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accurate	: 8	reasons	: 8	carries	: 8	places	: 8
int	: 8	recognize	: 8	denote	: 8	webpages	: 8
ecological	: 8	emerged	: 7	graph-based	: 7	phones	: 7
children	: 7	simultaneously	: 7	browsing	: 7	e8	: 7
rationalism	: 7	cites	: 7	end	: 7	writers	: 7
cause-effect	: 7	easier	: 7	series	: 7	sounds	• <i>7</i>
onto	: 7	needed	• <i>7</i>	recent	: 7	historical	• <i>7</i>
lbi	: 7	addlink	. , : 7	terms	. , : 7	adapting	• , • 7
merging	: 7	logic	. , : 7	t1	• , • 7	interacts	: 7
newton	. , : 7	right	• <i>'</i>	old	• <i>'</i> • 7	short-term	· /
engagein	. , : 7	manufacturing	. / : 7	actuators	. / : 7	test	. / : 7
= =	. / : 7	n1	. / : 7	n2	. / : 7	manages	. / : 7
cup	. / : 7		. / : 7	criteria	. / : 7	occur	. / : 7
upper		remove					
write	: 7	man	: 7	experiments	: 7	coordinated	: 7

I .\FII.D_I\program\cipse\ci	relation(vvF) dic.	tat .						2010年1万2
bound	: 7	em	: 7	ek	: 7	possibility	: 7	
place	: 7	17	: 7	say	: 7	objective	: 7	
trace	: 7	explicitly	: 7	essence	: 7	stream	: 7	
considering	: 7	direction	: 7	photos	: 7	re?ect	: 7	
persons	: 7	extensible	: 7	captured	: 7	decomposed	: 7	
benefit	: 7	satisfactory	: 7	industry	: 7	start	: 7	
promote	: 7	you	: 7	scenes	: 7	consider	: 7	
follow	: 7	preserved	: 7	problem-solving	: 7	list	: 7	
invention	: 7	displays	: 7	movement	: 7	inspired	: 7	
family	: 7	controlling	: 7	known	: 7	short	: 7	
propose	: 7	weight	: 7	consequence	: 7	feel	: 7	
recording	: 7	classi?ed	: 7	peer-to-peer	: 7	institutions	: 7	
indicator	: 7	simulating	: 7	triangle	: 7	valuable	: 7	
querying	: 7	stored	: 7	see	: 7	conditions	: 7	
attention	: 7	pj	: 7	distances	: 7	signals	: 7	
relevance	: 7	formal	: 7	behave	: 7	partof	: 7	
up	: 7	verification	: 7	continuously	: 7	web/internet	: 7	
concerned	: 7	experiencing	: 7	try	: 7	imply	: 7	
giving	: 7	focuses	: 7	invented	: 7	larger	: 7	
36	: 7	carrying	: 7	normalized	: 7	element	: 7	
temporal	: 7	accompanies	: 7	variety	: 7	integrated	: 7	
powerful	: 7	regards	: 7	capacity	: 7	volume	: 7	
hierarchical	: 7	well-being	: 7	minsky	: 7	circulation	: 7	
progress	: 7	traffic	: 7	li	: 7	compared	: 7	
modeled	: 7	ccps	: 7	e-science	: 7	match	: 7	
collaborative	: 7	journal	: 7	deriving	: 7	describe	: 7	
education	: 7	living	: 7	portion	: 7	conjecture	: 6	
human-machine	: 6	summarized	: 6	evaluating	: 6	e.	: 6	
zoom-out	: 6	m.	: 6	movies	: 6	give	: 6	
typed	: 6	collecting	: 6	internalization	: 6	break	: 6	
grammar	: 6	top	: 6	regulate	: 6	responsible	: 6	
extending	: 6	abilities	: 6	op3	: 6	public	: 6	
simplification	: 6	hierarchies	: 6	op1	: 6	paradigms	: 6	
z1	: 6	fusion	: 6	background	: 6	51	: 6	
zoom	: 6	predicting	: 6	reducing	: 6	whereas	: 6	
daily	: 6	falling	: 6	satisfy	: 6	commonly	: 6	
tasks	: 6	market	: 6	prove	: 6	positive	: 6	
reviews	: 6	expanding	: 6	product	: 6	explores	: 6	
produce	: 6	readerof	: 6	se	: 6	indeed	: 6	
structuring	: 6	platform	: 6	constitutes	: 6	rational	: 6	
op2	: 6	think	: 6	origin	: 6	rule-constraint	: 6	
x2	: 6	19	: 6	illness	: 6	satisfying	: 6	
rsi	: 6	ranking	: 6	mapped	: 6	hilbert	: 6	
expression	: 6	period	: 6	driven	: 6	speed	: 6	
moreover	: 6	externalization	: 6	complete	: 6	regard	: 6	
completeness	: 6	observe	: 6	dellink	: 6	databases	: 6	
observing	: 6	inspires	: 6	comparing	: 6	prs1	: 6	
tries	: 6	products	: 6	loosely	: 6	co-occur	: 6	
occurs	: 6	put	: 6	translation	: 6	paths	: 6	

F:\Pn.D_1\program\Eclipse\CE	_relation\wPFdic.	txt						2016年7月
constructed	: 6	fine	: 6	express	: 6	unconscious	: 6	
lattice	: 6	representative	: 6	healthy	: 6	loop	: 6	
century	: 6	хj	: 6	rsbi	: 6	widely	: 6	
heterogeneous	: 6	moving	: 6	recognizing	: 6	associations	: 6	
inserting	: 6	bc	: 6	consumption	: 6	anything	: 6	
tracing	: 6	plan	: 6	retrieving	: 6	deployed	: 6	
us	: 6	storing	: 6	robots	: 6	incorporate	: 6	
proposition	: 6	citing	: 6	limitations	: 6	gender	: 6	
zk	: 6	growing	: 6	paintings	: 6	self-similarity	: 6	
next	: 6	becomes	: 6	defines	: 6	getting	: 6	
regions	: 6	xm	: 6	multiplication	: 6	light	: 6	
allow	: 6	rt	: 6	our	: 6	high-performance	: 6	
retrieved	: 6	ibm	: 6	length	: 6	reached	: 6	
normalization	: 6	accompany	: 6	movie	: 6	fact	: 6	
influenced	: 6	constructing	: 6	streams	: 6	environments	: 6	
influencing	: 6	waste	: 6	present	: 6	rbi	: 6	
mutual	: 6	expand	: 6	audio	: 6	discuss	: 6	
subsystem	: 6	goals	: 6	87	: 6	ranks	: 6	
worth	• 5	summarizes	• 5 • 5	connects	: 5	pragmatism	: 5	
pursuit	: 5	completely	• 5 • 5	complicated	: 5	replace	: 5	
unit	: 5	would	• 5 • 5	until	: 5	coupled	: 5	
modify	: 5	executed	• 5 • 5	vary	: 5	innovative	: 5	
pervasive	• 5 • 5	proceeding	• 5 • 5	generative	• 5 • 5	literature	• 5 • 5	
brings	• 5 • 5	cameras	• 5 • 5	ri	• 5 • 5	foundation	• 5 • 5	
tool	• 5 • 5	navigate	• 5 • 5	seen	• 5 • 5	inferred	• 5 • 5	
solutions	• 5 • 5	bush	• 5 • 5	pursuing	• 5 • 5	population	• 5 • 5	
patients	• 5 • 5	unable	. 5 : 5	simplest	• 5 • 5	drawn	• 5 • 5	
oomd	• 5 • 5	facet	. 5 : 5	polynomial	• 5 • 5	spread	• 5 • 5	
expected	• 5 • 5	delnode	. 5 : 5	save	. 5 : 5	applies	• 5 • 5	
expected	• 5 • 5	perform	: 5	save	• 5 • 5	uploading	• 5 • 5	
sentence	• 5 • 5	facts	: 5		. 5 : 5	library	• 5 • 5	
	: 5 : 5		: 5	yet	: 5 : 5		: 5 : 5	
down	: 5 : 5	stages		proved	: 5 : 5	locality	: 5 : 5	
occurrence	: 5 : 5	displaying	: 5	emphasized	: 5 : 5	standards	: 5 : 5	
sequential		groups	: 5	ls	: 5 : 5	insights		
believes	: 5	agent	: 5	S.		huge	: 5	
conscious	: 5	webpage	: 5	pointed	: 5	artefacts	: 5	
1958	: 5	.40	: 5	in?uences	: 5	communicating	: 5	
formula	: 5	20	: 5	inductive	: 5	derivation	: 5	
symbolic	: 5	constructionism	: 5	regarding	: 5	vision	: 5	
motivations	: 5	region	: 5	color	: 5	rebuild	: 5	
mark	: 5	x3	: 5	insight	: 5	around	: 5	
topology	: 5	identifying	: 5	either	: 5	provided	: 5	
micro	: 5	understandings	: 5	comparison	: 5	greatly	: 5	
road	: 5	enough	: 5	multi-space	: 5	embedded	: 5	
imagination	: 5	a3	: 5	removal	: 5	belonging	: 5	
rn	: 5	tea	: 5	cues	: 5	fusing	: 5	
answers	: 5	simon	: 5	standard	: 5	action	: 5	
species	: 5	maps	: 5	ubiquitous	: 5	25	: 5	
21	: 5	22	: 5	23	: 5	develops	: 5	

I .\FII.D_I\program\Lclipse\CL	_relation(vvr i dic.)	ını					20
friendship	: 5	psychology	: 5	denotes	: 5	imagine	: 5
temperature	: 5	statement	: 5	focusing	: 5	inventing	: 5
orders	: 5	essentially	: 5	infrastructures	: 5	phenomenon	: 5
closely	: 5	barzilay	: 5	locating	: 5	art	: 5
adaptation	: 5	openness	: 5	ensures	: 5	combine	: 5
empty	: 5	neumann	: 5	subcluster	: 5	evaluated	: 5
estimate	: 5	task	: 5	consistency	: 5	atomic	: 5
ecology	: 5	accuracy	: 5	coexist	: 5	subgraph	: 5
consist	: 5	mature	: 5	department	: 5	independently	: 5
age	: 5	compose	: 5	stable	: 5	multimedia	: 5
survey	: 5	implement	: 5	refers	: 5	axiom	: 5
investment	: 5	located	: 5	establishment	: 5	buildings	: 5
collection	: 5	artefact	: 5	2014	: 5	2013	: 5
transmitted	: 5	rising	: 5	raised	: 5	subset	: 5
82	: 5	explored	: 5	reflexive	: 5	strategic	: 5
ontologies	: 5	environmental	: 5	simulate	: 5	providing	: 5
viewer	: 5	pursues	: 5	intrinsic	: 5	url	: 5
bring	: 5	processed	: 5	enhanced	: 5	tend	: 5
unclear	: 5	waved	: 5	teamwork	: 5	subspace	: 5
country	: 5	firstly	: 5	usage	: 5	challenges	: 5
accessible	: 5	grids	: 5	convey	: 5	civilization	: 5
chains	: 5	self-organization	: 5	co-authors	: 5	functional	: 5
speci?c	: 5	separating	: 5	treatment	: 5	conclusion	: 5
monkev	: 5	society-level	: 4	euclidean	: 4	notions	: 4
china	: 4	visualization	: 4	1993	: 4	1997	: 4
feature	: 4	ordinary	: 4	newaddlink	: 4	neglect	: 4
data-intensive	: 4	decompose	: 4	local-to-global	: 4	unhealthy	: 4
upload	: 4	mccarthy	: 4	associate	: 4	free	: 4
corpus	: 4	relatively	: 4	1969	: 4	perspective	: 4
addrule	: 4	self-adaptive	: 4	increasing	: 4	textbooks	: 4
implication	: 4	delrule	: 4	radius	: 4	he/she	: 4
psychologists	: 4	arque	: 4	extraction	: 4	segment	: 4
simulated	: 4	transforms	: 4	passive	: 4	technological	: 4
else	: 4	unnecessary	: 4	paragraphs	: 4	obtaining	: 4
rendering	: 4	refined	: 4	request	: 4	correlation	: 4
initiated	: 4	dotted	: 4	nf	<u>.</u> 4	reality	: 4
jaccard	: 4	uniformly	: 4	neighbors	: 4	chain	• 1 • 4
exact	: 4	leave	: 4	unaware	: 4	appear	: 4
marketing	: 4	teacher	: 4	box	: 4	working	: 4
associated	: 4	capturing	: 4	labeled	: 4	renders	: 4
inheritance	: 4	designer	• 4	typical	: 4	primitive	: 4
pervade	: 4	scienti?c	• 4	avoided	: 4	attracted	· 4
inputting	: 4	massive	• 4	variables	: 4	city	: 4
summarizations	: 4	bio-symbiosis	• 4	attribute-based	: 4	equipment	: 4
room	. 4 : 4	ground	: 4	title	. 4 : 4	proportion	. 4 : 4
state	: 4	scientist	· 4	ce	. 4 : 4	top-level	: 4
analyzed	: 4 : 4	come	: 4	brahe	: 4	top-level top-k	: 4 : 4
technical	: 4	prototype	: 4	property	: 4	intelligently	: 4 : 4
externalizing	: 4		: 4	rebuilding	: 4 : 4	= =	: 4 : 4
externalizing	: 4	autonomously	: 4	repurraing	: 4	weave	: 4

