	r	1	toward heaven
homewards	r	1	toward home
inwards	r	1	to or toward the inside of
inwards	r	2	toward the center or interior
jonathan edwards	n	1	American theologian whose sermons and writings stimulated a peri
landwards	r	1	toward land
northwards	r	1	in a northern direction
onwards	r	1	in a forward direction
outwards	r	1	toward the outside
rearwards	r	1	at or to or toward the back or rear
seawards	r	1	in the direction of the sea
sidewards	r	1	toward one side
skywards	r	1	toward the sky
soar upwards	v	1	rise rapidly
southwards	r	1	toward the south
spacewards	r	1	towards outer space
upwards	r	1	spatially or metaphorically from a lower to a higher position
upwards	r	2	to a later time
westwards	r	1	toward the west

containing "ipod"

SELECT lemma,pos,sensenum,SUBSTRING(definition FROM 1 FOR 64) FROM dict WHERE lemma LIKE '%ipod%' ORDER BY lemma,pos,sensenum

lemma	pos	sensenum	SUBSTRING(definition FROM 1 FOR 64)
amphipod	n	1	a kind of malacostracan crustacean
amphipoda	n	1	small flat-bodied semiterrestrial crustaceans: whale lice; sand-
antipodal	n	1	the relation of opposition along a diameter
antipodal	a	1	relating to the antipodes or situated at opposite sides of the e
antipodal opposition	n	1	the relation of opposition along a diameter
antipode	n	1	direct opposite

antipodean	a	1	relating to the antipodes or situated at opposite sides of the e
antipodes	n	1	any two places or regions on diametrically opposite sides of the
camera tripod	n	1	a tripod used to support a camera
dipodidae	n	1	Old World jerboas
dipodomys	n	1	kangaroo rats
dipodomys ordi	n	1	most widely distributed kangaroo rat: plains and mountain areas
dipodomys phillipsii	n	1	any of various leaping rodents of desert regions of North Americ
family dipodidae	n	1	Old World jerboas
genus dipodomys	n	1	kangaroo rats
genus microdipodops	n	1	kangaroo mice
hemipode	n	1	small quail-like terrestrial bird of southern Eurasia and northe
ipod	n	1	(trademark) a pocket-sized device used to play music files
microdipodops	n	1	kangaroo mice
order amphipoda	n	1	small flat-bodied semiterrestrial crustaceans: whale lice; sand-
tripod	n	1	a three-legged rack used for support
video ipod	n	1	(trademark) an iPod that can also play video files

staring with "rhino", ending with "s"

SELECT lemma,pos,sensenum,SUBSTRING(definition FROM 1 FOR 64) FROM dict WHERE lemma LIKE 'rhino%s' ORDER BY lemma,pos,sensenum

lemma	pos	sensenum	SUBSTRING(definition FROM 1 FOR 64)
rhinoceros	n	1	massive powerful herbivorous odd-toed ungulate of southeast Asia
rhinoceros antiquitatis	n	1	extinct thick-haired species of Arctic regions
rhinoceros unicornis	n	1	having one horn
rhinonictoris	n	1	orange horseshoe bats
rhinonictoris aurantius	n	1	a common bat of northwestern Australia having orange or yellow f
rhinoptera bonasus	n	1	large ray found along eastern coast of North America
rhinosporidiosis	n	1	fungal infection of the nose; often acquired while swimming
rhinostenosis	n	1	narrowing of the passages in the nasal cavities
rhinotracheitis	n	1	a respiratory infection of the nose and throat in cattle
rhinovirus	n	1	any of a group of picornaviruses that are responsible for many u

with lexical domain

SELECT lexdomainname,lemma,pos,sensenum,SUBSTRING(definition FROM 1 FOR 64) FROM dict INNER JOIN lexdomains USING(lexdomainid,pos) WHERE lemma LIKE '%ipod%' ORDER BY lexdomainid,lemma,pos,sensenum

lexdomainname	lemma	pos	sensenum	SUBSTRING(definition FROM 1 FOR 64)
adj.pert	antipodal	a	1	relating to the antipodes or situated at opposite sides of the e
adj.pert	antipodean	a	1	relating to the antipodes or situated at opposite sides of the e
noun.animal	amphipod	n	1	a kind of malacostracan crustacean
noun.animal	amphipoda	n	1	small flat-bodied semiterrestrial crustaceans: whale lice; sand-
noun.animal	dipodidae	n	1	Old World jerboas
noun.animal	dipodomys	n	1	kangaroo rats

noun.animal	dipodomys ordi	n	1	most widely distributed kangaroo rat: plains and mountain areas
noun.animal	dipodomys phillipsii	n	1	any of various leaping rodents of desert regions of North Americ
noun.animal	family dipodidae	n	1	Old World jerboas
noun.animal	genus dipodomys	n	1	kangaroo rats
noun.animal	genus microdipodops	n	1	kangaroo mice
noun.animal	hemipode	n	1	small quail-like terrestrial bird of southern Eurasia and northe
noun.animal	microdipodops	n	1	kangaroo mice
noun.animal	order amphipoda	n	1	small flat-bodied semiterrestrial crustaceans: whale lice; sand-
noun.artifact	camera tripod	n	1	a tripod used to support a camera
noun.artifact	ipod	n	1	(trademark) a pocket-sized device used to play music files
noun.artifact	tripod	n	1	a three-legged rack used for support
noun.artifact	video ipod	n	1	(trademark) an iPod that can also play video files
noun.location	antipodes	n	1	any two places or regions on diametrically opposite sides of the
noun.relation	antipodal	n	1	the relation of opposition along a diameter
noun.relation	antipodal opposition	n	1	the relation of opposition along a diameter
noun.relation	antipode	n	1	direct opposite

matching definition

SELECT SUBSTRING(definition FROM 1 FOR 64) FROM synsets WHERE pos= 'n' AND definition LIKE '(trademark)%' LIMIT 20

SUBSTRING(definition FROM 1 FOR 64)

