

f00012:

W_Fdic:

the	: 29	semantic	: 22	of	: 20	sln	: 20
and	: 13	is	: 12	in	: 10	to	: 9
-lsb-	: 9	-rsb-	: 9	links	: 8	nodes	: 7
paper	: 6	it	: 6	reasoning	: 5	network	: 5
for	: 5	link	: 5	communities	: 4	be	: 4
or	: 4	an	: 4	discovering	: 3	resources	: 3
rules	: 3	not	: 3	world	: 3	discovery	: 3
are	: 3	research	: 3	by	: 3	mantic	: 3
can	: 3	from	: 3	application	: 3	model	: 3
se	: 3	web	: 2	also	: 2	only	: 2
richness	: 2	between	: 2	semantically	: 2	consisting	: 2
automatic	: 2	idea	: 2	special	: 2	relational	: 2
approach	: 2	method	: 2	applies	: 2	on	: 2
opinion	: 2	relevant	: 2	relations	: 2	addition	: 2
suspicious	: 2	but	: 2	construction	: 2	-lrb-	: 2
with	: 2	semantics	: 2	this	: 2	naturally	: 2
interconnected	: 2	-rrb-	: 2	citation	: 2	different	: 2
class	: 2	section	: 2	represent	: 1	linked	: 1
hierarchy	: 1	dynamic	: 1	existing	: 1	including	: 1
human	: 1	reflect	: 1	query	: 1	localized	: 1
group	: 1	knowledge	: 1	graph	: 1	components	: 1
removal	: 1	forms	: 1	has	: 1	into	: 1
which	: 1	existences	: 1	semantics-aware	: 1	records	: 1
they	: 1	new	: 1	resource	: 1	like	: 1
proposes	: 1	supports	: 1	guage	: 1	accelerating	: 1
specific	: 1	queries	: 1	page	: 1	characteristics	: 1
domain	: 1	methods	: 1	distinguished	: 1	some	: 1
related	: 1	second	: 1	recommendation	: 1	c-sln	: 1
targets	: 1	even	: 1	lish	: 1	estab	: 1
space	: 1	furthermore	: 1	does	: 1	fifth	: 1
sup	: 1	net	: 1	metadata	: 1	available	: 1
creating	: 1	ory	: 1	sixth	: 1	reason	: 1
formation	: 1	key	: 1	based	: 1	ontology	: 1
inductive	: 1	change	: 1	topology	: 1	about	: 1
slns	: 1	created	: 1	phishing	: 1	correctness	: 1
minds	: 1	ports	: 1	suggests	: 1	objective	: 1
due	: 1	social	: 1	suitable	: 1	studies	: 1
first	: 1	among	: 1	primitive	: 1	useful	: 1
describes	: 1	image	: 1	rule-constraint	: 1	ized	: 1
gregating	: 1	tools	: 1	lan	: 1	management	: 1
decentral	: 1	important	: 1	support	: 1	system	: 1
construct	: 1	defined	: 1	type	: 1	reflects	: 1
helps	: 1	networks	: 1	direction	: 1	analogical	: 1
webpage	: 1	incorporates	: 1	forming	: 1	schema	: 1
normalized	: 1	than	: 1	those	: 1	evolves	: 1
characteristic	: 1	work	: 1	will	: 1	interrelated	: 1

three	: 1	promising	: 1	similar	: 1	interactive	: 1
ag	: 1	process	: 1	discussed	: 1	dynamically	: 1
organized	: 1	autonomously	: 1	ap	: 1	feasible	: 1
technology	: 1	operation	: 1	ing	: 1	self-organized	: 1
rather	: 1	large	: 1	self	: 1	six	: 1
when	: 1	small-world	: 1	virtual	: 1	any	: 1
complex	: 1	role	: 1	fourth	: 1	papers	: 1
algorithms	: 1	ordinary	: 1	intelligent	: 1	pursues	: 1
hyperlink	: 1	evolve	: 1	play	: 1	used	: 1
intend	: 1	description	: 1	normal	: 1	may	: 1
object	: 1	effect	: 1	includes	: 1	deriving	: 1
applications	: 1	proaches	: 1	user	: 1	propagated	: 1
goal	: 1	especially	: 1	third	: 1	makes	: 1
traditional	: 1	object-oriented	: 1	inherits	: 1	allow	: 1
form	: 1	things	: 1	organization	: 1		