I .IFII.D_INDIOGRAMMECHPSelCE_IE	fation(vvi i dic.tx	<u> </u>					2010年1万20日 15.12
minimize	: 4	classi?cations	: 4	guided	: 4	check	: 4
preference	: 4	execution	: 4	revision	: 4	recorded	: 4
refer	: 4	neighbor	: 4	act	: 4	discusses	: 4
predictive	: 4	assumes	: 4	n.	: 4	reliability	: 4
course	: 4	implied	: 4	mathematics	: 4	ors2	: 4
lack	: 4	generalize	: 4	accompanying	: 4	super-linked	: 4
titled	: 4	ten	: 4	learned	: 4	contrast	: 4
threads	: 4	generalizing	: 4	allows	: 4	detecting	: 4
uniformity	: 4	instanceof	: 4	male	: 4	26	: 4
publish	: 4	beginning	: 4	fruit	: 4	samefield	: 4
assumption	: 4	computable	: 4	hotel	: 4	insightful	: 4
null	: 4	organs	: 4	generalized	: 4	programmers	: 4
clear	: 4	ext	: 4	scanning	: 4	close	: 4
expert	: 4	libraries	: 4	probably	: 4	sensitive	: 4
experimental	: 4	audios	: 4	versa	: 4	receive	: 4
assigning	: 4	sub-dimensions	: 4	32	: 4	engineers	: 4
virtually	: 4	calculation	: 4	obviously	: 4	sameauthor	: 4
parents	: 4	destination	: 4	sketch	: 4	understood	: 4
instantiating	: 4	metaphor	: 4	77	: 4	in-depth	: 4
simulation	: 4	specifies	: 4	sections	: 4	multi-document	: 4
theoretical	: 4	globally	: 4	metric	: 4	sub-coordinates	: 4
elements	: 4	calculating	: 4	velocity	: 4	vice	: 4
2003	: 4	2000	: 4	international	: 4	having	: 4
once	: 4	rti	: 4	implicitly	: 4	licklider	: 4
insertion	: 4	body	: 4	latent	: 4	38	: 4
37	: 4	motor	: 4	extractive	: 4	isomorphism	: 4
obvious	: 4	berners-lee	: 4	tag	: 4	plato	: 4
capabilities	: 4	greater	: 4	front	: 4	verifying	: 4
university	: 4	identified	: 4	traces	: 4	books	: 4
entertainment	: 4	integrates	: 4	g?del	: 4	utility	: 4
ask	: 4	proposing	: 4	journals	: 4	slides	: 4
76	: 4	1.5	: 4	false	: 4	exhibit	: 4
gravity	: 4	subject	: 4	collaboration	: 4	intentions	: 4
propagate	: 4	stronger	: 4	candidates	: 4	q.	: 4
familiar	: 4	overall	: 4	vehicles	: 4	argues	: 4
correlations	: 4	up-closure	: 4	operates	: 4	prediction	: 4
freely	: 4	route	: 4	coherence	: 4	defining	: 4
40	: 4	low-level	: 4	rapid	: 4	propositions	: 4
deployment	: 4	immediately	: 4	domains	: 4	insert	: 4
regardless	: 4	growth	: 4	home	: 4	happens	: 4
avoid	: 4	constantly	: 4	instinct	: 4	dependency	: 4
previously	: 4	roads	: 4	browser	: 4	1982	: 4
1989	: 4	ors1	: 4	ecosystem	: 4	demonstrate	: 4
piece	: 4	49	: 4	42	: 4	compares	: 4
repeat	: 4	cpsocio	: 4	vistingscholarof	: 4	ct	: 4
machine-understand		localized	: 3	segments	: 3	restriction	: 3
ontological	: 3	xn-1	: 3	vast	: 3	unifying	: 3
expanded	: 3	consistent	: 3	likely	: 3	air	: 3
understandability	: 3	designing	: 3	contributes	: 3	evolutionism	: 3

The mb_reprogrammedipodice_							
electricity	: 3	mantic	: 3	plot	: 3	negative	: 3
enriching	: 3	yahoo	: 3	aware	: 3	continual	: 3
co-computing	: 3	1996	: 3	setup	: 3	facultyof	: 3
era	: 3	already	: 3	preserving	: 3	updated	: 3
want	: 3	move	: 3	interpretation	: 3	nets	: 3
differently	: 3	workflows	: 3	?ows	: 3	mean	: 3
combining	: 3	xu	: 3	perception	: 3	starts	: 3
concept-level	: 3	incorporated	: 3	researcher	: 3	assumptions	: 3
similarly	: 3	enhancing	: 3	rejected	: 3	predictable	: 3
bridge	: 3	return	: 3	decomposing	: 3	implemented	: 3
1966	: 3	1960	: 3	guaranteed	: 3	inconsistency	: 3
ui	: 3	attenantof	: 3	report	: 3	vocabularies	: 3
blei	: 3	conceptual	: 3	preserve	: 3	news	: 3
climate	: 3	ease	: 3	appeared	: 3	had	: 3
39	: 3	coherent	: 3	child	: 3	applied	: 3
cites/links	: 3	voice	: 3	ip	: 3	containing	: 3
beside	: 3	specialize	: 3	1978	: 3	1974	: 3
contact	: 3	photo	: 3	assigned	: 3	unification	: 3
s1.d	: 3	52	: 3	towards	: 3	meters	: 3
sociology	: 3	enterprises	: 3	rep	: 3	properties	: 3
maxwell	: 3	google	: 3	mass	: 3	questionable	: 3
becoming	: 3	removed	: 3	his/her	: 3	high-dimensional	: 3
covers	: 3	evidence	: 3	authoritative	: 3	scopes	: 3
lm	: 3	longer	: 3	quantity	: 3	hope	: 3
managed	: 3	covered	. 3 : 3	depend	: 3	technique	: 3
1945	: 3	multi-facet	. 3 : 3	advantage	: 3	two-way	: 3
non-1nf	: 3	ef?ciently	: 3	multi-layer	: 3	explosion	• 3 • 3
water	: 3	address	. 3 : 3	shift	: 3	conveniently	• 3 • 3
engineer	: 3	operational	. 3 : 3	hotels	: 3	selects	: 3
rigid	: 3	money	. 3 : 3	pre-defined	: 3	criterion	: 3
eight	: 3	respective	: 3	high-energy	: 3	courses	. 3 : 3
sl	: 3	stimulus-response	. 3 : 3	window	. 3 : 3	policy	. 3 : 3
unveiling	: 3	matches	. 3 : 3	half	: 3	term	. 3 : 3
name	• 3 • 3	realistic	. 3 : 3	rethinking	. 3 : 3	abnormal	. 3 : 3
breakthrough	• 3 • 3	happen	. 3 : 3	predefined	: 3	interference	. 3 : 3
bayes	• 3 • 3	fixed	. 3 : 3	upper-bounded	. 3 : 3	textual	: 3
gives	• 3 • 3	X.	. 3 : 3	expertise	. 3 : 3	falls	. 3 : 3
average	• 3 • 3	wittrock	. 3 : 3	ruleid	: 3	ratio	. 3 : 3
examples	. 3 : 3	analytic	: 3	raising	. 3 : 3	seldom	: 3
un-computable	• 3 • 3	college	. 3 : 3	parking	. 3 : 3	review	. 3 : 3
definite	. 3 : 3	behind	: 3		: 3		: 3
mani	. 3 : 3		: 3	parent	. 3 : 3	style state-of-the-art	: 3
	: 3 : 3	comes	: 3 : 3	nearby irrelevant	: 3 : 3		: 3 : 3
transportation		bayesian				machine-level	
scale-free	: 3	conferences	: 3	html	: 3 : 3	speech	: 3 : 3
linktypes	: 3	edges	: 3	macro		adjusted	
aspect	: 3	heuristic	: 3	grounded	: 3	except	: 3
samples	: 3	unveil	: 3	deduction	: 3	maintained	: 3
specified	: 3	symbiotic	: 3	considers	: 3	bridges	: 3
measuring	: 3	thousands	: 3	man-computer	: 3	arranged	: 3

1.1FII.D_T\program\ccipse\cc_re	siation(vvr) dic.tx						
subclasses	: 3	novice	: 3	green	: 3	funding	: 3
directory	: 3	surge	: 3	browsers	: 3	cooperative	: 3
causes	: 3	duplicated	: 3	apartment	: 3	disjoin	: 3
adjust	: 3	component	: 3	publisher	: 3	host	: 3
via	: 3	sbi	: 3	taken	: 3	constructs	: 3
paragraph	: 3	compare	: 3	distributions	: 3	algebra	: 3
verified	: 3	derives	: 3	co-exist	: 3	pronomes	: 3
27	: 3	29	: 3	relate	: 3	adoption	: 3
impossible	: 3	expect	: 3	bene?t	: 3	imaging	: 3
neglects	: 3	symptom	: 3	believe	: 3	ef?cient	: 3
liu	: 3	complementing	: 3	bodies	: 3	incur	: 3
converge	: 3	central	: 3	knowledge-based	: 3	consciously	: 3
sub-networks	: 3	missing	: 3	death	: 3	sub-healthy	: 3
influential	: 3	regulated	: 3	reduction	: 3	spirals	: 3
optimization	: 3	computed	: 3	30	: 3	triple	: 3
leaving	: 3	examine	: 3	externalize	: 3	grand	: 3
comprehensive	: 3	purpose	: 3	?ow	: 3	regulating	: 3
motions	: 3	sound	: 3	love	: 3	popular	: 3
b2	: 3	eliminate	: 3	resolve	: 3	fed	: 3
viewpoints	: 3	readability	: 3	conditional	: 3	granularities	: 3
directed	: 3	entry	: 3	clips	: 3	tends	: 3
draw	: 3	gain	: 3	rm	: 3	posters	: 3
normalize	: 3	co-author	: 3	undecidable	: 3	wave	: 3
q.	: 3	rtj	: 3	entire	: 3	moderate	: 3
transmission	: 3	accessing	: 3	dynamics	: 3	cyber-concepts	: 3
delivering	: 3	suggest	: 3	lower-bounded	: 3	33	: 3
31	: 3	34	: 3	composed	: 3	up-to-date	: 3
failed	: 3	theme	: 3	flat	: 3	reciprocity	: 3
optimizing	: 3	started	: 3	popper	: 3	human-to-human	: 3
arti?cial	: 3	unites	: 3	realized	: 3	mentioned	: 3
re?ecting	: 3	relativity	: 3	b1	: 3	estimating	: 3
indexing	: 3	countries	: 3	sim	: 3	truth	: 3
experienced	: 3	doing	: 3	80	: 3	red	: 3
maintains	: 3	phrases	: 3	ruleml	: 3	reaches	: 3
precisely	: 3	privacy	: 3	final	: 3	tuple	: 3
manipulation	: 3	fuzzy	: 3	remember	: 3	distinguishes	: 3
min	: 3	jacobson	: 3	visualize	: 3	inspiring	: 3
achieve	: 3	applying	: 3	subschemas	: 3	acquired	: 3
puts	: 3	ends	: 3	e-learning	: 3	restrictions	: 3
p2p	: 3	commenting	: 3	taking	: 3	etc	: 3
estimation	: 3	comment	: 3	maximize	: 3	largest	: 3
trajectory	: 3	trend	: 3	С.	: 3	sales	: 3
ensuring	: 3	improved	: 3	almost	: 3	humanized	: 3
geographical	: 3	mathematic	: 3	center	: 3	arising	: 3
meet	: 3	hybrid	: 3	small-world	: 3	rest	: 3
macroscopic	: 3	recommending	: 3	self-contained	: 3	checking	: 3
facial	: 3	superclass	: 3	eco-grid	: 3	universe	: 3
hot	: 3	soil	: 3	privilege	: 3	repeated	: 3
subtitles	: 3	81	: 3	47	: 3	suit	: 3