(trademark) a guide dog trained to guide a blind person
(trademark) a pocket-sized device used to play music files
(trademark) an iPod that can also play video files
(trademark) a child's plastic construction set for making mechan
(trademark) an in-line skate
(trademark) a desktop rotary card index with removable cards; us
(trademark) a self-balancing personal transportation device with
(trademark) a pocket-sized stereo system with light weight earph
(trademark) a hollow plastic ball with cutouts
(trademark) an operating system with a graphical user interface
(trademark) a sweet aromatic French wine (red or white) used chi
(trademark) a liquid that temporarily disables a person; prepare
(trademark) a microscopic and traceable identification particle

synset members

SELECT synsetid,pos,GROUP_CONCAT(lemma),SUBSTRING(definition FROM 1 FOR 60) FROM dict WHERE synsetid IN (200693431,201780873,201781131,201828678,201829904) GROUP BY synsetid

synset members

SELECT synsetid,pos,GROUP_CONCAT(lemma),SUBSTRING(definition FROM 1 FOR 60) FROM dict WHERE synsetid IN (300019769,300062885,302506031) GROUP BY synsetid

WordNet (links)

links

all links

SELECT * FROM linktypes ORDER BY linkid			
linkid	link	recurses	
1	hypernym	1	
2	hyponym	1	
3	instance hypernym	1	
4	instance hyponym	1	
11	part holonym	1	
12	part meronym	1	
13	member holonym	1	
14	member meronym	1	
15	substance holonym	1	
16	substance meronym	1	
21	entail	1	
22	is entailed by	1	
23	cause	1	
24	is caused by	1	
30	antonym	0	
40	similar	0	
50	also	0	
60	attribute	0	
70	verb group	0	
71	participle	0	
80	pertainym	0	
81	derivation	0	
91	domain category	0	
92	domain member category	0	
93	domain region	0	
94	domain member region	0	
95	domain usage	0	
96	domain member usage	0	
97	domain	0	
98	member	0	

semantical links

all semantic links

SELECT link, COUNT(*) FROM semlinks LEFT JOIN linktypes USING(linkid) GROUP BY linkid ORDER BY linkid

link	COUNT(*)
hypernym	91454
hyponym	91454
instance hypernym	8589
instance hyponym	8589
part holonym	9201
part meronym	9201
member holonym	12292
member meronym	12292
substance holonym	830
substance meronym	830
entail	408
is entailed by	408
cause	221
is caused by	221
similar	21466
also	2729
attribute	1278
verb group	1746
domain category	6716
domain member category	6716
domain region	1354
domain member region	1354
domain usage	977
domain member usage	977

max semlinks per synset

SELECT synset1id, COUNT(*) AS c, definition FROM semlinks LEFT JOIN synsets AS s ON (s.synsetid = synset1id) GROUP BY synset1id ORDER BY c DESC LIMIT 5

synset1id	c	definition
108528405	671	a large and densely populated urban area; may include several independent administrative districts
108444287	613	the collection of rules imposed by authority
108863900	528	a monarchy in northwestern Europe occupying most of the British Isles; divided into England and Scotland and Wales and Northern Ireland; `Great Britain' is often used loosely to refer to the United Kingdom
100007936	421	a human being; person, singular, assertive existential pronoun; pronoun, person, singular; quantifier: assertive existential
200125757	402	cause to change; make different; cause a transformation

available semantic links for synset

SELECT sy1.synsetid,sy1.definition,link,COUNT(link) FROM semlinks LEFT JOIN synsets AS sy1 ON (sy1.synsetid = synset1id) LEFT JOIN linktypes USING (linkid) WHERE sy1.synsetid = 201612191 GROUP BY linkid

semantic links for "pull"s synsets)

SELECT w1.lemma,sy1.definition,link,GROUP CONCAT(w2.lemma),sy2.definition FROM semlinks LEFT JOIN synsets AS sy1 ON (sy1.synsetid = synset1d) LEFT JOIN synsets AS s1 ON (sy1.synsetid = s1.synsetid) LEFT JOIN words AS w1 ON (s1.wordid = w1.wordid) LEFT JOIN synsets AS sy2 ON (sy2.synsetid = synset2id) LEFT JOIN synsets AS s2 ON (sy2.synsetid = s2.synsetid) LEFT JOIN words AS w2 ON (s2.wordid = w2.wordid) LEFT JOIN linktypes USING(linkid) WHERE w1.lemma = 'pull' GROUP BY sy1.synsetid,w1.lemma,sy1.definition,linkid,link,sy2.synsetid,sy2.definition ORDER BY sy1.synsetid,linkid