WP_Fdic:

['the', 'DT']	: 29	['semantic', 'JJ']	: 21	['of', 'IN']	: 20
['sln', 'NNP']	: 19	['and', 'CC']	: 13	['is', 'VBZ']	: 12
['in', 'IN']	: 10	['to', 'TO']	: 9	['links', 'NNS']	: 8
['-rsb-', 'NNS']	: 8	['nodes', 'NNS']	: 7	['it', 'PRP']	: 6
['paper', 'NN']	: 6	['for', 'IN']	: 5	['reasoning', 'NN']	: 5
['communities', 'NNS']	: 4	['network', 'NN']	: 4	['or', 'CC']	: 4
['link', 'NN']	: 4	['be', 'VB']	: 4	['an', 'DT']	: 4
['discovering', 'VBG']	: 3	['are', 'VBP']	: 3	['not', 'RB']	: 3
['mantic', 'JJ']	: 3	['resources', 'NNS']	: 3	['rules', 'NNS']	: 3
['from', 'IN']	: 3	['model', 'NN']	: 3	['research', 'NN']	: 3
['application', 'NN']	: 3	['can', 'MD']	: 3	['discovery', 'NN']	: 3
['world', 'NN']	: 3	['-lsb-', 'VBG']	: 3	['by', 'IN']	: 3
['also', 'RB']	: 2	['automatic', 'JJ']	: 2	['semantically', 'RB']	: 2
['addition', 'NN']	: 2	['consisting', 'VBG']	: 2	['relations', 'NNS']	: 2
['se', 'NNP']	: 2	['-lsb-', 'CD']	: 2	['with', 'IN']	: 2
['suspicious', 'JJ']	: 2	['on', 'IN']	: 2	['method', 'NN']	: 2
['special', 'JJ']	: 2	['citation', 'NN']	: 2	['construction', 'NN']	: 2
['-rrb-', '-RRB-']	: 2	['naturally', 'RB']	: 2	['between', 'IN']	: 2
['semantics', 'NNS']	: 2	['relevant', 'JJ']	: 2	['opinion', 'NN']	: 2
['this', 'DT']	: 2	['class', 'NN']	: 2	['section', 'NN']	: 2
['interconnected', 'JJ']	: 2	['applies', 'VBZ']	: 2	['idea', 'NN']	: 2
['different', 'JJ']	: 2	['richness', 'NN']	: 2	['-lrb-', '-LRB-']	: 2
['but', 'CC']	: 2	['approach', 'NN']	: 2	['helps', 'VBZ']	: 1
['ized', 'JJ']	: 1	['among', 'IN']	: 1	['related', 'VBN']	: 1
['traditional', 'JJ']	: 1	['when', 'WRB']	: 1	['useful', 'JJ']	: 1
['hierarchy', 'NN']	: 1	['autonomously', 'RB']	: 1	['reflect', 'VBP']	: 1
['query', 'RB']	: 1	['feasible', 'JJ']	: 1	['only', 'JJ']	: 1
['queries', 'NNS']	: 1	['relational', 'JJ']	: 1	['effect', 'NN']	: 1
['like', 'IN']	: 1	['includes', 'VBZ']	: 1	['represent', 'VB']	: 1
['network', 'NNP']	: 1	['applications', 'NNS']	: 1	['-lsb-', 'JJ']	: 1
['inductive', 'JJ']	: 1	['system', 'NN']	: 1	['six', 'CD']	: 1
['new', 'JJ']	: 1	['dynamic', 'JJ']	: 1	['lan', 'NN']	: 1