profit	: 3	compete	: 3	volumes	: 3	<pre>indirectly : 3</pre>
writings	: 2	magnetic	: 2	desirable	: 2	dynasty : 2
erkan	: 2	posteriori	: 2	presents	: 2	teaching : 2
collaborate	: 2	unify	: 2	si	: 2	crops : 2
companies	: 2	minimization	: 2	e-applications	: 2	enjoy : 2
chen	: 2	organisms	: 2	protection	: 2	100 : 2
balance	: 2	museums	: 2	analysts	: 2	co-access : 2
appropriately	: 2	ln	: 2	actions	: 2	music : 2
tell	: 2	signi?cant	: 2	successful	: 2	multi-channel : 2
loss	: 2	90	: 2	root	: 2	originates : 2
super-class	: 2	reviewing	: 2	turn	: 2	m?a : 2
wrong	: 2	attempt	: 2	spargl	: 2	emphasize : 2
lost	: 2	hypotheses	: 2	decreasing	: 2	emotion : 2
feedback	: 2	executes	: 2	kong	: 2	exchange : 2
cpsocio-slns	: 2	fix	: 2	exhibits	: 2	hidden : 2
modification	: 2	thales	: 2	www.w3	: 2	waving : 2
clauses	: 2	intricately	: 2	conjectures	: 2	t. : 2
reused	: 2	forwarding	: 2	restricted	: 2	newly : 2
independence	: 2	rk	: 2 : 2	indices	: 2	silent : 2
grounding	: 2	viewing	: 2	creates	: 2	fuse : 2
researches	: 2	encouraging	: 2 : 2	implicates	: 2 : 2	annotated : 2
fiction	: 2		: 2 : 2	cyber-socio	: 2	
	: 2	serve	: 2	co-evolution	: 2	_
sees	: 2	abstracting	: 2	medias	: 2	
increment	: 2 : 2	tells	: 2 : 2		: 2 : 2	2
1961	: 2 : 2	recommended	: 2 : 2	brandow	: 2 : 2	completed : 2
gudivada		optimized		assessed	: ∠	
		l-psychological-soci			. 0	2
medical	: 2	consumer	: 2	reserve	: 2	syntax : 2
d3	: 2	depth	: 2	cross-platform	: 2	k-line : 2
salton	: 2	db	: 2	dx	: 2	supplies : 2
idioms	: 2	intervals	: 2	habit	: 2	detection : 2
correlational	: 2	inappropriate	: 2	windows	: 2	knowledge-processing: 2
received	: 2	t2	: 2	bachman	: 2	epidemic : 2
height	: 2	power-law	: 2	flexibly	: 2	collections : 2
light-weight	: 2	deepen	: 2	halevy	: 2	www.w3.org/rdf/ : 2
near	: 2	remembering	: 2	ii	: 2	trusted : 2
infeasible	: 2	inventors	: 2	opportunity	: 2	maximizing : 2
dementhon	: 2	1975	: 2	greatest	: 2	descending : 2
investments	: 2	left	: 2	yes	: 2	scalability : 2
monitored	: 2	similarities	: 2	emphasis	: 2	evidences : 2
utilization	: 2	tuples	: 2	massively	: 2	cross-area : 2
reuse	: 2	measurement	: 2	possibly	: 2	arbitrary : 2
signal	: 2	rdfs	: 2	n3	: 2	everything : 2
going	: 2	uml	: 2	participation	: 2	meanings : 2
repository	: 2	discord	: 2	webengineering	: 2	accepts : 2
intercultural	: 2	costs	: 2	cross-space	: 2	soa : 2
motivate	: 2	statements	: 2	publishing	: 2	preliminary : 2
4-star	: 2	categorization	: 2	compression	: 2	abstractions : 2
flying	: 2	anderson	: 2	medium	: 2	manufacturers : 2

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true	: 2	ni	: 2	cortex	: 2	equipments	: 2
moved	: 2	cause-	: 2	creative	: 2	dominated	: 2
answered	: 2	1'	: 2	authorof	: 2	cosine	: 2
isonomes	: 2	hawaii	: 2	mckeown	: 2	three-dimensional	: 2
uk	: 2	targets	: 2	satis?es	: 2	shares	: 2
heavily	: 2	meta-cognitive	: 2	magnetism	: 2	institute	: 2
globalization	: 2	chemical	: 2	resonance	: 2	logical	: 2
modifying	: 2	flexibility	: 2	predictions	: 2	arrest	: 2
introducing	: 2	1,2	: 2	equipped	: 2	ef?ciency	: 2
confucius	: 2	flu	: 2	longitude	: 2	nearest	: 2
arise	: 2	entrants	: 2	subconsciously	: 2	organizes	: 2
s3	: 2	s6	: 2	service-based	: 2	s4	: 2
optimal	: 2	connective	: 2	k-nn	: 2	accelerates	: 2
sectors	: 2	inform	: 2	pollution	: 2	acts	: 2
stability	: 2	argued	: 2	monitor	: 2	recommendations	: 2
interesting	: 2	offers	: 2	happened	: 2	correspondence	: 2
non	: 2	introduce	: 2	qualified	: 2	reforming	: 2
matched	: 2	year	: 2	ep	: 2	accomplish	: 2
banff	: 2	earlier	: 2	telegraphy	: 2	semi-autonomous	: 2
scheduled	: 2	axioms	: 2	training	: 2	selections	: 2
frequent	: 2	describing	: 2	fmri	: 2	unselfish	: 2
assimilates	: 2	brains	: 2	maybury	: 2	resourcetypes	: 2
apples	: 2	note	: 2	repeatedly	: 2	channel	: 2
printer	: 2	track	: 2	adaptability	: 2	considered	: 2
later	: 2	implications	: 2	senior	: 2	message	: 2
shot	: 2	use-cases	: 2	interdependent	: 2	fifth	: 2
awareness	: 2	appending	: 2	correctly	: 2	predicted	: 2
pang	: 2	ignored	: 2	lenzerini	: 2	physically	: 2
arouses	: 2	statistic	: 2	sites	: 2	boundaries	: 2
indexed	: 2	john	: 2	supermarket	: 2	propagation	: 2
unchanging	: 2	middle-level	: 2	innovations	: 2	61	: 2
67	: 2	math	: 2	preserves	: 2	capable	: 2
3.3	: 2	distinguishing	: 2	declining	: 2	rebuilt	: 2
file	: 2	radio-frequency	: 2	dataspace	: 2	finer	: 2
methodologies	: 2	eventually	: 2	laozi	: 2	sub-coordinate	: 2
someone	: 2	non-material	: 2	everyday	: 2	media	: 2
initialization	: 2	rfid	: 2	respected	: 2	investigates	: 2
fodor	: 2	skip	: 2	tracking	: 2	execute	: 2
recycled	: 2	touch	: 2	guides	: 2	priori	: 2
structural	: 2	warehouse	: 2	listening	: 2	symbolism	: 2
server	: 2	reduced	: 2	sequences	: 2	regina	: 2
sim content	: 2	specializing	: 2	felt	: 2	sixth	: 2
datamining	: 2	oj	: 2	theorems	: 2	mutually	: 2
rss	: 2	sql	: 2	einstein	: 2	shrinking	: 2
logics	: 2	hey	: 2	dtds	: 2	lot	: 2
cultures	: 2	combined	: 2	default	: 2	behavior-based	: 2
beliefs	: 2	replacing	: 2	planets	: 2	gruber	: 2
again	: 2	assessing	: 2	spatial	: 2	poor	: 2 : 2
requested	: 2	separate	: 2	airplanes	: 2	a4	: 2
requested	• 4	acharace	• 4	arrhranes	• 4	ui	. 4

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spouse	: 2	flexible	: 2	tiger	: 2	nelson	: 2	
starting	: 2	caused	: 2	coauthor	: 2	rd	: 2	
3-dimensional	: 2	equivalence	: 2	opportunities	: 2	ti	: 2	
homepage	: 2	invent	: 2	stimulus	: 2	t0	: 2	
biological	: 2	meta-model	: 2	functioning	: 2	situated	: 2	
nonlinear	: 2	consumers	: 2	subschema	: 2	overload	: 2	
version	: 2	attitudes	: 2	full	: 2	self-evolutionary	: 2	
ma	: 2	compressed	: 2	de?ne	: 2	stretching	: 2	
prior	: 2	simply	: 2	webservices	: 2	trained	: 2	
literary	: 2	conventional	: 2	navigating	: 2	iteratively	: 2	
lowering	: 2	pmachines	: 2	door	: 2	knows	: 2	
raghavan	: 2	visualizing	: 2	cm	: 2	keeping	: 2	
middle	: 2	besides	: 2	challenging	: 2	impacts	: 2	
scan	: 2	human-to-data	: 2	states	: 2	primitives	: 2	
human?machine	: 2	bit	: 2	tried	: 2	questioning	: 2	
sold	: 2	shortcomings	: 2	specifying	: 2	s5	: 2	
www.w3.org/2004/owl	/ : 2	developer	: 2	rapidly	: 2	28	: 2	
verifies	: 2	microscopic	: 2	alter	: 2	pursue	: 2	
planetary	: 2	sensortype	: 2	finite	: 2	presented	: 2	
instruct	: 2	daume	: 2	knight	: 2	investigated	: 2	
edmundson	: 2	personalization	: 2	decline	: 2	hill	: 2	
semiotic	: 2	5-star	: 2	co-location	: 2	neglected	: 2	
helping	: 2	redundancy-free	: 2	introduction	: 2	divorce	: 2	
paranomes	: 2	bluemix	: 2	identity	: 2	qps	: 2	
differentiate	: 2	entropy	: 2	clarifying	: 2	next-generation	: 2	
higher-level	: 2	si2	: 2	empirically	: 2	quillian	: 2	
mirella	: 2	electric	: 2	74	: 2	stands	: 2	
particularly	: 2	sparrow	: 2	factor	: 2	invoke	: 2	
connections	: 2	externalizes	: 2	enemy	: 2	intensive	: 2	
orthogonality	: 2	prs2	: 2	logistic	: 2	activity	: 2	
att	: 2	precaution	: 2	wvtool	: 2	2.0	: 2	
connectionism	: 2	visiting	: 2	currently	: 2	smallest	: 2	
self-replication	: 2	general-purpose	: 2	relying	: 2	finds	: 2	
corresponds	: 2	dimensional	: 2	throughout	: 2	pr	: 2	
mid-term	: 2	johannes	: 2	reliable	: 2	pylyshyn	: 2	
aeroplanes	: 2	carbon	: 2	evenly	: 2	hadoop	: 2	
cyber-mental	: 2	expressiveness	: 2	necessity	: 2	implementation	: 2	
human-centered	: 2	depending	: 2	chemistry	: 2	supervise	: 2	
4th	: 2	addresses	: 2	relevancy	: 2	advertisements	: 2	
quarantees	: 2	customers	: 2	format	: 2	showing	: 2	
interconnected	: 2	inconsistent	: 2	budapest	: 2	emergence	: 2	
rejects	: 2	discrete	: 2	b.	: 2	berger	: 2	
investigating	: 2	accepted	: 2	fragments	: 2	super-classes	: 2	
professionals	: 2	re?ected	: 2	qing	: 2	chomsky	: 2	
extensions	: 2	prices	: 2	hears	: 2	suspicious	: 2	
86	: 2	impressed	: 2	arrow	: 2	veracity	: 2	
files	: 2	maturity	: 2	sum	: 2	accessibility	: 2	
organizational	: 2	prede?ned	: 2	orderly	: 2	rewriting	: 2	
implements	: 2	proposal	: 2	chairof	: 2	expressing	: 2	
impiemence	• -	proposar	• -	CHATTOI	• -	empressing	• =	