lemma	definition	link	GROUP_CONCAT(w2.lemma)	definition
pull	the act of pulling; applying force to move something toward or with you	hypernym	actuation,propulsion	the act of propelling
pull	the act of pulling; applying force to move something toward or with you	hyponym	drag	the act of dragging (pulling with force)
pull	the act of pulling; applying force to move something toward or with you	hyponym	traction	(orthopedics) the act of pulling on a bone or limb (as in a fracture) to relieve pressure or align parts in a special way during healing
pull	the act of pulling; applying force to move something toward or with you	hyponym	pluck	the act of pulling and releasing a taut cord
pull	the act of pulling; applying force to move something toward or with you	hyponym	deracination,excision,extirpation	the act of pulling up or out; uprooting; cutting off from existence
pull	the act of pulling; applying force to move something toward or with you	hyponym	draft,draught,drawing	the act of moving a load by drawing or pulling
pull	the act of pulling; applying force to move something toward or with you	hyponym	jerk,tug	a sudden abrupt pull
pull	the act of pulling; applying force to move something toward or with you	hyponym	draw,haul,haulage	the act of drawing or hauling something
pull	a sustained effort	hypernym	effort,elbow grease,exertion,sweat,travail	use of physical or mental energy; hard work
pull	a slow inhalation (as of tobacco smoke)	hypernym	aspiration,breathing in,inhalation,inspiration,intake	the act of inhaling; the drawing in of air (or other gases) as in breathing
pull	a slow inhalation (as of tobacco smoke)	hyponym	toke	a puff of a marijuana or hashish cigarette
pull	a slow inhalation (as of tobacco smoke)	part meronym	smoke,smoking	the act of smoking tobacco or other substances
pull	a device used for pulling something	hypernym	device	an instrumentality invented for a particular purpose
pull	a device used for pulling something	hyponym	bellpull	a handle or cord that is pulled to ring a doorbell or a servant's bell etc.
pull	a device used for pulling something	hyponym	pull chain	a chain (usually with a handle at the end) that is pulled in order to operate some mechanism (e.g. to flush a toilet)
pull	special advantage or influence	hypernym	advantage,vantage	the quality of having a superior or more favorable position
pull	the force used in pulling	hypernym	force	(physics) the influence that produces a change in a physical quantity
pull	a sharp strain on muscles or ligaments	hypernym	harm,hurt,injury,trauma	any physical damage to the body caused by violence or accident or fracture etc.; the condition of an injury
pull	a sharp strain on muscles or ligaments	hyponym	sprain	a painful injury to a joint caused by a sudden wrenching of its ligaments
pull	strain abnormally	hypernym	injure,wound	cause injuries or bodily harm to
pull	take away	hypernym	remove,take,take away,withdraw	remove something concrete, as by lifting, pushing, or taking off, or remove something abstract
pull	take away	verb group	draw,get out,pull,pull out,take out	bring, take, or pull out of a container or from under a cover
pull	take sides with; align oneself with; show strong sympathy for	hypernym	side	take sides for or against

pull	remove, usually with some force or effort; also used in an abstract sense	hypernym	remove,take,take away,withdraw	remove something concrete, as by lifting, pushing, or taking off, or remove something abstract
pull	remove, usually with some force or effort; also used in an abstract sense	hyponym	squeeze out,wring out	extract (liquid) by squeezing or pressing
pull	remove, usually with some force or effort; also used in an abstract sense	hyponym	demodulate	extract information from a modulated carrier wave
pull	remove, usually with some force or effort; also used in an abstract sense	hyponym	thread	remove facial hair by tying a fine string around it and pulling at the string
pull	remove, usually with some force or effort; also used in an abstract sense	verb group	draw,get out,pull,pull out,take out	bring, take, or pull out of a container or from under a cover
pull	strip of feathers	hypernym	strip	remove the surface from
pull	hit in the direction that the player is facing when carrying through the swing	hypernym	hit	cause to move by striking
pull	hit in the direction that the player is facing when carrying through the swing	domain category	ball,baseball,baseball game	a ball game played with a bat and ball between two teams of nine players; teams take turns at bat trying to score runs
pull	cause to move by pulling	hypernym	displace,move	cause to move or shift into a new position or place, both in a concrete and in an abstract sense
pull	cause to move by pulling	hyponym	pick off,pluck,pull off,tweak	pull or pull out sharply
pull	cause to move by pulling	hyponym	winch	pull or lift up with or as if with a winch
pull	cause to move by pulling	hyponym	jerk,yank	pull, or move with a sudden movement
pull	cause to move by pulling	hyponym	attract,draw,draw in,pull,pull in	direct toward itself or oneself by means of some psychological power or physical attributes
pull	cause to move by pulling	hyponym	cart,drag,hale,haul	draw slowly or heavily
pull	cause to move by pulling	hyponym	drag	pull, as against a resistance
pull	cause to move by pulling	hyponym	pick,pluck,plunk	pull lightly but sharply with a plucking motion
pull	cause to move by pulling	hyponym	tug	pull or strain hard at
pull	cause to move by pulling	hyponym	twitch	move or pull with a sudden motion
pull	cause to move by pulling	hyponym	pull back	move to a rearward position; pull towards the back
pull	cause to move by pulling	hyponym	abduct	pull away from the body
pull	cause to move by pulling	hyponym	stretch	pull in opposite directions
pull	cause to move by pulling	hyponym	adduct	draw a limb towards the body
pull	cause to move by pulling	verb group	pull	apply force so as to cause motion towards the source of the motion
pull	cause to move by pulling	verb group	draw,pull	cause to move in a certain direction by exerting a force upon, either physically or in an abstract sense
pull	direct toward itself or oneself by means of some psychological power or physical attributes	hypernym	draw,pull	cause to move by pulling
pull	direct toward itself or oneself by means of some psychological power or physical attributes	hyponym	bring	attract the attention of
pull	direct toward itself or oneself by means of some psychological power or physical attributes	hyponym	draw in,retract	pull inward or towards a center
pull	direct toward itself or oneself by means of some psychological power or physical attributes	hyponym	arrest,catch,get	attract and fix
pull	direct toward itself or oneself by means of some psychological power or physical attributes	hyponym	tug	pull hard
pull	direct toward itself or oneself by means of some psychological power or physical attributes	verb group	draw in,retract	pull inward or towards a center