['-lsb-', 'VBZ']	: 1	['papers', 'NNS']	: 1	['accelerating', 'VBG']	: 1
['organization', 'NN']	: 1	['form', 'VB']	: 1	['role', 'NN']	: 1
['gregating', 'VBG']	: 1	['components', 'NNS']	: 1	['pursues', 'VBZ']	: 1
['space', 'NN']	: 1	['c-sln', 'NNP']	: 1	['change', 'NN']	: 1
['ports', 'NNS']	: 1	['second', 'JJ']	: 1	['ap', 'NN']	: 1
['evolves', 'VBZ']	: 1	['deriving', 'VBG']	: 1	['discussed', 'VBN']	: 1
['-lsb-', 'NNP']	: 1	['self', 'NN']	: 1	['those', 'DT']	: 1
['only', 'RB']	: 1	['linked', 'VBN']	: 1	['into', 'IN']	: 1
['technology', 'NN']	: 1	['evolve', 'VB']	: 1	['group', 'NN']	: 1
['supports', 'VBZ']	: 1	['will', 'MD']	: 1	['-lsb-', 'NNS']	: 1
['objective', 'JJ']	: 1	['furthermore', 'RB']	: 1	['which', 'WDT']	: 1
['schema', 'NN']	: 1	['used', 'VBN']	: 1	['management', 'NN']	: 1
['inherits', 'VBZ']	: 1	['ordinary', 'JJ']	: 1	['forms', 'NNS']	: 1
['describes', 'VBZ']	: 1	['forming', 'VBG']	: 1	['intend', 'VB']	: 1
['hyperlink', 'RB']	: 1	['se', 'FW']	: 1	['object', 'VBP']	: 1
['direction', 'NN']	: 1	['resource', 'NN']	: 1	['promising', 'JJ']	: 1
['studies', 'NNS']	: 1	['similar', 'JJ']	: 1	['allow', 'VBP']	: 1
['organized', 'VBN']	: 1	['self-organized', 'JJ']	: 1	['analogical', 'JJ']	: 1
['proaches', 'NNS']	: 1	['semantic', 'NNP']	: 1	['operation', 'NN']	: 1
['metadata', 'NN']	: 1	['available', 'JJ']	: 1	['ory', 'VBN']	: 1
['web', 'JJ']	: 1	['incorporates', 'VBZ']	: 1	['propagated', 'VBN']	: 1
['first', 'JJ']	: 1	['primitive', 'JJ']	: 1	['proposes', 'VBZ']	: 1
['defined', 'VBN']	: 1	['normal', 'JJ']	: 1	['characteristic', 'NN']	: 1
['recommendation', 'NN']	: 1	['rule-constraint', 'JJ']	: 1	['domain', 'NN']	: 1
['may', 'MD']	: 1	['normalized', 'JJ']	: 1	['sup', 'JJ']	: 1
['image', 'NN']	: 1	['relational', 'NN']	: 1	['removal', 'NN']	: 1
['algorithms', 'NNS']	: 1	['play', 'VB']	: 1	['existing', 'VBG']	: 1
['including', 'VBG']	: 1	['suitable', 'JJ']	: 1	['semantics-aware', 'JJ']	: 1
['minds', 'NNS']	: 1	['slns', 'NNS']	: 1	['knowledge', 'NN']	: 1
['created', 'VBN']	: 1	['has', 'VBZ']	: 1	['sixth', 'JJ']	: 1
['based', 'VBN']	: 1	['does', 'VBZ']	: 1	['webpage', 'NN']	: 1
['net', 'NN']	: 1	['makes', 'VBZ']	: 1	['phishing', 'VBG']	: 1
['page', 'NN']	: 1	['distinguished', 'JJ']	: 1	['targets', 'NNS']	: 1
['construct', 'VB']	: 1	['ag', 'NN']	: 1	['social', 'JJ']	: 1
['-rsb-', 'JJ']	: 1	['interactive', 'JJ']	: 1	['large', 'JJ']	: 1
['interrelated', 'JJ']	: 1	['rather', 'RB']	: 1	['user', 'NN']	: 1
['virtual', 'JJ']	: 1	['type', 'NN']	: 1	['even', 'RB']	: 1
['creating', 'VBG']	: 1	['object-oriented', 'JJ']	: 1	['fourth', 'JJ']	: 1
['intelligent', 'JJ']	: 1	['existences', 'NNS']	: 1	['fifth', 'JJ']	: 1
['specific', 'JJ']	: 1	['than', 'IN']	: 1	['correctness', 'NNS']	: 1
['they', 'PRP']	: 1	['complex', 'NN']	: 1	['key', 'JJ']	: 1
['link', 'NNP']	: 1	['three', 'CD']	: 1	['lish', 'VB']	: 1
['things', 'NNS']	: 1	['ing', 'NN']	: 1	['localized', 'JJ']	: 1
['estab', 'VB']	: 1	['methods', 'NNS']	: 1	['any', 'DT']	: 1
['work', 'NN']	: 1	['especially', 'RB']	: 1	['small-world', 'JJ']	: 1
['third', 'JJ']	: 1	['ontology', 'NN']	: 1	['goal', 'NN']	: 1
['tools', 'NNS']	: 1	['characteristics', 'NNS']	: 1	['about', 'IN']	: 1
['sln', 'NN']	: 1	['web', 'NN']	: 1	['formation', 'NN']	: 1
['important', 'JJ']	: 1	['process', 'NN']	: 1	['dynamically', 'RB']	: 1