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regulations	: 2	baxendale	: 2	ago	: 2	calculates	: 2
tested	: 2	classic	: 2	broader	: 2	disposal	: 2
one-dimensional	: 2	popularity	: 2	worldviews	: 2	organizations	: 2
paternity	: 2	notes	: 2	reasoning/navigati		logistics	: 2
smaller	: 2	odp	: 2	sensation	: 2	lp	: 2
cat	: 2	index	: 2	optimize	: 2	flowing	: 2
3d	: 2	lee	: 2	highly	: 2	believed	: 2
safer	: 2	semantics-based	: 2	assertion	: 2	equals	: 2
names	: 2	socrates	: 2	estimated	: 2	0.3	: 2
iii	: 2	customer	: 2	account	: 2	displayed	: 2
0.2	: 2	0.7	: 2	united	: 2	cancelation	: 2
service-oriented	: 2	zooming-in	: 2	demonstrates	: 2	monitoring	: 2
revising	: 2	lk	: 2	separations	: 2	redundant	: 2
synchronization	: 2	metaphors	: 2	looking	: 2	iteration	: 2
agricultural	: 2	micro-environment	: 2	lapata	: 2	chosen	: 2
tenenbaum	: 2	latitude	: 2	epistemology	: 2	grow	: 2
text-only	: 2	storyboard	: 2	fields	: 2	activate	: 2
inevitably	: 2	88	: 2	luhn	: 2	converted	: 2
nowadays	: 2	investigate	: 2	g2	: 2	autopilot	: 2
disclose	: 2	york	: 2	1980	: 2	sustainability	: 2
specification	: 2	davis	: 2	restaurants	: 2	nutrition	: 2
radev	: 2	owner	: 2	synthesizing	: 2	ordering	: 2
branches	: 2	rsn	: 2	acquire	: 2	si1	: 2
policeman	: 2	institution	: 2	hypercycle	: 2	claim	: 2
incompleteness	: 2	kleinberg	: 2	abstracts	: 2	shrinks	: 2
clip	: 2	curves	: 2	univesity	: 2	acceleration	: 2
chiba	: 2	relatives	: 2	realizes	: 2	worldwide	: 2
deploy	: 2	identi?cation	: 2	reduces	: 2	semanticweb	: 2
close-core	: 2	gather	: 2	hong	: 2	painting	: 2
c2x	: 2	50	: 2	impression	: 2	samejournal	: 2
supported	: 2	partners	: 2	jam	: 2	inherited	: 2
fuel	: 2	formulate	: 2	handle	: 2	queried	: 2
syntaxes	: 2	qi	: 2	generations	: 2	frame	: 2
operated	: 2	identification	: 2	regulates	: 2	linguistics	: 2
ld	: 2	undetermined	: 2	limits	: 2	edinburgh	: 2
party	: 2	passing	: 2	fayyad	: 2	detailed	: 2
ci	: 2	CS	: 2	lies	: 2	challenged	: 2
sercurity	: 2	collaborators	: 2	tycho	: 2	unlike	: 2
propagated	: 2	ar	: 2	archival	: 2	ekin	: 2
manually	: 2	intangible	: 2	surface	: 2	dual	: 2
descriptive	: 2	sequentially	: 2	ing	: 2	privileges	: 2
member	: 2	unity	: 2	most-cited	: 2	swrl	: 2
unconventional	: 2	solved	: 2	transformational	: 2	contribution	: 2
polymorphism	: 2	neural	: 2	comparisons	: 2	semiotics	: 2
joining	: 2	41	: 2	supply	: 2	gmin	: 2
close-loop	: 2	identical	: 2	increased	: 2	non-null	: 2
five	: 2	2nd	: 2	transmitting	: 2	crawled	: 2
loses	: 2	1.	: 2	c1x	: 2	affect	: 2
repositories	: 2	platforms	: 2	proper	: 2	listed	: 2
rebosicories	• 4	Pracrorms	• 4	brober	• 4	TIBLEA	• 4

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neglecting	: 2	leaf	: 2	overlay	: 2	demonstrated	: 2		
biology	: 2	obey	: 2	doctors	: 2	fused	: 2		
recognized	: 2	transitive	: 2	up-closures	: 2	assess	: 2		
thief	: 2	1986	: 2	1985	: 2	synthesized	: 2		
transfer	: 2	outline	: 2	1988	: 2	subjective	: 2		
helpful	: 2	eat	: 2	cells	: 2	frequency	: 2		
mechanics	: 2	farthest	: 2	dissemination	: 2	top-down	: 2		
48	: 2	details	: 2	setting	: 2	ultimately	: 2		
pathways	: 2	astronomy	: 2	inspiration	: 2	diameter	: 2		
rural	: 2	million	: 2	positions	: 1	homomorphism	: 1		
two-dimensional	: 1	getclosure	: 1	personally	: 1	monte	: 1		
yellow	: 1	facilities	: 1	heliocentric	: 1	prognostics	: 1		
=	: 1	whose	: 1	rdb	. 1	feeding	: 1		
forget	: 1 : 1	whose bi	: 1			4nf	: 1		
prusak				spec-apart-gen	: 1				
multi-agents	: 1	preprocess	: 1	featuring	: 1	1	: 1		
downstream	: 1	add/remove	: 1	regional	: 1	splitting	: 1		
first-level	: 1	resoning	: 1	updates	: 1	bringing	: 1		
differentiated	: 1	open-source	: 1	herbert	: 1	non-action-centered			
suite	: 1	guiding	: 1	markov	: 1	commented	: 1		
locked-in	: 1	achievements	: 1	concise	: 1	mail	: 1		
feasibility	: 1	surrounding	: 1	long-run	: 1	fuses	: 1		
rsi2	: 1	reber	: 1	seventh	: 1	leaning	: 1		
sunspot	: 1	here	: 1	refinement	: 1	granularity	: 1		
quite	: 1	interpret	: 1	violate	: 1	slow	: 1		
normalizes	: 1	precede	: 1	dependencies	: 1	zubiaga	: 1		
criticism	: 1	concept-to-concept	: 1	continue	: 1	initialize	: 1		
http://www.ibm.com	n/big-data:			: 1 stern		: 1 forums		: 1	
telegraph-based	: 1	tm	: 1	navlakha	: 1	tk	: 1		
fragmentary	: 1	hahn	: 1	gries	: 1	populations	: 1		
textnet	: 1	award	: 1	phone	: 1	hofmann	: 1		
correspondingly	: 1	qazvinian	: 1	knowledge-level	: 1	striving	: 1		
sleep	: 1	uzzaman	: 1	me	: 1	1990	: 1		
1994	: 1	wot	: 1	wise	: 1	rationalists	: 1		
wang	: 1	iterative	: 1	self-reasoning	: 1	drive	: 1		
autonomy	: 1	incurs	: 1	hofman	: 1	hop	: 1		
significance	: 1	lan	: 1	beauty	: 1	arcs	: 1		
deletion	: 1	minimized	: 1	input-output	: 1	misunderstanding	: 1		
objectively	: 1	curiosity	: 1	subfieldof	: 1	retail	: 1		
greek	: 1	ultimate	: 1	wind	: 1	temporally	: 1		
office	: 1	prospective	: 1	reforms	· 1	2-star	: 1		
designeros	• 1	1-10	: 1	knowledge-intensive		body-centered	: 1		
	: 1	84	: 1		. 1		: 1		
samelanguage				encapsulated		goal-oriented			
2020	: 1	carton	: 1	life-form	: 1	cref	: 1		
reasonability	: 1	diseases	: 1	interdisciplinary	: 1	peoples	: 1		
birth	: 1	penetration	: 1	multidimensional	: 1	one-to-one	: 1		
rik	: 1	backgrounds	: 1	concept-space	: 1	classifies	: 1		
		cognitive-computing:	_ 1	schemes : 1	T	financial : 1			
telescope	: 1								
meets	: 1	conjoint	: 1	399	: 1	driving	: 1		

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convenience	: 1	combinatorial	: 1	encourage	: 1	safety : 1	
got	: 1	intentionality	: 1	interrelated	: 1	yesterday : 1	
tian	: 1	salient	: 1	cross-referenced	: 1	<pre>search/navigation/browsing: 1</pre>	
incorporates	: 1	seger	: 1	bates	: 1	argument : 1	
+2	: 1	isi	: 1	recite	: 1	social/individual : 1	
additions	: 1	i.	: 1	wind-rose	: 1	<pre>implicated : 1</pre>	
navigator	: 1	remotely	: 1	electronic	: 1	specially : 1	
stimulation	: 1	cartesian	: 1	bottom-up	: 1	tired : 1	
goldbach	: 1	approximately	: 1	plentiful	: 1	man-machine : 1	
rates	: 1	hypothetical	: 1	dhar	: 1	inflow : 1	
cyber-concept	: 1	relation-based	: 1	built-in	: 1	cabig : 1	
inexact	: 1	wisdom	: 1	commonsenses	: 1	anchor : 1	
western	: 1	wasted	: 1	self-organizing	: 1	predesigned : 1	
connectionist	: 1	uris	: 1	1976	: 1	achieved : 1	
stimuli	: 1	acquisition	: 1	fashion	. 1 : 1	respecting : 1	
		<u>-</u>				1968 : 1	
discussing	: 1	rau	: 1	manner	: 1		
1963	: 1	educator	: 1	angle	: 1	https://smartmanufacturingcoalition	.org:
1	-1		1		1	1.6	
lists	: 1	scripts	: 1	retaining	: 1	self-complete : 1	
individuals/objects		cyc	: 1	episode	: 1	lose : 1	
tangible	: 1	competitors	: 1	uniqueness	: 1	<pre>inter-coordinate : 1</pre>	
incomplete	: 1	silber	: 1	cooking	: 1	opinions : 1	
encapsulation	: 1	labels	: 1	7.2	: 1	attempts : 1	
radio	: 1	choices	: 1	maccarthy	: 1	subtle : 1	
certainly	: 1	trade-off	: 1	clicked	: 1	fisher : 1	
govern	: 1	borrowed	: 1	explorations	: 1	dj : 1	
localizing	: 1	prefaces	: 1	scalable	: 1	preferred : 1	
html-based	: 1	hubble	: 1	extremely	: 1	li1 : 1	
seemly	: 1	unconsciously	: 1	layout	: 1	hall : 1	
laterthan	: 1	edvac	: 1	protocols	: 1	release : 1	
hasten	: 1	steam	: 1	black	: 1	10,17 : 1	
peripheral	: 1	sameage	: 1	emergent	: 1	infectious : 1	
w1	: 1	holding	: 1	c-sln	: 1	sln-ds : 1	
success	: 1	lenat	: 1	exponent	: 1	predecessor : 1	
away	: 1	c2y	: 1	symmetric	: 1	taxonomies : 1	
discovers	: 1	never	: 1	smelled	: 1	restricting : 1	
wk	: 1	diapers	: 1	mcafee	: 1	effect-aware : 1	
harvard	: 1	clues	: 1	linkage	: 1	accident : 1	
clancey	: 1	reported	: 1	sculpture	: 1	biologically : 1	
deletions	: 1	tracks	: 1	originaladdlink	: 1	games : 1	
receives	: 1	exceeds	: 1	negotiation	: 1	tradoff : 1	
co-naviation	: 1	webmining	: 1	initiative	: 1	comprehension : 1	
trust	: 1	speak	: 1	surrogate	: 1	positively : 1	
patch	: 1	beer	: 1	leaderof	: 1	mccallum : 1	
algebras	: 1	duties	: 1	questioned	: 1	website : 1	
uni?ed	: 1	ebdata	: 1		: 1		
				sjp		2	
coincides	: 1	foucault	: 1	nature-inspired	: 1	solves : 1	
mcs	: 1	productof	: 1	mcp	: 1	forum : 1	
reciprocal	: 1	www.wikipedia.org	: 1	combing	: 1	suppose : 1	

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teachers	: 1	leaves	: 1	davenport	: 1	procedure	: 1	
facility.room	: 1	economics	: 1	encyclopedias	: 1	reinventions	: 1	
machine-enabled	: 1	grammars	: 1	linkedin	: 1	actuates	: 1	
id	: 1	agarwal	: 1	drawers	: 1	roland	: 1	
ispartof	: 1	www2005	: 1	grows	: 1	www2002	: 1	
comparies	: 1	?exible	: 1	characters	: 1	military	: 1	
http://www.w3.org/				: 1 adopting		: 1 simulates	: 1	
13-16	: 1	1977	: 1	inherit	: 1	ocean	: 1	
unsuitable	: 1	incapable	: 1	non-trivial	: 1	cts	: 1	
32,33	: 1	tremendous	: 1	ecosystems	: 1	catalytic	: 1	
gn	: 1	character	: 1	makers	: 1	picture-based	: 1	
humanity	: 1	gave	: 1	sql-like	: 1	desire	: 1	
multi-dimensions	: 1	19,20,25	: 1	s1.b	: 1	shadow	: 1	
yager	: 1	brought	: 1	59	: 1	58	: 1	
s1.a	: 1	55	: 1	54	: 1	57	: 1	
56	: 1	53	: 1	informative	: 1	misled	: 1	
belongto	: 1	sparse	: 1	common-purpose	: 1	human-to-machine	: 1	
quests	: 1	calculus	: 1	aptitude	: 1	shuttles	: 1	
simplicity	: 1	successfully	: 1	born	: 1	offer	: 1	
sure	: 1	pain	: 1	intellect	: 1	socio-technical	: 1	
dense	: 1	electromagnetic	: 1	boyle	: 1	asking	: 1	
shakespeare	: 1	mechanizes	: 1	statistician	: 1	tewfik	: 1	
toccurs	: 1	peer	: 1	super	: 1	mihalcea	: 1	
deletes	: 1	chapter	: 1	augmented	. 1 : 1	rule-on-attribute		
deduced	: 1	cyber-physical-soc		misleading	: 1	unformulated	: 1	
constructivism	: 1		: 1	v.qazvinian	: 1	e-business	: 1	
refines	: 1	nerve balances	: 1		: 1	dean	: 1 : 1	
	: 1	rs0	: 1	dreyfus	: 1		: 1 : 1	
takepartin				topologies		conservation		
editor 1	: 1	1970	: 1	www.knowledgegrid.n	iet/~n.znu	ge/sin.num: 1	call	:
armbrust	: 1	on-line	: 1	hanny	: 1	capacities	: 1	
	: 1	friederici	: 1	happy enabled	: 1	failure	: 1	
denoting			: 1		: 1		: 1 : 1	
blood	: 1	incorporation		rule34		solar	: 1 : 1	
neurons	: 1	deepest	: 1	representational	: 1 : 1	builds	: 1	
friday	: 1	one-way	: 1	prevents		model-driven		
attached	: 1	annotations	: 1	journal/conference	: 1	simplifying	: 1	
human-created	: 1	mtl	: 1	neighboring	: 1	precious	: 1	
adopt	: 1	b3	: 1	problem-oriented	: 1	rt2	: 1	
guage	: 1	proaches	: 1	keynotes	: 1	nemes	: 1	
developers	: 1	shrink	: 1	inter-point	: 1	football	: 1	
professional	: 1	authorities	: 1	neuroscience	: 1	dispersed	: 1	
billion	: 1	progresses	: 1	reorganization	: 1	fattah	: 1	
work?ows	: 1	krakauer	: 1	co-occurrences	: 1	irrigation	: 1	
2dk	: 1	reviewers	: 1	triangle-based	: 1	initiates	: 1	
themes	: 1	91	: 1	individual/object/r			: 1	
92	: 1	condition-action	: 1	father	: 1	1947	: 1	
1944	: 1	earthquake	: 1	prolonging	: 1	marks	: 1	
analogous	: 1	1991	: 1	charles	: 1	telegraph	: 1	
zhang		www.w3.org/xml/sch		unfamiliar	: 1	meta-models	: 1	