pull	direct toward itself or oneself by means of some psychological power or physical attributes	verb group	curl, curl up, draw in	shape one's body into a curl
pull	tear or be torn violently	hypernym	bust, rupture, tear, snap	separate or cause to separate abruptly
pull	apply force so as to cause motion towards the source of the motion	hypernym	force	do forcibly; exert force
pull	apply force so as to cause motion towards the source of the motion	hyponym	draw close	pull towards oneself
pull	apply force so as to cause motion towards the source of the motion	hyponym	draw back, retract, pull back	use a surgical instrument to hold open (the edges of a wound or an organ)
pull	apply force so as to cause motion towards the source of the motion	hyponym	pick at, pluck at, pull at	pluck or pull at with the fingers
pull	apply force so as to cause motion towards the source of the motion	hyponym	hike up, hitch up	pull up
pull	apply force so as to cause motion towards the source of the motion	hyponym	gather	draw and bring closer
pull	apply force so as to cause motion towards the source of the motion	hyponym	twist, wrench	twist or pull violently or suddenly, especially so as to remove (something) from that to which it is attached or from where it originates
pull	apply force so as to cause motion towards the source of the motion	hyponym	attract	exert a force on (a body) causing it to approach or prevent it from moving away
pull	apply force so as to cause motion towards the source of the motion	verb group	pull, draw	cause to move by pulling
pull	rein in to keep from winning a race	hypernym	rein, rein in	stop or check by or as if by a pull at the reins
pull	operate when rowing a boat	hypernym	row	propel with oars
pull	bring, take, or pull out of a container or from under a cover	hypernym	withdraw, take away, take, remove	remove something concrete, as by lifting, pushing, or taking off, or remove something abstract
pull	bring, take, or pull out of a container or from under a cover	hyponym	unsheathe	draw from a sheath or scabbard
pull	bring, take, or pull out of a container or from under a cover	verb group	take out, draw	take liquid out of a container or well
pull	bring, take, or pull out of a container or from under a cover	verb group	pull, tear out, rip out, pull up, pull out, extract, draw out, take out	remove, usually with some force or effort; also used in an abstract sense
pull	bring, take, or pull out of a container or from under a cover	verb group	pull	take away
pull	steer into a certain direction	hypernym	drive	cause someone or something to move by driving
pull	steer into a certain direction	verb group	pull	move into a certain direction
pull	move into a certain direction	hypernym	drive	move by being propelled by a force
pull	move into a certain direction	hyponym	cut in	drive in front of another vehicle leaving too little space for that vehicle to maneuver comfortably
pull	move into a certain direction	verb group	pull	steer into a certain direction
pull	cause to move in a certain direction by exerting a force upon, either physically or in an abstract sense	hypernym	displace, move	cause to move or shift into a new position or place, both in a concrete and in an abstract sense
pull	cause to move in a certain direction by exerting a force upon, either physically or in an abstract sense	verb group	draw, pull	cause to move by pulling

pull	perform an act, usually with a negative connotation	hypernym act,move	perform an action, or work out or perform (an action)
pull	perform an act, usually with a negative connotation	hyponym make	carry out or commit
pull	perform an act, usually with a negative connotation	hyponym recommit	commit once again, as of a crime

available semantic links for "pull"'s synsets)

lemma	synsetid	definition	GROUP_CONCAT(DISTINCT link)
pull	100114811	the act of pulling; applying force to move something toward or with you	hypernym,hyponym
pull	100621380	a sustained effort	hypernym
pull	100832534	a slow inhalation (as of tobacco smoke)	hypernym,hyponym,part meronym
pull	104016505	a device used for pulling something	hypernym,hyponym
pull	105150758	special advantage or influence	hypernym
pull	111494791	the force used in pulling	hypernym
pull	114282490	a sharp strain on muscles or ligaments	hypernym,hyponym
pull	200071737	strain abnormally	hypernym
pull	200570382	take away	hypernym,verb group
pull	201146322	take sides with; align oneself with; show strong sympathy for	hypernym
pull	201349691	remove, usually with some force or effort; also used in an abstract sense	hypernym,hyponym,verb group
pull	201382725	strip of feathers	hypernym
pull	201405406	hit in the direction that the player is facing when carrying through the swing	domain category,hypernym
pull	201446287	cause to move by pulling	hypernym,hyponym,verb group
pull	201503184	direct toward itself or oneself by means of some psychological power or physical attributes	hypernym,hyponym,verb group
pull	201571544	tear or be torn violently	hypernym
pull	201607595	apply force so as to cause motion towards the source of the motion	hypernym,hyponym,verb group
pull	201857665	rein in to keep from winning a race	hypernym
pull	201946235	operate when rowing a boat	hypernym
pull	201994832	bring, take, or pull out of a container or from under a cover	hypernym,hyponym,verb group
pull	202056921	steer into a certain direction	hypernym,verb group
pull	202057080	move into a certain direction	hypernym,hyponym,verb group
pull	202103281	cause to move in a certain direction by exerting a force upon, either physically or in an abstract sense	hypernym,verb group
pull	202583099	perform an act, usually with a negative connotation	hypernym,hyponym

lexical links

all lexical links

SELECT link, COUNT(*) FROM lexlinks LEFT JOIN linktypes USING(linkid) GROUP BY linkid ORDER BY linkid		
link	COUNT(*)	
antonym	7994	
also	1150	

verb group	2
participle	73
pertainym	8069
derivation	74777
domain category	14
domain member category	14
domain region	158
domain member region	158
domain usage	401
domain member usage	401

max lexlinks per synset

SELECT synset1id, word1id, COUNT(*) AS c,lemma,GROUP_CONCAT(DISTINCT link),definition FROM lexlinks LEFT JOIN synsets AS s ON (s.synsetid = synset1id) LEFT JOIN words AS w ON (w.wordid = word1id) LEFT JOIN linktypes USING(linkid) GROUP BY word1id,synset1id ORDER BY c DESC LIMIT 5					
synset1id	word1id	c	lemma	GROUP_CONCAT(DISTINCT link)	definition
106837500	138468	298	trade name	domain member usage	a name given to a product or service
108863900	18016	93	britain	derivation,domain member region	a monarchy in northwestern Europe occupying most of the British Isles; divided into England and Scotland and Wales and Northern Ireland; `Great Britain' is often used loosely to refer to the United Kingdom
106843639	138486	81	trademark	domain member category,domain member usage	a formally registered symbol identifying the manufacturer or distributor of a product
108822826	20547	64	canada	derivation,domain member region	a nation in northern North America; the French were the first Europeans to settle in mainland Canada
100317055	22017	15	carry	derivation	the act of carrying something

