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Serbian Wordnet for biomedical sciences

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Wordnet (WN)

- a lexical semantic network of concepts represented by **synsets** – sets of synonyms (nouns, verbs, adjectives, adverbs)
- synsets are linked by various semantic relations
- **Princeton WordNet** (PWN) initially developed for the English language, by George Miller and his team in Department of Psychology, Princeton

Multilingual WordNets

- Featuring: the InterLingual Index (ILI)
- **EuroWordNet** (March 1996 – June 1999)
Dutch, Italian, Spanish, German, French, Czech
and Estonian
- **BalkanNet** (September 2001-August 2004) five
Balkan languages: Greek, Turkish, Bulgarian,
Romanian and Serbian, as well as Czech

InterLingual Index (ILI)

VisDic

Files Dictionary Help

English WordNet 2.0.c (r) Serbian WordNet 0.4.a (r) Turkish WordNet (20 August 2004) Romanian WordNet 0.4

| English WordNet 2.0.c (r) | Serbian WordNet 0.4.a (r) | Turkish WordNet (20 August 2004) | Romanian WordNet 0.4 |
|---|--|--|---|
| capitalist | | | |
| *[n] capitalist:2 | *[n] kapitalista:1x | *[n] kapitalist:1 | *[n] capitalist:3 |
| [a] capitalist:1, capitalistic:2 | | | |
| [a] capitalistic:1, capitalist:2 | | | |
| View Tree RevTree BCS1,2 BCS | View Tree RevTree Edit BILI SRP BCS | View Tree RevTree Edit TUR NA_TR XM | View Tree RevTree Edit R |
| POS: n ID: ENG20-09003991-n BCS: 2 Synonyms: capitalist:2 Definition: a person who invests capital in a business (especially a large business) Domain: economy SUMO/MILO: + SocialRole --> [hypernym] *[n] person:1, individual:1, someone:1, somebody:1, mortal:1, human:1, soul:2 --> [category_domain] *[n] commercial enterprise:2, business enterprise:1, business:2 <<-- [hyponym] *[n] businessperson:1, bourgeois:1 <<-- [hyponym] [n] financier:1, | LNOTE: N32+Hum+MG POS: n ID: ENG20-09003991-n BCS: 2 Synonyms: kapitalista:1x Definition: Osoba koja ulazxe kapital u posao, posebno veliki posao. Last Edit: Dusko 2003/06/23 --> [hypernym] \$[n] ljudsko bicxe:1, ljudska jedinka:1, osoba:1, pojedinac:1x, jedinka:1 --> [category_domain] \$[n] poslovanxe:X <<-- [hyponym] *[n] privrednik:1, industrijalac:1 | POS: n ID: ENG20-09003991-n BCS: 2 Synonyms: kapitalist:1 Definition: Kapitalist sisteme inanan kimse --> [hypernym] *[n] insan:1, kişi:1, şahıs:1, birey:1, kimse:1, fert:1 --> [category_domain] *[n] ticari faaliyet:1 <<-- [hyponym] *[n] işadamı:2, patron:1, kapitalist:2 | POS: n ID: ENG20-09003991-n BCS: 2 Synonyms: capitalist:3 Definition: persoană care cred capitalism --> [hypernym] *[n] individ:1, om:1, persoană:1 --> [category_domain] *[n] activitate comercială:2, afacere comerț:2 <<-- [hyponym] *[n] afacerist:1 <<-- [hyponym] [n] investitor:1 <<-- [hyponym] [n] finanțist:1 <<-- [hyponym] [n] deținător: x posesor: x, purtător: x |

Status of the Serbian Wordnet

| | Balkanet project - Final report (2004) | September 2007 |
|---|---|-----------------------|
| Synsets | 8059 | 12485 |
| Nouns | 5919 | 9964 |
| Verbs | 1803 | 1864 |
| Adjectives | 324 | 639 |
| Adverbs | 13 | 18 |
| Literals | 13295 | 21476 |
| The medium length of synsets | ~ 1.625 | 1.72 |
| The average number of senses per literal | ~ 1.21 | 1.14 |

VisDic

Files Dictionary Help

English WordNet 2.0.c (r)

Serbian WordNet 0.4.a (r)

[n] paramecium:1, paramecia:1

paramecijum

[n] paramecijum:1, papucyica:1, paramecijumi:1, papucyice:1

View Tree RevTree BCS1,2 BCS3 XML

View Tree RevTree Edit BIL SRP BCS1 BCS2 BCS3 XML

POS: n ID: ENG20-01320460-n
Synonyms: paramecium:1, paramecia:1

POS: n ID: ENG20-01320460-n
Synonyms: paramecijum:1, papucyica:1, paramecijumi:1, papucyice:1

Definition: any member of the genus Paramecium
Domain: botany
SUMO/MILO: + Microorganism
-->> [hypernym] [n] ciliate:1, ciliated protozoan:1, ciliophoran:1
-->> [holo_member] [n] genus Paramecium:1

Definition: cylan roda Paramecium
Note: Uradila S. Antonicx, postdiplomac C. Krstev
-->> [hypernym] [n] cilijata:1, treplxaste protozoe:1
-->> [holo_member] [n] rod Paramecium:1

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Thank you for your attention!

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