Tim Ins_Tiprogramizonpoolez		••						2010-17120-1
cyberphysical	: 1	rationality	: 1	artwork	: 1	cook	: 1	
nomes	: 1	perceived	: 1	1704	: 1	proposals	: 1	
venue	: 1	h-lam/t	: 1	long-time	: 1	zoom-in-and-zoom-d	out: 1	
perceptual	: 1	community-infrast	ructure: 1	location-based	: 1	says	: 1	
insignificant	: 1	multi-agent	: 1	dealing	: 1	ls1	: 1	
affiliation	: 1	slowed	: 1	unconnected	: 1	initialized	: 1	
ashburner	: 1	synthesis	: 1	ancient	: 1	inter-community	: 1	
cyber-physical-ph	nysiologica	l-psychological-socio	omental: 1	rationalizes	: 1	blueprint	: 1	
improvable	: 1	1 1				-		
shuttle	: 1	pairwise	: 1	decidability	: 1	phonological	: 1	
separates	: 1	17,27	: 1	phumans	: 1	ref	: 1	
http://www.w3.org	g/tr/html5/	: 1 www.w3.org	/tr/2004/red	c-rdf-mt-20040210: 1	seg	mented : 1	1	
queue	: 1	_			-			
spheres	: 1	s.t.	: 1	7,42	: 1	windowing	: 1	
picture-text	: 1	genuinely	: 1	k.j.holyoak	: 1	losing	: 1	
logically	: 1	reinvention	: 1	internet/web	: 1	reachability	: 1	
additive	: 1	identifiable	: 1	locate/reason/navi		tightly	: 1	
scenarios	: 1	bases	: 1	gartner	: 1	encode	: 1	
approximate	: 1	diagrams	: 1	ports	: 1	high-speed	: 1	
clicking	: 1	bio-inspired	: 1	supervisorof	: 1	visual	: 1	
appendix	: 1	oop	: 1	cyber-physical-soc				: 1
tea-cultural	: 1	julius	: 1	car	: 1	9th	: 1	• -
speci?cation	: 1	semi-automatic	: 1	cad	: 1	petabytes	: 1	
portals	: 1	ever	: 1	locke	: 1	?s	: 1	
heard	: 1	cube	: 1	refine	: 1	coincident	: 1	
heckerman	: 1	spa	: 1	orbits	: 1	dennis	: 1	
socio-natural	: 1	behavioral	: 1	absolute	: 1	divides	: 1	
mac	: 1	cradle-to-cradle	: 1	annotation	: 1	lemmas	: 1	
categorizing	: 1	symphony	: 1	compressing	: 1	fluent	: 1	
ones	: 1	16,41	: 1	seeing	: 1	step-by-step	: 1	
equip	: 1	ieee	: 1	extreme	: 1	observational	: 1	
constituted	: 1	emits	: 1	causation	: 1	conveying	: 1	
usa	: 1	halt	: 1	conversations	: 1	ls2	: 1	
1950	. 1 : 1	now	: 1	lineage	: 1	locator	. 1	
directories	: 1	enrichment	: 1	5.2	: 1		• 1	
co-experiences	: 1	ereasoning	: 1	subcluster/partof	: 1	axis/point in?uenced	. 1	
snapshots	: 1	conventions	: 1	replay	: 1	organic	: 1	
small-scale	. 1 : 1		: 1	coincidentally	: 1	furthermore	• 1	
	: 1	arcr	: 1	<u>-</u>	: 1		: 1	
investigation	: 1	receiving		sensor	: 1	correct		
cars		unfriendly	: 1	liben-nowell		uncover	: 1	
teufel	: 1	copernicus	: 1	advance	: 1	curation	: 1	
catalog	: 1	routed	: 1	machine-to-machine		routes	: 1	
misused	: 1	associates	: 1	fetched	: 1	624	: 1	
spoken	: 1	bargaining	: 1	waves	: 1	arduous	: 1	
methodological	: 1	ring	: 1	mouaddib	: 1	minimizes	: 1	
checked	: 1	personalities	: 1	categorical	: 1	image-like	: 1	
anyone	: 1	draft	: 1	realization	: 1	cost-effective	: 1	
speaking	: 1	fraction	: 1	hub	: 1	copj	: 1	
proving	: 1	closures	: 1	paranome	: 1	immediate	: 1	

absorbs : 1 proactive : 1 sup : 1	inventor : 1	require	: 1	outcome : 1
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aum . 1	inferring : 1	manufacture	: 1	addressing : 1
sup : 1	tasted : 1	generality	: 1	quits : 1
recover : 1	subsystems : 1	offering	: 1	http://www.industrialinternetconsortium.org:
1	_	<u>-</u>		-
strengths : 1	motivated : 1	formulas	: 1	begin : 1
friedman : 1	paid : 1	donation	: 1	importantly : 1
navigability : 1	sun : 1	concerning	: 1	hungry : 1
speci?ed : 1	mri : 1	duplication	: 1	typically : 1
nls : 1	german : 1	entity-relation	: 1	workshops : 1
gravitation : 1	commitments : 1	purses	: 1	decompositions : 1
extents : 1	forecast : 1	imagined	: 1	hyperlinked : 1
upgrade : 1	lish : 1	dick	: 1	suggests : 1
veri?cation : 1	invisible : 1	unavailable	: 1	viewpoint : 1
infallibly : 1	mission : 1	readablitiy	: 1	mechanization : 1
classmateof : 1	pijl : 1	11,31	: 1	reveal : 1
artist : 1	covering : 1	versions	: 1	medial : 1
planned : 1	subtype : 1	rt.	: 1	link-based : 1
interchange : 1	re-emerge : 1	1921	: 1	cim : 1
1928 : 1	natureq : 1	howe	: 1	estab : 1
inequalities : 1	politic : 1	url-based	: 1	551 : 1
navigated : 1	sponsorship : 1	older	: 1	invokes : 1
streaming : 1	navigates : 1	geometric	: 1	across : 1
arrival : 1	jobs : 1	43	: 1	controllable : 1
originated : 1	screen : 1	analyzes	: 1	offices : 1
formalization : 1		reaction	: 1	
	analyzer : 1 resides : 1	469	: 1	higher-energy : 1 george : 1
acquiring : 1 75 : 1		document-to-documen		
	<u> </u>			±
60 : 1	62 : 1 68 : 1	63	: 1	64 : 1
stretched : 1		69	: 1	comprehend : 1
keqiang : 1	synergize : 1	normalizing	: 1	shroff : 1
analogies : 1	speci?es : 1	engine	: 1	28,47 : 1
convincible : 1	win-rose : 1	sim_vec	: 1	observers : 1
perceptions : 1	former : 1	disconnected	: 1	tractable : 1
higher-ranking : 1	profiles : 1	n't	: 1	www.w3.org/tr/owl-features/: 1
ongoing : 1	overcome : 1	policies	: 1	enriches : 1
ir : 1	determination : 1	regularity	: 1	embrace : 1
attributed : 1	bridging : 1	loosing	: 1	sameproject : 1
movements : 1	binary : 1	revolutions	: 1	200usd : 1
centuries : 1	faculty : 1	n-dimensional	: 1	cek : 1
www.dmoz.org : 1	invariance : 1	cr	: 1	xi/xj : 1
obeyed : 1	varied : 1	largely	: 1	ccs : 1
relied : 1	comer : 1	36,44	: 1	meta-languages : 1
panorama : 1	colleague : 1	actress	: 1	participates : 1
industry-leading : 1	excellent : 1	overlapped	: 1	catalytic-support : 1
secondly : 1	cancer : 1	trigger	: 1	<pre>improvement : 1</pre>
sk : 1	complements : 1	extensive	: 1	http://www.imscenter.net: 1
styles : 1	mystery : 1	kupiec	: 1	differentiation : 1
marcus : 1	http://www.w3.org/xml: 1	pnetworks	: 1	co-evolves : 1

THE THE _ THE OFFICE HOLD CONTROL _ TOTAL	ationiti i dioibit						2010-	.,,====
hereafter	: 1	satisfaction	: 1	suppliers	: 1	facing	: 1	
re-focusing	: 1	fully	: 1	resolved	: 1	internet-mediated	: 1	
trying	: 1	grouping	: 1	evidencing	: 1	bankruptcies	: 1	
rule2	: 1	66	: 1	simulator	: 1	truths	: 1	
pk	: 1	chronology	: 1	fall	: 1	co-wave	: 1	
shortcoming	: 1	co-constitution	: 1	single-pass	: 1	72	: 1	
behavior-centered	: 1	mood	: 1	memories	: 1	extensively	: 1	
consuming	: 1	pioneer	: 1	provider	: 1	gradully	: 1	
cliques	: 1	seconds	: 1	fitness	: 1	broker	: 1	
simplifications	: 1	modi?ed	: 1	notably	: 1	leadership	: 1	
computing.evolution	: 1	1935	: 1	sixty	: 1	complementation	: 1	
ok	: 1	origins	: 1	stations	: 1	acm	: 1	
practical	: 1	wolf	: 1	heavy	: 1	locally	: 1	
film	: 1	inclusion	: 1	color-coded	: 1	exploiting	: 1	
cikm2012	: 1	theoretically	: 1	9,24	: 1	performing	: 1	
part-of	: 1	forwarded	: 1	sampling	: 1	sale	: 1	
org/xml	: 1	rsik	: 1	tight	: 1	human-data	: 1	
wernicke	: 1	younger	: 1	philosophers	: 1	systematically	: 1	
correlated	: 1	1599	: 1	graedel	: 1	shannon	: 1	
polynemes	: 1	rsi1	: 1	cooker	: 1	resolving	: 1	
unveils	: 1	arranges	: 1	exemplar	: 1	d.r.radev	: 1	
strongly	: 1	wants	: 1	ranges	: 1	gong	: 1	
am	: 1	ch	: 1	tasty	: 1	formulation	: 1	
4.0	: 1	cyberspaceq	: 1	?lm	: 1	multi-level	: 1	
clauset	: 1			immunity	: 1	non-symbol	: 1	
vertex	: 1	independency	: 1	coverage	: 1	requester	: 1	
included	: 1	missed	: 1	multi-medias	: 1	conceptualizing	: 1	
partitioned	: 1	curve	: 1	c1p	: 1	internalized	: 1	
impossibility	: 1	resembles	: 1	nutrient	: 1	classical	: 1	
finally	: 1	reorganized	: 1	pointing	: 1	search/surf/zoom	: 1	
er	: 1	kckeown	: 1	sourceforge.net/pro	iects/wvto	ool: 1 executin	q : 1	
assessment	: 1	dish	: 1	expressions	: 1	referring	: 1	
re	: 1	tv	: 1	watch	: 1	tn	: 1	
ontologists	: 1	life-cycle	: 1	heterogeneity	: 1	sameeditor	: 1	
relieve	: 1	straightforward	: 1	song	: 1	saved	: 1	
domain-specific	: 1	smartphones	: 1	davisapril	: 1	han	: 1	
ticket	: 1	neurological	: 1	induced	: 1	louis	: 1	
globality	: 1	friendof	: 1	joined	: 1	rationally	: 1	
dataflow	: 1	workloads	: 1	inorganic	: 1	20th	: 1	
reemerge	: 1	meta-cognition	: 1	adoptability	: 1	perspectives	: 1	
china.beijing	: 1	ghemawat	: 1	internet-of	: 1	causally	: 1	
brief	: 1	,1969	: 1	inter-dependent	: 1	mutual-influence	: 1	
1-star	: 1	hear	: 1	xml&w	: 1	revealing	: 1	
object-attribute-va		promising	: 1	1948	: 1	behaviour	: 1	
economists	: 1	directions	: 1	high-rank	: 1	applicable	: 1	
provably	: 1	discoveries	: 1	amount	: 1	provable	: 1	
common-sense	: 1	narrow	: 1	uniquely	: 1	judge	: 1	
relevant-to-core	: 1	buses	: 1	gick	: 1	editors	: 1	
screens	: 1	commonalities	: 1	eye	: 1	distinct	: 1	
				<u>-</u>				