word lexical links

SELECT w1.lemma,link,w2.lemma,s1.definition,s2.definition FROM lexlinks LEFT JOIN synsets AS s1 ON (s1.synsetid = synset1id) LEFT JOIN synsets AS s2 ON (s2.synsetid = synset2id) LEFT JOIN words AS w1 ON (w1.wordid = word1id) LEFT JOIN words AS w2 ON (w2.wordid = word2id) LEFT JOIN linktypes USING(linkid) WHERE w1.lemma = 'pull' ORDER BY linkid				
lemma	link	lemma	definition	
pull	antonym	push	cause to move by pulling	move with force
pull	also	pull up	cause to move by pulling	remove, usually with some force or effort; also used in an abstract sense
pull	also	pull out	cause to move by pulling	remove, usually with some force or effort; also used in an abstract sense
pull	also	pull off	cause to move by pulling	pull or pull out sharply
pull	also	pull in	cause to move by pulling	direct toward itself or oneself by means of some psychological power or physical attributes
pull	also	pull down	cause to move by pulling	tear down so as to make flat with the ground
pull	also	pull back	cause to move by pulling	move to a rearward position; pull towards the back
		pull		

pull	also	along	cause to move by pulling	pull along heavily, like a heavy load against a resistance
pull	derivation	pulling	cause to move by pulling	the act of pulling; applying force to move something toward or with you
pull	derivation	pull	perform an act, usually with a negative connotation	a sustained effort
pull	derivation	pull	direct toward itself or oneself by means of some psychological power or physical attributes	the act of pulling; applying force to move something toward or with you
pull	derivation	pull	direct toward itself or oneself by means of some psychological power or physical attributes	a device used for pulling something
pull	derivation	pull	direct toward itself or oneself by means of some psychological power or physical attributes	the force used in pulling
pull	derivation	pull	apply force so as to cause motion towards the source of the motion	the act of pulling; applying force to move something toward or with you
pull	derivation	pull	apply force so as to cause motion towards the source of the motion	the force used in pulling
pull	derivation	puller	apply force so as to cause motion towards the source of the motion	someone who applies force so as to cause motion toward herself or himself
pull	derivation	pulling	apply force so as to cause motion towards the source of the motion	the act of pulling; applying force to move something toward or with you
pull	derivation	pull	the act of pulling; applying force to move something toward or with you	cause to move by pulling
pull	derivation	puller	cause to move by pulling	someone who pulls or tugs or drags in an effort to move something
pull	derivation	pull	cause to move by pulling	the act of pulling; applying force to move something toward or with you
pull	derivation	pull	strain abnormally	a sharp strain on muscles or ligaments
pull	derivation	pull	a sharp strain on muscles or ligaments	strain abnormally
pull	derivation	pull	the force used in pulling	apply force so as to cause motion towards the source of the motion
pull	derivation	pull	the force used in pulling	direct toward itself or oneself by means of some psychological power or physical attributes
pull	derivation	pull	a device used for pulling something	direct toward itself or oneself by means of some psychological power or physical attributes
pull	derivation	pull	a sustained effort	perform an act, usually with a negative connotation
pull	derivation	pull	the act of pulling; applying force to move something toward or with you	apply force so as to cause motion towards the source of the motion
pull	derivation	pull	the act of pulling; applying force to move something toward or with you	direct toward itself or oneself by means of some psychological power or physical attributes

WordNet (misc)

adjective positions

adj having multiple positions

SELECT lemma,COUNT(DISTINCT position) AS N,GROUP_CONCAT(position),GROUP_CONCAT(senseid) FROM adjectiveswithpositions GROUP BY wordid HAVING N >1 ORDER BY N DESC

lemma	N	GROUP_CONCAT(position)	GROUP_CONCAT(senseid)
left	2	p,a	127008,127009
up	2	p,p,p,p,a	203072,203073,203074,203075,203069
true	2	a,a,a,a,p	198312,198313,198314,198315,198306
throwaway	2	p,a	194353,194352
supposed	2	a,p	189128,189125
square	2	a,p	183741,183740
several	2	a,p,a	175025,175027,175026
proper	2	ip,a	158654,158652
previous	2	a,p,a	157390,157392,157391
out	2	p,p,a,a,p,p,p,a	146145,146146,146140,146141,146147,146148,146136,146142
low-density	2	a,p	130477,130478
at rest	2	p,a	48569,48570
leading	2	p,a	126666,126665
in	2	a,p	118268,118269
heavy	2	p,a	112718,112717
gone	2	p,a	108147,108143
downward	2	a,ip	84878,84877
down	2	p,p,p,a,a	84801,84802,84803,84796,84797
dead	2	a,a,p,p	78120,78121,78133,78134
certain	2	p,p,a	64267,64268,64273
big	2	p,a	53769,53770

uses of "out"

SELECT lemma,position,positionname,definition FROM adjectiveswithpositions INNER JOIN adpositiontypes USING (position) WHERE lemma = 'out'

lemma	position	positionname	definition
out	p	predicate	being out or having grown cold
out	p	predicate	knocked unconscious by a heavy blow
out	a	attributive	outside or external
out	a	attributive	directed outward or serving to direct something outward
out	p	predicate	excluded from use or mention
out	p	predicate	not worth considering as a possibility
out	p	predicate	not allowed to continue to bat or run
out	a	attributive	out of power; especially having been unsuccessful in an election

uses of "big"

SELECT lemma,position,positionname,definition FROM adjectiveswithpositions INNER JOIN adpositiontypes USING (position) WHERE lemma = 'big'

lemma	position	positionname	definition
big	p	predicate	in an advanced stage of pregnancy
big	a	attributive	prodigious