['graph', 'NN']	: 1	['reflects', 'VBZ']	: 1	['due', 'JJ']	: 1
['networks', 'NNS']	: 1	['guage', 'NN']	: 1	['human', 'JJ']	: 1
['some', 'DT']	: 1	['support', 'VBP']	: 1	['description', 'NN']	: 1
['topology', 'JJ']	: 1	['reason', 'NN']	: 1	['decentral', 'JJ']	: 1
['suggests', 'VBZ']	: 1	['records', 'VBZ']	: 1		

W_Pdic:

represent	: ['VB']	semantic	: ['NNP', 'JJ']
linked	: ['VBN']	hierarchy	: ['NN']
dynamic	: ['JJ']	existing	: ['VBG']
communities	: ['NNS']	paper	: ['NN']
including	: ['VBG']	human	: ['JJ']
reflect	: ['VBP']	query	: ['RB']
reasoning	: ['NN']	localized	: ['JJ']
web	: ['JJ', 'NN']	group	: ['NN']
knowledge	: ['NN']	also	: ['RB']
graph	: ['NN']	components	: ['NNS']
removal	: ['NN']	forms	: ['NNS']
to	: ['TO']	only	: ['JJ', 'RB']
discovering	: ['VBG']	nodes	: ['NNS']
has	: ['VBZ']	into	: ['IN']
resources	: ['NNS']	which	: ['WDT']
richness	: ['NN']	rules	: ['NNS']
existences	: ['NNS']	between	: ['IN']
semantics-aware	: ['JJ']	records	: ['VBZ']
they	: ['PRP']	new	: ['JJ']
not	: ['RB']	world	: ['NN']
semantically	: ['RB']	resource	: ['NN']
like	: ['IN']	proposes	: ['VBZ']
supports	: ['VBZ']	guage	: ['NN']
accelerating	: ['VBG']	consisting	: ['VBG']
specific	: ['JJ']	-lsb-	: ['CD', 'VBG', 'JJ', 'VBZ', 'NNS', 'NNP']
queries	: ['NNS']	discovery	: ['NN']
automatic	: ['JJ']	page	: ['NN']
characteristics	: ['NNS']	the	: ['DT']
domain	: ['NN']	methods	: ['NNS']
distinguished	: ['JJ']	some	: ['DT']
idea	: ['NN']	related	: ['VBN']
second	: ['JJ']	are	: ['VBP']
recommendation	: ['NN']	c-sln	: ['NNP']
-rsb-	: ['NNS', 'JJ']	targets	: ['NNS']
special	: ['JJ']	even	: ['RB']
lish	: ['VB']	estab	: ['VB']
network	: ['NNP', 'NN']	for	: ['IN']
space	: ['NN']	furthermore	: ['RB']
research	: ['NN']	does	: ['VBZ']
fifth	: ['JJ']	sup	: ['JJ']
relational	: ['JJ', 'NN']	net	: ['NN']
approach	: ['NN']	method	: ['NN']