Tita IIIB_Tiprogramizonpoole						70:0-17120H 10:12
codify	: 1	induction : 1	compensate	: 1	+3 : 1	
abridged	: 1	operators : 1	pairs	: 1	documental : 1	
telephone	: 1	vn : 1	coincidently	: 1	machine-data-machine: 1	
equation	: 1	coalition : 1	friendly	: 1	remain : 1	
outstanding	: 1	fulfil : 1	statically	: 1	szalay : 1	
accept	: 1	attain : 1	exclude	: 1	internalizing : 1	
lacks	: 1	identi?ed : 1	recursive	: 1	awkward : 1	
creater	: 1	plans : 1	+1	: 1	transfers : 1	
http://www.google	e.org/flutr	cends/: 1 attaching	: 1 rascl	hia	: 1 half-centur	y : 1
wirth	: 1	<pre>space?artifact : 1</pre>	panoramic	: 1	action-centered : 1	
adventure	: 1	coming : 1	lifecycle	: 1	deluxe : 1	
shortening	: 1	documentation : 1	actuators.it	: 1	anytime : 1	
brynjolfsson	: 1	mislead : 1	+5	: 1	broadcasting : 1	
pay	: 1	facebook : 1	egg	: 1	bene?ts : 1	
ins	: 1	rayport : 1	held	: 1	braher : 1	
filters	: 1	entscheidungsproblem: 1	grade	: 1	epistemological : 1	
synthesize	: 1	might : 1	gaze-centered	: 1	fool : 1	
generously	: 1	seeking : 1	preservation	: 1	compound : 1	
meaningless	: 1	instructionq : 1	instructions	: 1	reconstruction : 1	
adjacent	: 1	always : 1	habits	: 1	self-motivation : 1	
incompatible	: 1	characterized : 1	referred	: 1	sketches : 1	
everyone	: 1	49,50 : 1	house	: 1	brother : 1	
co-constitute	: 1	initiatives : 1	divide	: 1	unnatural : 1	
redo	: 1	participants : 1	offline	: 1	attentions : 1	
reporting	: 1	reformulated : 1	citation-based	: 1	deepening : 1	
heads	: 1	sauna : 1	deletenode	: 1	leverage : 1	
owners	: 1	benefits : 1	thread	: 1	positioning : 1	
running	: 1	districts : 1	conducted	: 1	http://hadoop.apache.og	: 1
leading	: 1	attracting : 1	pronunciations	: 1	unsatisfied : 1	
engagement	: 1	graesser : 1	someday	: 1	human-machine-nature: 1	
78	: 1	well-known : 1	1874	: 1	thinkers : 1	
miss	: 1	cyber-infrastructures: 1	guaranteeing	: 1	script :	1
complemented	: 1	moderately : 1	regulation	: 1	hundred : 1	
shifted	: 1	distribu : 1	muscles	: 1	passed : 1	
afantenos	: 1	?rstly : 1	measurable	: 1	characterizing : 1	
query-focused	: 1	unrepresented : 1	prevent	: 1	instruction : 1	
incites	: 1	contrary : 1	risks	: 1	sameyear : 1	
activity-level	: 1	remembers : 1	deciding	: 1	electroencephalography:	1
5-tuple	: 1	ecologists : 1	recreate	: 1	empiricists : 1	
randomly	: 1	contest : 1	karl	: 1	outputting : 1	
nights	: 1	luckmann : 1	superior	: 1	lin : 1	
officers	: 1	life-time : 1	caesar	: 1	deletelinkupdate : 1	
analogs	: 1	warnings : 1	albert	: 1	feature-based : 1	
react	: 1	virus : 1	position	: 1	britton : 1	
79	: 1	salary : 1	forgets	: 1	understands : 1	
65	: 1	unsupervised : 1	mediation	: 1	unreasonable : 1	
drawing	: 1	sc-nf2 : 1	li2	: 1	usual : 1	
hyperlinking	: 1	pronome : 1	stones	: 1	flicker : 1	
tagging	: 1	smoot : 1	headlines	: 1	ontology-change : 1	
	• +	• I	11000111169	• +	oncorogy change . 1	

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parameters	: 1	saint-paul	: 1	clicks	: 1	writer	: 1	
e14	: 1	affiliations	: 1	flights	: 1	indian	: 1	
eruptions	: 1	darwin	: 1	4-dimensional	: 1	special-purpose	: 1	
intractable	: 1	externalized	: 1	domestic	: 1	consanguinity	: 1	
observatory	: 1	rt1	: 1	model-based	: 1	contextual	: 1	
deductive	: 1	data-to-data	: 1	showed	: 1	dividing	: 1	
wrote	: 1	detail	: 1	text-text	: 1	coined	: 1	
deploying	: 1	muthukrishnan	: 1	learns	: 1	threats	: 1	
probable	: 1	dn	: 1	distinctive	: 1	familiarity	: 1	
formatted	: 1	rejecting	: 1	sameaf?liation	: 1	representatives	: 1	
misjudge	: 1	pn	: 1	mismatch	: 1	favor	: 1	
g.cormode	: 1	recently	: 1	conroy	: 1	lik	: 1	
coffee	: 1	response	: 1	cross-disciplinary	: 1	observer	: 1	
justifying	: 1	magnetic-resonance	: 1	last	: 1	reverse	: 1	
treated	: 1	3-star	: 1	re?ection	: 1	connection	: 1	
became	: 1	focused	: 1	load	: 1	volcanic	: 1	
loan	: 1	recycling	: 1	pm	: 1	upgrades	: 1	
expensive	: 1	kernels	: 1	transformations	: 1	acceptance	: 1	
human-human	: 1	whom	: 1	engelbart	: 1	meeting	: 1	
intension	: 1	di?cult	: 1	roy	: 1	counting	: 1	
pop-up	: 1	transferring	: 1	gas	: 1	self-organizes	: 1	
sub-shcema	: 1	systematic	: 1	surveys	: 1	probview	: 1	
solid	: 1	corpora	: 1	accidently	: 1	evaluates	: 1	
projecting	: 1	p.	: 1	nine	: 1	low-energy	: 1	
supposed	: 1	8,21	: 1	reads	: 1	obstacle	: 1	
contradiction	: 1	rif	: 1	attach	: 1	overlays	: 1	
alarm	: 1	re-maintaining	: 1	topically	: 1	newtonian	: 1	
resulting	: 1	day	: 1	second-level	: 1	lie	: 1	
reversion	: 1	ri2	: 1	ri1	: 1	novwak	: 1	
kosko	: 1	domain-speci?c	: 1	stack	: 1	emphasizing	: 1	
kintsch	: 1	inferential-transfo			• +	: 1 re?ned	• ±	: 1
globus	: 1	spent	: 1	mathematicians	: 1	converged	: 1	. 1
machinery	: 1	meanwhile	: 1	latter	: 1	http://www.w3.org/		
named	: 1	formulated	: 1	indexes	: 1	aiming	: 1	
informal	: 1	immigrating	: 1	causal-predictive	: 1	addrules	: 1	
submissions	: 1		: 1	landscape	: 1	unlimited	: 1	
headof	: 1	trigg	: 1		: 1		: 1 : 1	
	: 1	mcm	: 1	genetically	: 1	game social-level	: 1 : 1	
appendices envisioned	: 1 : 1	marcu addressed	: 1	projects			; 1 ; 1	
				mismatching	: 1	reichman		
question-answering		terminology	: 1	meta-computing	: 1	document-to-human	: 1	
b4	: 1	trends	: 1	mirror	: 1	foreseeable	: 1	
broadband	: 1	affects	: 1	measurements	: 1	cnp	: 1	
cyber-social	: 1	discharge	: 1	workflow	: 1	augmenting	: 1	
subconscious	: 1	assists	: 1	verifications	: 1	s1.c	: 1	
inseparable	: 1	precondition	: 1	analysing	: 1	73	: 1	
consequently	: 1	restrict	: 1	71	: 1	brin	: 1	
nsf	: 1	servers	: 1	obtains	: 1	accepting	: 1	
frames	: 1	kqml	: 1	sufficiently	: 1	sightseeing	: 1	
interactivity	: 1	straight-line	: 1	label	: 1	duplicate	: 1	

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u2	: 1	thirdly	: 1	pronunciation	: 1	doubt	: 1
sub-class	: 1	forward	: 1	org/2004/owl	: 1	opens	: 1
transformable	: 1	poster	: 1	initiator	: 1	language-games	: 1
daily-life	: 1	symbolized	: 1	manipulate	: 1	inverse	: 1
lr	: 1	zhu	: 1	transmits	: 1	p.xi	: 1
cip	: 1	shortest	: 1	bell	: 1	5.1	: 1
package	: 1	51 , 52	: 1	recalculated	: 1	sack	: 1
hovy	: 1	employment	: 1	reputation	: 1	actors	: 1
income	: 1	operationos	: 1	arithmetic	: 1	reflections	: 1
gross	: 1	machine-data	: 1	korf	: 1	backbone	: 1
approached	: 1	kif	: 1	fertilizer	: 1	sln-e	: 1
aggregated	: 1	land	: 1	o.gross	: 1	youtube	: 1
departments	: 1	codd	: 1	partial	: 1	teach	: 1
unemployment	: 1	issued	: 1	broaden	: 1	hilda	: 1
helped	: 1	sigmund	: 1	min pr	: 1	excludes	: 1
frame-work	: 1	analysized	: 1	vannevar	: 1	send	: 1
inner-product	: 1	a3	: 1	garden	: 1	morality	: 1
semantics-aware	: 1	putting	: 1	rtk	: 1	end-of-use	: 1
telling	: 1	drinking	: 1	arrange	: 1	timely	: 1
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		max_pr	: 1	disjunction	: 1	19th	
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carbonell	: 1	webdata	: 1	few	: 1	camera	: 1
semi-structured	: 1	546	: 1	noisy	: 1	intend	: 1
touched	: 1	escience	: 1	formally	: 1	journalists	: 1
gi	: 1	benchmark	: 1	0.6	: 1	station	: 1
reproduce	: 1	reserves	: 1	thin	: 1	arcni	: 1
stategy	: 1	fulfill	: 1	closing	: 1	reserved	: 1
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fatherof	: 1	numerous	: 1	attachment	: 1	animal	: 1
sik	: 1	supervised	: 1	mccoy	: 1	bookshelfs	: 1
proven	: 1	blocks	: 1	deerwester	: 1	specifications	: 1
third-level	: 1	perceive	: 1	ory	: 1	https://translate	.google.com: 1
advocated	: 1	hinders	: 1	scans	: 1	correspond	: 1
chief	: 1	sametopic	: 1	symbol-like	: 1	produces	: 1
farming	: 1	competing	: 1	interpreted	: 1	abu-jbara	: 1
looks	: 1	referencing	: 1	industries	: 1	le	: 1
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1990s	: 1	fahey : 1	falsifiability	: 1	olderthan	: 1
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sincerity	: 1	chemistry.gl.cl : 1	border	: 1	appended	: 1
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employed	: 1	chinese : 1	photographs	: 1	sharper	: 1
watching	: 1	lobe : 1	r&d	: 1	joint	: 1
commonality	: 1	aq : 1	?nding	: 1	shaping	: 1
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laureate	: 1	provenance : 1	nanba	: 1	written	: 1
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email	. 1 : 1	textbook : 1	publishers	: 1	handful	: 1
hypercycles	: 1	weak : 1	deliver	: 1	tolman	: 1
	: 1	document-based : 1	hypothesis	: 1	suf?cient	: 1 : 1
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http	: 1	u1	: 1	conceived	: 1	automation	: 1	
v1	: 1	frequently	: 1	judgment	: 1	instead	: 1	
jim	: 1	internet-centri	c : 1	http://www.ibm.com/	cloud-com/	<pre>puting/bluemix/: 1</pre>	builder	
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inmon	: 1	density	: 1	attractive	: 1	author-affiliation	: 1	
successor	: 1	nenkova	: 1	multi-step	: 1	refinements	: 1	
decidable	: 1	increases	: 1	simonos	: 1	variants	: 1	
inheriting	: 1	sizes	: 1	dictionaries	: 1	user-defined	: 1	
accelerating	: 1	c1y	: 1	soft	: 1	replacement	: 1	
indications	: 1	shen	: 1	twitter	: 1	church	: 1	
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blind	: 1	prominently	: 1	euclidean-distance	: 1	national	: 1	
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1984	: 1	1983	: 1	elastic	: 1	museum	: 1	
synthesizes	: 1	slow-motion	: 1	human-to-nature	: 1	biggest	: 1	
is-a	: 1	subsite	: 1	triggered	: 1	persistent	: 1	
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['discover', 'VB']	: 40	['regarded', 'VBN']	: 40	['future', 'JJ']	: 40
['axis', 'NNS']	: 40	['user', 'NN']	: 40	['managing', 'VBG']	: 40
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['as', 'RB']	: 39	['function', 'NN']	: 38	['shown', 'VBN']	: 38
['lens', 'NN']	: 38	['theory', 'NN']	: 38	['readers', 'NNS']	: 38