WordNet (morphology)

morphology

lemma from morph

SELECT * FROM morphology WHERE morph = 'better'

morphid	wordid	lemma	pos	morph
288	147943	well	r	better

morph from lemma

SELECT * FROM morphology WHERE lemma = 'good'

morphid	wordid	lemma	pos	morph
279	60484	good	a	best

chivy-chevied, chevies, chevying, chivied, chivvied, chivvies, chivvying

SELECT lemma,pos,morph FROM morphmaps INNER JOIN words USING (wordid) INNER JOIN morphs USING (morphid) WHERE lemma = 'chivy'

lemma	pos	morph
chivy	v	chevied
chivy	v	chevies
chivy	v	chevying
chivy	v	chivied
chivy	v	chivvied
chivy	v	chivvies
chivy	v	chivvying

quiz(n,v)-quizzes

SELECT lemma,pos,morph FROM morphmaps INNER JOIN words USING (wordid) INNER JOIN morphs USING (morphid) WHERE lemma = 'quiz'

lemma	pos	morph
quiz	n	quizzes
quiz	v	quizzed
quiz	v	quizzes
quiz	v	quizzing

gas(n,v)-gasses

SELECT lemma,pos,morph FROM morphmaps INNER JOIN words USING (wordid) INNER JOIN morphs USING (morphid) WHERE lemma = 'gas'

lemma	pos	morph
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gas	n	gas
gas	n	gasses
gas	v	gassed
gas	v	gasses
gas	v	gassing

good, well-better

SELECT lemma,pos,morph FROM morphmaps INNER JOIN words USING (wordid) INNER JOIN morphs USING (morphid) WHERE morph = 'better'

lemma	pos	morph
well	r	better

well(a,r)-better

SELECT lemma,pos,morph FROM morphmaps INNER JOIN words USING (wordid) INNER JOIN morphs USING (morphid) WHERE lemma = 'well'

lemma	pos	morph
well	r	best
well	r	better

be-am,are,been,is,was,were

SELECT lemma,pos,morph FROM morphmaps INNER JOIN words USING (wordid) INNER JOIN morphs USING (morphid) WHERE lemma = 'be'

lemma	pos	morph
be	v	am
be	v	are
be	v	been
be	v	is
be	v	was
be	v	were

morphs per lemma

SELECT lemma,COUNT(morph) AS N,GROUP_CONCAT(morph) AS morphs,GROUP_CONCAT(pos) FROM morphology GROUP BY lemma HAVING N > 1 LIMIT 20

lemma	N	morphs	GROUP_CONCAT(pos)
abet	2	abettet,abetting	v,v
abhor	2	abhorred,abhorring	v,v
abut	2	abuttet,abutting	v,v
aby	2	abought,abye	v,v
acquit	2	acquitted,acquitting	v,v
ad-lib	2	ad-libbed,ad-libbing	v,v
admit	2	admitted,admitting	v,v
airy	2	airier,airiest	a,a
allot	2	allotted,allotting	v,v

angry	2	angrier, angriest	a,a
annul	2	annulled, annulling	v,v
antheridium	2	antheridia, antheridia	n,n
arc	2	arcked, arcking	v,v
argali	2	araglis, argali	n,n
arise	2	arisen, arose	v,v
arty	2	artier, artiest	a,a
ashy	2	ashier, ashiest	a,a
aver	2	averred, averring	v,v
awake	2	awoke, awoken	v,v
baby-sit	2	baby-sat, baby-sitting	v,v

lemma per morph

SELECT morph,COUNT(lemma) AS N,GROUP_CONCAT(lemma) AS lemmas,GROUP_CONCAT(pos) FROM morphology GROUP BY morph HAVING N > 1 LIMIT 20

morph	N	lemmas	GROUP_CONCAT(pos)
best	2	good, well	a,r
gasses	2	gas, gas	n,v
quizzes	2	quiz, quiz	n,v

lemma - 3 (or more) morphs

SELECT lemma,COUNT(wordid) AS N,GROUP_CONCAT(morph),GROUP_CONCAT(pos) FROM morphmaps INNER JOIN words USING (wordid) INNER JOIN morphs USING (morphid) GROUP BY wordid HAVING N > 2 ORDER BY N DESC

lemma	N	GROUP_CONCAT(morph)	GROUP_CONCAT(pos)
chivy	7	chevied, chevies, chevying, chivied, chivvies, chivvying	v,v,v,v,v,v,v
be	6	am,are,been,is,was,were	v,v,v,v,v,v
shy	5	shied,shier,shiest,shyer,shyest	v,a,a,a,a
gas	5	gas,gasses,gassed,gasses,gassing	n,n,v,v,v,v
swap	5	swapped,swapping,swopped,swopping,swops	v,v,v,v,v,v
trammel	5	trameled,trameling,tramelled,tramelling,tramels	v,v,v,v,v,v
dry	5	dried,drier,driest,dryer,dryest	v,a,a,a,a,a
wry	4	wrier,wriest,wryer,wryest	a,a,a,a,a
prim	4	primmed,primming,primmer,primmest	v,v,v,a,a
quiz	4	quizzes,quizzed,quizzes,quizzing	n,v,v,v,v
sly	4	slier,sliest,slyer,slyest	a,a,a,a,a
forbid	4	forbad,forbade,forbidden,forbidding	v,v,v,v,v
fit	4	fitted,fitting,fitter,fittest	v,v,v,a,a
fat	4	fatted,fatting,fatter,fattest	v,v,v,a,a
dun	4	dunned,dunning,dunner,dunnest	v,v,v,a,a
tan	4	tanned,tanning,tanner,tannest	v,v,v,a,a
dim	4	dimmed,dimming,dimmer,dimmest	v,v,v,a,a
thin	4	thinned,thinning,thinner,thinnest	v,v,v,a,a
coordinate	4	co-ordinate,co-ordinated,co-ordinates,co-ordinating	v,v,v,v,v