metadata	: ['NN']	available	: ['JJ']
be	: ['VB']	creating	: ['VBG']
ory	: ['VBN']	sixth	: ['JJ']
applies	: ['VBZ']	reason	: ['NN']
formation	: ['NN']	key	: ['JJ']
based	: ['VBN']	ontology	: ['NN']
inductive	: ['JJ']	by	: ['IN']
change	: ['NN']	topology	: ['JJ']
on	: ['IN']	about	: ['IN']
slns	: ['NNS']	created	: ['VBN']
phishing	: ['VBG']	of	: ['IN']
correctness	: ['NNS']	minds	: ['NNS']
ports	: ['NNS']	suggests	: ['VBZ']
objective	: ['JJ']	due	: ['JJ']
social	: ['JJ']	opinion	: ['NN']
suitable	: ['JJ']	studies	: ['NNS']
or	: ['CC']	mantic	: ['JJ']
first	: ['JJ']	among	: ['IN']
primitive	: ['JJ']	relevant	: ['JJ']
useful	: ['JJ']	can	: ['MD']
describes	: ['VBZ']	image	: ['NN']
rule-constraint	: ['JJ']	ized	: ['JJ']
relations	: ['NNS']	gregating	: ['VBG']
tools	: ['NNS']	lan	: ['NN']
management	: ['NN']	from	: ['IN']
links	: ['NNS']	decentral	: ['JJ']
addition	: ['NN']	important	: ['JJ']
support	: ['VBP']	system	: ['NN']
construct	: ['VB']	defined	: ['VBN']
type	: ['NN']	is	: ['VBZ']
reflects	: ['VBZ']	helps	: ['VBZ']
networks	: ['NNS']	direction	: ['NN']
suspicious	: ['JJ']	analogical	: ['JJ']
webpage	: ['NN']	incorporates	: ['VBZ']
forming	: ['VBG']	but	: ['CC']
schema	: ['NN']	construction	: ['NN']
link	: ['NNP', 'NN']	normalized	: ['JJ']
-lrb-	: ['-LRB-']	with	: ['IN']
than	: ['IN']	those	: ['DT']
semantics	: ['NNS']	evolves	: ['VBZ']
this	: ['DT']	characteristic	: ['NN']
work	: ['NN']	will	: ['MD']
sln	: ['NNP', 'NN']	interrelated	: ['JJ']
three	: ['CD']	promising	: ['JJ']
naturally	: ['RB']	similar	: ['JJ']
interconnected	: ['JJ']	interactive	: ['JJ']
and	: ['CC']	ag	: ['NN']
-rrb-	: ['-RRB-']	process	: ['NN']
discussed	: ['VBN']	dynamically	: ['RB']

citation	: ['NN']	organized	: ['VBN']
it	: ['PRP']	autonomously	: ['RB']
an	: ['DT']	ap	: ['NN']
in	: ['IN']	feasible	: ['JJ']
technology	: ['NN']	operation	: ['NN']
different	: ['JJ']	ing	: ['NN']
self-organized	: ['JJ']	rather	: ['RB']
large	: ['JJ']	self	: ['NN']
six	: ['CD']	when	: ['WRB']
small-world	: ['JJ']	virtual	: ['JJ']
any	: ['DT']	application	: ['NN']
complex	: ['NN']	role	: ['NN']
fourth	: ['JJ']	papers	: ['NNS']
algorithms	: ['NNS']	ordinary	: ['JJ']
intelligent	: ['JJ']	pursues	: ['VBZ']
hyperlink	: ['RB']	evolve	: ['VB']
play	: ['VB']	used	: ['VBN']
intend	: ['VB']	description	: ['NN']
normal	: ['JJ']	may	: ['MD']
object	: ['VBP']	effect	: ['NN']
includes	: ['VBZ']	deriving	: ['VBG']
applications	: ['NNS']	proaches	: ['NNS']
user	: ['NN']	propagated	: ['VBN']
class	: ['NN']	goal	: ['NN']
especially	: ['RB']	third	: ['JJ']
makes	: ['VBZ']	traditional	: ['JJ']
object-oriented	: ['JJ']	inherits	: ['VBZ']
allow	: ['VBP']	form	: ['VB']
things	: ['NNS']	organization	: ['NN']
model	: ['NN']	section	: ['NN']
se	: ['NNP', 'FW']		