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['topic', 'NN']	: 37	['proposed', 'VBN']	: 37	['formation', 'NN']	: 37
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['common', 'JJ']	: 36	['current', 'JJ']	: 36	['kind', 'NN']	: 36
['approaches', 'NNS']	: 36	['three'. 'CD']	: 36	['since'. 'IN']	: 36
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['notential' 'JJ']	• 35	['evolves' 'VB7']	: 35	['devices' 'NNS']	: 35
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[lideal INN!]	. 24	[Sensors , NNS]	: 34	[Idiagovaring NADCI]	: 34
[lucial] w DD!]	. 34	[Individual , NN]	: 34	[discovering , vbg]	: 34 : 34
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<pre>['cp3sme', 'NN'] ['computers', 'NNS'] ['similar', 'JJ'] ['citations', 'NNS'] ['that', 'DT']</pre>	: 29	['result', 'NN']	: 29	['corresponding', 'JJ']	: 29
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		-		['change', 'NN']	
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['making! !VPC!]	• 25	['emall' 'TT']	: 25	['cpsoc' 'NND']	• 25
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[determined , VBN]	. 25	[Dullu , VB]	. 25	[sentences , NNS]	. 25
['2nf', 'CD'] ['higher', 'JJR']	. 23	[Hence , KD]	. 23	[special , oo]	. 23
['migher', 'JUR']	. 24	['provide', 'VBP']	. 24	['Created', 'VBN']	: 24
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['rdf', 'NNP']	: 23	['use', 'VBP']	: 23	['contains', 'VBZ']	: 23
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['especially', 'RB']	: 22	['fia', 'VB']	: 22	['etc.', 'FW']	: 22
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['mainly'. 'RB']	• 21	<pre>['sln-d', 'NNP'] ['most', 'RBS'] ['instances', 'NNS']</pre>	• 21	['further'. 'RBR']	• 21
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['turing', 'NNP']	: 20	['cooperation', 'NN']	: 20	['major', 'JJ']	: 20
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['answer', 'VB']	: 20	['graphs', 'NNS']	: 20	['scale', 'NN']	: 20

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[!first! !TT!]	• 10	[!transformation! !NN!]	• 10	[lonon! !II!]	• 10
[laomantial NN]	. 19	[classification , NN]	. 19 . 10	[open , oo]	• 19 • 10
[Semantic , NN]	. 19	[learner is a bis and ININII]	. 19	[Scriema , NNF]	. 19
['Strategres', 'NNS']	: 19	['Communication', 'NN']	: 19	['worldview', 'NN']	: 19
[TC-IIIZ , NIN]	: 19		: 19	['beyond', 'IN']	: 19
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['formed', 'VBN']	: 18	['minimum', 'NN']	: 18	['trees', 'NNS']	: 18
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		['phenomena', 'NNS']	: 17	['11', 'CD']	: 17
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<pre>['engineering', 'NN'] ['transformed', 'VBN']</pre>	• 17	['aroun' 'NN']	: 17	['components', NNS]	• ±/ • 17
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[lovalaimed NAMI]	. IJ	[corn NN!]	• 1 <i>J</i>	[depicted , VBN]	. 1J
[explained , VBN]	• 14 • 17	[COIE , NN]	• 14 • 1/	[Complexity , NN]	. 14 . 1/l
[nypertext , NN]	. 14	[precision , NN]	. 14 . 17	[evaluation , NN]	. 14
['derects', 'VB2']	: 14 : 11	['Calculated', 'VBN']	: 14 : 11	['Changing', 'VBG']	. 14
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[!ao-oggurrongo! !II!]	. 12	[loviet MD]	. 12	[!roguiromon+! !NN!]	• 12
[CO-OCCUITERCE , JJ]	. 12	[exist , vb]	• 12	[requirement, NN]	• 12 • 12
[IZ , NNF]	. 12	[Ladge , NN]	. 12	[ez , NNS]	. 12
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[!conconcust !NN!]	• 11	[Obtained , VBN]	• 11	[Classify , VD]	• ±± • 11
[consensus , NN]	• 11	[machematical , oo]	• 11	[pares , NNS]	• ±±
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1.\FII.D_Nprogram\Lcnpse\CL_relation\vvF1 dic.tx	u				2010年7月20日 13.12
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F:\Pn.D_1\program\Eclipse\CE_relation\wPFdic.txt					2016年7月20日 15:12
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['spread' 'NN']	• 5	['denerative' 'JJ']	• 5	['providing', 'VBG']	: 5
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	: 5	['recording', 'VBG']	: 5	['locating', 'VBG']	: 5

1.1F11.D_1\program\citpse\cc_relation\vvr1 dic.txt					2010年7月20日 15.12
['cameras', 'NNS']	: 5	['patients', 'NNS']	: 5	['book', 'NNP']	: 5
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['inductive', 'JJ']		['bring', 'VB']	: 5	['collection', 'NN']	
['routing', 'VBG']	: 5	[!]ika! !.T.T!]	• 5	['infrastructures', 'NNS']	
['rely', 'VB']	• 5	['audio'. 'NN']	• 5	['answer', 'NN']	• 5 • 5
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[languah! !III]	• 5	[lowpand! [VP!]	. 5	['stages', 'NNS']	. 5 : 5
[enough , oo]	. J	['expand', 'VB'] ['assume', 'VB'] ['cyberspace', 'NNP']	. 5	['proceeding', 'NNP']	
[Dusii , NNP]	: 5	[assume , vb]	: 5		: 5 : 5
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['tend', 'VBP']	: 5	['unit', 'NN']	: 5	['traffic', 'NN']	: 5
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['accuracy', 'NN']	: 5	['region', 'NN']	: 5	['both', 'CC']	: 5
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['teamwork', 'NN']	: 5	['underlying', 'VBG']	: 5	['Change', 'NNP']	: 5 : 5
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[COUNEA ' AD]	. ,	[SIMOH , INNE]		[denotes , VD4]	• 5

- III III - I Program London - I diotate					2010-17120H 10:12
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['co-occur' '.T.T']	• 5	['characteristic' 'NND']	• 5		• 5
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[completely , Rb]	. J	[Studies , NNS]	. J	[!commongongo! !NND!]	. 5
[Cite , OU]	. J	[Unought , VBD]	. J	[COMMONSENSE , NNF]	• J
['Heumann', 'NNP']	: 5	[VISION , NN]	: 5	[IndxIIIuIII , INNII	: 5
['II', 'NNP']	: 5	[.nucti.' .tw.]	: 5	['Subgraph', 'NN']	: 5
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['.40', 'CD']	: 4	['26', 'CD']	: 4	['render', 'VBP']	: 4
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['minimizo' 'VD']	• 1	[llossoly! IDD!]	• 1	[ZOOM III , OO]	· 4
[!conglucion! !NN!!	• 4	[rousely , Rb]	. 4	[SPIIC , VDN]	. 4 : 4
[Conclusion , NN]	. 4	[proved , vbn]	. 4	[dilows , VDZ]	. 4 : 4
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[1902 , CD]	: 4	[TIOIL , NIN]	• 4	['pragmatism', 'NN']	: 4
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The mb_reprogrammed poor of _ relation with a distance					2010-17120H 10112
['down', 'RP']	: 4	<pre>['neighbor', 'NN'] ['coupled', 'JJ'] ['deployment', 'NN']</pre>	: 4	<pre>['process', 'VBP'] ['develop', 'VBP'] ['present', 'NN']</pre>	: 4
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['limited'. 'JJ']	• 4	['firstly'. 'RB']	• 4	['nrobably'. 'RB']	: 4
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l'checcio' 'NNP'	• //	l'recorded' 'VBN'I	• 4 • 4	['all', 'RB']	: 4
['scienti2c' 'JJ']	• 1	['mature' 'JJ']	. 1	[loutput al INNCI]	. 1
['imagination' 'NN']	• 1	['mature', 'JJ']	• 1	['contain' 'VRD']	: 4
['designer' 'NN']	• 1	[!operates! !VB7!]	• 1	['e a ' 'NN']	: 4
[!technological! !TT!]	• 1	['obviously' 'PR']	• 1	[e.y. , NN]	: 4
['scienti?c', 'JJ'] ['imagination', 'NN'] ['designer', 'NN'] ['technological', 'JJ'] ['location', 'NNP'] ['freely', 'RB']	• 4	[ODVIOUSTY , RD]	• 1	['contain', 'VBP'] ['e.g.', 'NN'] ['entertainment', 'NN'] ['grid', 'NNP'] ['globally', 'RB']	• 4 • 4
[!frooly! !DD!]	• 4	['coctions' 'NNS']	• 4 • 1	[grid , NNF]	• 4 • 4
[IIeery , ND]	• 4	[Sections , NNS]	. 4	[globally , RD]	· 4 : 4
[laslaulation INN!]	• 4	[assumes , VDZ]	. 4	[autonomousty , Rb]	. 4 : 4
['dotted', 'JJ'] ['calculation', 'NN'] ['age', 'NN'] ['sensitive', 'JJ'] ['vistingscholarof', 'NN']	. 4	[Dullaing , NN]	. 4	['autonomously', 'RB'] ['analyzed', 'VBN'] ['ors2', 'NNP'] ['subset', 'NN'] ['-lcb-', 'NNP'] ['co-experiencing', 'VBG']	. 4 : 4
[lager, NN']	• 4	['tlanslorms', 'VB2']	• 4	[OLSZ , INNF]	: 4 : 4
[SellSitive , Ju]	• 4	[LILLE , NN]	. 4	[Subset , NN]	. 4 : 4
[VISCINGSCHOLATOL , NN]	. 4	[42 , CD]	. 4	[-ICD- , NNF]	. 4 : 4
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1.1FII.D_Nprogrammechpseloc_relation(vvF) dic.txt					2010年7月20日 15.12
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[IIIIKIIIG , VDD]	. 2	[pictures , NNF]	. 2	[pre-defined , JUDCI]	. 2
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[!oithor! !DD!]	. 2	[Diological , 00]	• 2	[descriping , vbg]	: 2 : 2
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THE THE _ THE OFFICE HEAD CONTROL TO CONTROL					2010-17120H 10112
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[CHOMSKY , INNI]	. 2	[manute , vb]	. 2	[light, oo]	• 2
[:OW , ININ]	. 2	[poor , oo]	. 2	['loss', 'NN'] ['prs2', 'NNP']	. 2
[.Ties.' .ABT.]	: ∠	['acceleration', 'NN']	: 2	['prsz', 'NNP']	: 2
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	: 2		: 2	['emotion', 'NN']	: 2 : 2
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1.1FII.D_Throgrammedipseloc_relation(vvF) dic.txt					2010年7月20日 15.12
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[accompc , ww]	• 4		• 4	[Direct C / IVIVI]	• 4

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['music' 'NN']	• 2	[2.0 , NNI]	• 2	['mining' 'NND']	• 2
[Music , NN]	. 2	[Incongnity! INN!]	. 2	[lacatoral INNCl]	• 2
[crose , oo]	. 2	[Necessity , NN]	. 2	[Sectors , NNS]	• 2
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1./FII.D_T\program\Lclipse\CL_Telation\vvF1 dic.txt					2010年7月20日 15.12
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2016年7月20日 15:12	2016	年7)	月20	日 1	15:1	2
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The mb_reprogrammeon poortorelation to the relation					20:0-1/120H 10:11
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The magnetic formation of the control of the contro					2010-17120-10112
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[TTK., ININE.]	: 1	[addredared.' .ARN.]	: 1	['leaning', 'VBG']	: 1