trim	4	trimmed,trimming,trimmer,trimmest	v,v,a,a
wan	4	wanned,wanning,wanner,wannest	v,v,a,a
beget	4	begat,begetting,begot,begotten	v,v,v,v
wet	4	wetted,wetting,wetter,wettest	v,v,a,a
pen	3	penned,penning,pent	v,v,v
lie	3	lain,lay,lying	v,v,v
program	3	programmed,programmes,programming	v,v,v
whiz	3	whizzed,whizzes,whizzing	v,v,v
shit	3	shat,shitted,shitting	v,v,v
shrink	3	shrank,shrunk,shrunk	v,v,v
sink	3	sank,sunk,sunken	v,v,v
smite	3	smit,smitten,smote	v,v,v
spit	3	spat,spitted,spitting	v,v,v
steady	3	steadied,steadier,steadiest	v,a,a
weary	3	wearied,wearier,weariest	v,a,a
underlie	3	underlain,underlay,underlying	v,v,v
transship	3	tranship,transshipped,transshipping	v,v,v
swim	3	swam,swimming,swum	v,v,v
tallith	3	tallaisim,tallithes,tallith	n,n,n
tidy	3	tidied,tidier,tidiest	v,a,a
fancy	3	fancied,fancier,fanciest	v,a,a
bandy	3	bandied,bandier,bandiest	v,a,a
bed	3	bed,bedded,bedding	v,v,v
begin	3	began,beginning,begun	v,v,v
bestride	3	bestrid,bestridden,bestrode	v,v,v
bid	3	bade,bidden,bidding	v,v,v
bloody	3	bloodied,bloodier,bloodiest	v,a,a
busy	3	busied,busier,busiest	v,a,a
cleave	3	cleft,clove,cloven	v,v,v
cry	3	crying,cryings,cried	n,n,v
degas	3	degassed,degasses,degassing	v,v,v
dirty	3	dirtied,dirtier,dirtiest	v,a,a
dizzy	3	dizzied,dizzier,dizziest	v,a,a
empty	3	emptied,emptier,emptiest	v,a,a
overlie	3	overlain,overlay,overlying	v,v,v
forget	3	forgetting,forgot,forgotten	v,v,v
get	3	getting,got,gotten	v,v,v
gin	3	gan,ginned,ginning	v,v,v
go	3	goes,gone,went	n,v,v
grip	3	gripped,gripping,gript	v,v,v
hallah	3	challoth,hallot,halloth	n,n,n
jolly	3	jollied,jollier,jolliest	v,a,a
ban	3	bani,banned,banning	n,v,v
man	3	men,manned,manning	n,v,v
muddy	3	muddied,muddier,muddiest	v,a,a

nonplus	3	nonplussed,nonplusses,nonplussing	v,v,v
os	3	ora,osar,ossa	n,n,n

morph - 2 (or more) lemmas

SELECT morph,COUNT(morphid) AS N ,GROUP_CONCAT(lemma),GROUP_CONCAT(pos) FROM morphmaps INNER JOIN words USING (wordid) INNER JOIN morphs USING (morphid) GROUP BY morphid HAVING N > 1 ORDER BY N DESC

morph	N	GROUP_CONCAT(lemma)	GROUP_CONCAT(pos)
best	2	good,well	a,r
gasses	2	gas,gas	n,v
quizzes	2	quiz,quiz	n,v

morph matching several pos

SELECT lemma,morph,GROUP_CONCAT(pos),COUNT(*) AS N FROM morphmaps INNER JOIN words USING (wordid) INNER JOIN morphs USING (morphid) GROUP BY wordid,morphid HAVING N > 1 ORDER BY N DESC

lemma	morph	GROUP_CONCAT(pos)	N
gas	gasses	n,v	2
quiz	quizzes	n,v	2

WordNet (verbframes)

verbframes

get verb frames for "snow"

lemma	frame	SUBSTRING(definition FROM 1 FOR 32)
snow	Somebody ----s somebody	conceal one's true motives from
snow	It is ----ing	fall as snow

get example sentence for "snow"

lemma	sentence	SUBSTRING(definition FROM 1 FOR 32)
snow	It was %sing all day long	fall as snow

get verb frames for "clean"

lemma	frame	SUBSTRING(definition FROM 1 FOR 32)
clean	Somebody ----s something	clean one's body or parts thereof
clean	Somebody ----s somebody	clean one's body or parts thereof
clean	Somebody ----s	clean one's body or parts thereof
clean	Somebody ----s something	remove unwanted substances from,
clean	Somebody ----s something	remove shells or husks from
clean	Somebody ----s something	remove unwanted substances from
clean	Something ----s something	remove unwanted substances from
clean	Somebody ----s something PP	remove while making clean
clean	Something ----s something	make clean by removing dirt, fil
clean	Somebody ----s something	make clean by removing dirt, fil
clean	Somebody ----s	clean and tidy up the house
clean	Somebody ----s somebody of something	remove all contents or possessio
clean	Somebody ----s PP	remove all contents or possessio
clean	Somebody ----s something	remove all contents or possessio
clean	Something ----s something	remove all contents or possessio
clean	Somebody ----s somebody	deprive wholly of money in a gam
clean	Something ----s	be cleanable
clean	Something is ----ing PP	be cleanable

get example sentence for "clean"

SELECT lemma,sentence,SUBSTRING(definition FROM 1 FOR 32) FROM vframesentencemaps LEFT JOIN vframesentences USING (sentenceid) RIGHT JOIN words USING (wordid) RIGHT JOIN synsets USING (synsetid) WHERE lemma = 'clean' ORDER BY synsetid

lemma	sentence	SUBSTRING(definition FROM 1 FOR 32)
clean	They %s themselves	clean one's body or parts thereof
clean	The chefs %s the vegetables	remove shells or husks from
clean	They %s the snow from the path	remove while making clean
clean	They %s the cape	make clean by removing dirt, fil

get verb frames for "write"

SELECT lemma,frame,SUBSTRING(definition FROM 1 FOR 32) FROM vframemaps INNER JOIN vframes USING (frameid) RIGHT JOIN words USING (wordid) RIGHT JOIN synsets USING (synsetid) WHERE lemma = 'write' ORDER BY synsetid

lemma	frame	SUBSTRING(definition FROM 1 FOR 32)
write	Somebody ----s something	communicate or express by writin
write	Somebody ----s somebody	communicate or express by writin
write	Somebody ----s that CLAUSE	communicate or express by writin
write	Somebody ----s somebody something	communicate or express by writin
write	Somebody ----s something to somebody	communicate or express by writin
write	Somebody ----s	communicate or express by writin
write	Somebody ----s something	record data on a computer
write	Something ----s something	record data on a computer
write	Somebody ----s somebody	communicate (with) in writing
write	Somebody ----s to somebody	communicate (with) in writing
write	Somebody ----s	mark or trace words or symbols o
write	Somebody ----s something	mark or trace words or symbols o
write	Somebody ----s something	create code, write a computer pr
write	Somebody ----s something	produce a literary work
write	Somebody ----s something	write or name the letters that c
write	Somebody ----s	write music
write	Somebody ----s something	write music

get example sentence for "write"

SELECT lemma,sentence,SUBSTRING(definition FROM 1 FOR 32) FROM vframesentencemaps LEFT JOIN vframesentences USING (sentenceid) RIGHT JOIN words USING (wordid) RIGHT JOIN synsets USING (synsetid) WHERE lemma = 'write' ORDER BY synsetid

lemma	sentence	SUBSTRING(definition FROM 1 FOR 32)
write	They %s them the information	communicate or express by writin
write	They %s the information to them	communicate or express by writin
write	Sam and Sue %s the movie	produce a literary work
write	Did he %s his major works over a short period of time?	write music

get verb frames and example sentence grouped by synset for "write"

SELECT lemma,SUBSTRING(definition FROM 1 FOR 32),SUBSTRING(GROUP_CONCAT(frame) FROM 1 FOR 70),SUBSTRING(GROUP_CONCAT(sentence) FROM 1 FOR 32) FROM vframemaps INNER JOIN vframes USING (frameid) LEFT JOIN vframesentencemaps USING (synsetid,wordid) LEFT JOIN vframesentences USING (sentenceid) RIGHT JOIN words USING (wordid) RIGHT JOIN synsets USING (synsetid) WHERE lemma = 'write' GROUP BY synsetid ORDER BY synsetid

lemma	SUBSTRING(definition FROM 1 FOR 32)	SUBSTRING(GROUP_CONCAT(frame) FROM 1 FOR 70)	SUBSTRING(GROUP_CONCAT(sentence) FROM 1 FOR 32)
write	communicate or express by writin	Somebody ----s,Somebody ----s something to somebody,Somebody ----s som	They %s the information to them,
write	record data on a computer	Somebody ----s something,Something ----s something	
write	communicate (with) in writing	Somebody ----s somebody,Somebody ----s to somebody	
write	mark or trace words or symbols o	Somebody ----s,Somebody ----s something	
write	create code, write a computer pr	Somebody ----s something	
write	produce a literary work	Somebody ----s something	Sam and Sue %s the movie
write	write or name the letters that c	Somebody ----s something	
write	write music	Somebody ----s,Somebody ----s something	Did he %s his major works over a

verbframes matching n senses

SELECT frameid,frame,COUNT(*) AS N FROM verbswithframes GROUP BY frameid ORDER BY N DESC

frameid	frame	N
8	Somebody ----s something	13244
2	Somebody ----s	5154
9	Somebody ----s somebody	5082
11	Something ----s something	4901
1	Something ----s	3610
22	Somebody ----s PP	2220
10	Something ----s somebody	2129
4	Something is ----ing PP	1060
21	Somebody ----s something PP	1023
26	Somebody ----s that CLAUSE	678
20	Somebody ----s somebody PP	475
15	Somebody ----s something to somebody	386
14	Somebody ----s somebody something	202
24	Somebody ----s somebody to INFINITIVE	198
28	Somebody ----s to INFINITIVE	192
16	Somebody ----s something from somebody	152
17	Somebody ----s somebody with something	124
33	Somebody ----s VERB-ing	111
31	Somebody ----s something with something	104
6	Something ----s Adjective/Noun	69
7	Somebody ----s Adjective	67
27	Somebody ----s to somebody	64
18	Somebody ----s somebody of something	57
13	Somebody ----s on something	57
5	Something ----s something Adjective/Noun	54

29	Somebody ----s whether INFINITIVE	51
3	It is ----ing	43
34	It ----s that CLAUSE	42
30	Somebody ----s somebody into V-ing something	37
23	Somebody's (body part) ----s	35
19	Somebody ----s something on somebody	34
12	Something ----s to somebody	25
25	Somebody ----s somebody INFINITIVE	19
32	Somebody ----s INFINITIVE	9
35	Something ----s INFINITIVE	5

sense matching n verbframes

SELECT sensekey,definition,COUNT(*) AS N FROM verbswithframes GROUP BY sensekey,definition,senseid ORDER BY N DESC LIMIT 20

sensekey	definition	N
gear_up%2:30:00::	make ready or suitable or equip in advance for a particular purpose or for some use, event, etc	8
prepare%2:30:00::	make ready or suitable or equip in advance for a particular purpose or for some use, event, etc	8
repulse%2:35:00::	cause to move back by force or influence	7
draw%2:35:06::	direct toward itself or oneself by means of some psychological power or physical attributes	7
push_back%2:35:00::	cause to move back by force or influence	7
set_up%2:30:01::	make ready or suitable or equip in advance for a particular purpose or for some use, event, etc	7
draw_in%2:35:02::	direct toward itself or oneself by means of some psychological power or physical attributes	7
pull%2:35:05::	direct toward itself or oneself by means of some psychological power or physical attributes	7
set%2:30:04::	make ready or suitable or equip in advance for a particular purpose or for some use, event, etc	7
repel%2:35:00::	cause to move back by force or influence	7
force_back%2:35:00::	cause to move back by force or influence	7
ready%2:30:00::	make ready or suitable or equip in advance for a particular purpose or for some use, event, etc	7
pull_in%2:35:02::	direct toward itself or oneself by means of some psychological power or physical attributes	7
teach%2:32:00::	impart skills or knowledge to	7
fix%2:30:02::	make ready or suitable or equip in advance for a particular purpose or for some use, event, etc	7
take_hold%2:35:00::	have or hold in one's hands or grip	7
drive%2:35:04::	cause to move back by force or influence	7
attract%2:35:02::	direct toward itself or oneself by means of some psychological power or physical attributes	7
beat_back%2:35:00::	cause to move back by force or influence	7
plash%2:35:01::	dash a liquid upon or against	6

verbframes for "prepare"

SELECT lemma,synsetid,frame,SUBSTRING(definition FROM 1 FOR 32) FROM verbswithframes WHERE lemma = 'prepare' AND synsetid = 200407168