The magnetic feet and the feet					2010-17120H 10:12
['chapter', 'NN']	: 1	['revealing', 'VBG'] ['constituted', 'JJ'] ['classi?cations', 'VBZ']	: 1	['ideally', 'RB'] ['trained', 'VBN'] ['logic-based', 'JJ']	: 1
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['time', 'VBZ']	• 1	['systematic'. 'JJ']	. 1	[ladminia+ma+ian INNI]	. 1
['implication', 'VB']	• 1	['broaden', 'VB']	• 1	['prevent'. 'VB']	• 1
['gone', 'VBN']	• 1	['manner', 'NN']	• ±	['officers' 'NNS']	· 1
['living', 'NN']	: 1 : 1 : 1 : 1	['machanizes' 'VR7']	• ± • 1	['noster' 'NN']	• 1
['patch', 'NN']	• 1	<pre>['mechanizes', 'VBZ'] ['org/2004/owl', 'NNS'] ['engelbart', 'NNP']</pre>	• ± • 1	[poster , NN]	• ± • 1
['showed', 'VBD']	• 1	[longolbont INND!]	• ±	[II Chess , NN]	• 1
['Showed', 'VBD']	; <u>1</u>	['si2', 'NNS']	; <u>1</u>	['prevent', 'VB'] ['officers', 'NNS'] ['poster', 'NN'] ['fitness', 'NN'] ['formatted', 'JJ'] ['guaranteeing', 'VBG']	; <u>1</u>
['bind', 'NN'] ['telescope', 'NNP']	; 1	['S12', 'NNS']	: 1	['guaranteeing', 'VBG']	: 1
['telescope', 'NNP']	: 1	['volcanic', 'JJ'] ['catalytic-support', 'JJ']	: 1	['seconds', 'NNS']	: 1
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['remove', 'NNP']	: 1	['simplicity', 'NN']	: 1	['euclidean', 'NNP']	: 1
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['participants'. 'NNS']	• 1	['everyone'. 'NN']	· 1	['co-evolves'. 'VBZ']	• 1
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['sourceforge.net/projects/wyt	:00]'. 'JJ']:	['everyone', 'NN'] ['internet/web', 'NNP'] ['capacities', 'NNS'] 1 ['triangle', 'JJ']	• ±	1 ['exercises'. 'NNS']	:
1	, 551,	i cliangle, co	•	[energies , interp	·
['www.w3.org/submission/swrl/'	, 'CD']: 1	['thinking', 'NNP']	: 1	['distribu', 'NN']	:
['anestioning', 'VRG']	• 1	['distinguish', 'VBN']	• 1	['16.41'. 'CD']	: 1
<pre>['questioning', 'VBG'] ['inspiring', 'NN'] ['indexing', 'VBG'] ['-rrb-', 'NNP']</pre>	• 1	['originaladdlink' 'NNP']	· 1	<pre>['16,41', 'CD'] ['fulfill', 'VB'] ['revisited', 'VBN'] ['come', 'VBP']</pre>	: 1
['indexing' 'VBC']	• 1	['encess' 'NN']	• ± • 1	['ravisitad' 'VBN']	: 1
[!-rrh-! !NND!]	• 1	[subclass! !NND!]	• ± • 1	['como' 'NDD']	: 1
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		['expandable', 'JJ']	; <u>1</u>	['IIe', 'VB']	; <u>1</u>
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['relevant-to-core', 'JJ']	; 1	['extracts', 'VBZ']	: 1	[':rst', 'VB']	: 1
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['simonos', 'NNP']	: 1	['awaits', 'VBZ']	: 1	['davenport', 'NNP']	: 1
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<pre>['abstraction', 'NNP'] ['smarter', 'RBR'] ['query', 'NNP'] ['summary', 'NNP']</pre>	: 1	['cref', 'VBG']	: 1	['feel', 'NN'] ['over', 'RP'] ['s1', 'NN'] ['uniformly', 'NNS']	: 1
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[MISIEG , VDN]	• 1 • 1	[IIX , OU]	• 1	[SIN-us , NNS]	: 1
[KIIOW , NIN]	; <u>1</u>	[relinements, NNS]	; <u>1</u>	['internalized', 'VBN']	; <u>1</u>
['Wants', 'VBZ']	: 1	['SIZES', 'NNS']	: 1	['internalized', 'VBN']	: 1
['bus', 'NN'] ['converging', 'VBG']	: 1			['matching', 'NNP']	
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['rc-nf1', 'JJ']	: 1	['coupled', 'VBN']	: 1	['memex', 'NNP']	: 1
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[lagalo_froo! NN!]	: 1	['soft', 'JJ']	: 1	['7.2', 'CD']	: 1
['reasoning', 'NNP']	: 1	['simulation', 'NNP']	: 1	['1632', 'CD']	: 1
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['measurable', 'JJ']	· - • 1	['pointing', 'VBG']	: 1	['inter-community', 'JJ']	· - · 1
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['maccarthy', 'NNP']	· 1	['discussed' 'VRD']	• - • 1	['http://www.imscenter.net', 'NN	· - '1 · 1
[Maccareny , NNI]	• 1	[discussed , VDD]	• ± • 1	['hyporavalos' 'NNC']	: 1
[letandard lill	• 1	[All , NNE]	• 1	[!rogard! !TP!]	: 1
['evolve', 'VBZ'] ['standard', 'JJ'] ['behaviour', 'NN'] ['invites', 'VBZ'] ['warnings', 'NNS']	• 1 • 1	[CIP , NN]	• 1	['hypercycles', 'NNS'] ['regard', 'VB'] ['passing', 'VBG'] ['78', 'CD'] ['makers', 'NNS']	: 1
['bellaviour', 'NN']	; <u>1</u>	[DOLLOWER, AND]	; <u>1</u>	['passing', 'VBG']	; <u>1</u>
['invites', 'VBZ']	: 1	['Iln', 'NNP']	: 1	['/8', 'CD']	: 1
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['modification', 'NN']	: 1	['-rcb-', 'NN']	: 1	['never', 'RB']	: 1
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['panoramic', 'JJ']	: 1	['co-wave', 'VBP']	: 1	['representation', 'JJ']	: 1
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['picture', 'VBZ']	: 1	['quite', 'RB']	: 1	['w1', 'JJ']	: 1
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The magnification of the magni					2010-17,120-10:12
['asking', 'VBG']	: 1	<pre>['structuring', 'NNP'] ['taste', 'NN'] ['locality', 'JJ'] ['on-demand', 'NN'] ['v1', 'NNS'] ['observational', 'JJ'] ['genetic', 'NNP'] ['arrival', 'NN'] ['self-organizes', 'NNS'] ['enumerate', 'VB'] ['browse', 'JJ'] ['pcyber-physical', 'JJ']</pre>	: 1	['refine', 'VB']	: 1
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['hilda', 'NNP']	: 1	['locality', 'JJ']	: 1	['teaching', 'NN']	: 1
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['anerving' '.T.T']	· 1	['cenetic' 'NNP']	· 1	['categorical' 'JJ']	• ± • 1
[quelying , oo]	• 1	['arrival' 'NN']	• 1	[!consuming! !VBC!]	• 1
[OIIIINE , OO]	• 1	[!solf-organizes! !NNS!]	• ± • 1	[!compound! !II!]	• 1
[eJ , rw]	• 1	[Self-Organizes , NNS]	• 1	[!gommongongo! !VPN!]	• 1
[II , VDIN]	• 1	[enumerate , vb]	• 1	[COMMONSENSE , VBN]	• <u>1</u>
['leaderor', 'NN']	; <u>1</u>	['Drowse', 'OO']	; <u>1</u>	['knowledge-Intensive', 'JJ']	• ⊥ . 1
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['e-learning', 'NN']	: 1	['WORKILOW', 'NN']	: 1	['prior', 'RB']	: 1
['http://www.w3.org/tr', 'NNP']	; 1	['mid-term', 'JJ']	: 1	['internal', 'NNP']	: 1
['e-business', 'NNS']	: 1	['versatile', 'VB']	: 1	['editorof', 'VBN']	: 1
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['human-centered', 'JJ']	: 1	['serve', 'VB']	: 1	['linking', 'VB']	: 1
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['misiudge' 'VB']	• 1	['chronology' 'NN']	• 1	['2s' 'NN']	• 1
['specify' 'NNS']	• 1	['entscheidungsproblem' 'NNP']	• ± • 1	['foothall' 'NN']	· 1
['dynamically! '.T.T!']	• 1	['desire' 'NN']	• 1	['ai' 'NND']	• ± • 1
[!format! !NND!]	• 1	[desire , NN]	• 1	[gr , NNF]	• 1
[Loomah! III!]	• 1	[deerwester , NNF]	• 1	[emproyment , NN]	• 1
['SealCh', 'UU']	; <u>1</u>	['difficulties', 'NNS']	; <u>1</u>	[meeds, NNS]	• ⊥ . 1
['Cognitive', 'VBP']	: 1	['Correspondingly', 'RB']	: 1	['prevents', 'VBZ']	: 1
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['domain-specific', 'JJ']	: 1	['routes', 'NNS']	: 1	['inner-product', 'JJ']	: 1
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The magnetic and the second se					2010-17120-10112
['bottom', 'NN']	: 1	<pre>['military', 'NN'] ['symbiosis', 'NN'] ['manipulate', 'VB'] ['p1', 'NN'] ['mcs', 'NNP'] ['fluent', 'JJ'] ['a1', 'CD'] ['internalizing', 'VBG'] ['mri', 'NNP'] ['inspired', 'NNP']</pre>	: 1	['comer', 'NN']	: 1
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['+1', 'CD']	: 1	['manipulate', 'VB']	: 1	['rejected', 'VBD']	: 1
['auidina', 'VBG']	: 1	['p1', 'NN']	: 1	['addressed', 'VBN']	: 1
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['bene?t'. 'VBP']	• 1	['fluent'. 'JJ']	• 1	['sal-like'. 'JJ']	• 1
[Jene.e , vBr]	• 1	['21' 'CD']	• 1	['arduous' 'JT']	• - • 1
['evolved' '.T.T']	• ± • 1	[linternalizing! !VBC!]	• ± • 1	[!interactions! !FW!]	• ± • 1
[latarting] IIII]	• ± • 1	[Internatizing , vbg]	• ± • 1	[lanartmont! INN!]	• ± • 1
[Starting , oo]	• 1	[MII , NNF]	• 1	[apartment , NN]	• 1
[pronunctations , NNS]	• 1	[Inspired , NNF]	• 1 . 1	[denoted , NN]	• <u>1</u>
['ell', 'NN']	; <u>1</u>	['locate/reason/navigate', 'VB']	. 1	[Indeligate INNEL]	; <u>1</u>
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1.1F11.D_1\program\citpse\cc_relation\vvr1\dic.txt					2010年7月20日 13.12
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F:\Ph.D_1\program\Eclipse\CE_relation\WPFdic.txt				
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F:\Ph.D_1\program\Eclipse\CE_relation\WPFdic.txt					2016年7月20日 15:12
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'NN'] : 1			J		
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<pre>['leadership', 'NNP'] ['condition-action', 'JJ'] ['meta-models', 'NNS']</pre>	: 1	['complex', 'NNS']	: 1	['inform', 'NNP'] ['venue', 'NN'] ['coherence', 'VB']	: 1
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['vsm', 'NNP']	: 1	['effectively', 'JJ']	: 1	['pairs', 'NNS']	: 1
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[lioin 'MPD']	• 1	<pre>['functioning', 'NN'] ['optimized', 'VBN'] ['church', 'NNP']</pre>	: 1	['authority'. 'NN']	: 1
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['detect', 'VBD']	: 1	['brief', 'JJ']	· 1	['refinement', 'NN']	: 1
[laithar! CC!]	• 1	['scenarios' 'NNS']		['published', 'NN']	
['public', 'NNP'] ['super-link', 'NN'] ['human-to-machine', 'NN'] ['sequential', 'NNP'] ['unlimited', 'JJ'] ['rule', 'VBZ']	• - • 1	['algebras'. 'NNS']	: 1	['petabytes', 'NNS']	: 1
['super-link'. 'NN']	• 1	<pre>['algebras', 'NNS'] ['stories', 'NNS'] ['one-to-one', 'JJ'] ['accelerating', 'VBG']</pre>	• 1	<pre>['petabytes', 'NNS'] ['feature-based', 'JJ'] ['problem-solving', 'NNP'] ['pre-defined', 'VBN']</pre>	: 1
['human-to-machine'. 'NN']	• - • 1	['one-to-one'. 'JJ']	: 1	['problem-solving', 'NNP']	: 1
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['unlimited'. 'JJ']	• ± • 1	['attending', 'VBG']	• 1	['action-centered', 'JJ']	: 1
['rule' 'VBZ']	• ± • 1	['e5', 'NNPS']	• 1	['proceedings', 'NNS']	: 1
['physical', 'VBD']	• ± • 1	['criticism', 'NN']	· 1	['turkeltauh' 'NNP']	: 1
['cad', 'NNP']	: 1	['complementation' 'NN']	• ± • 1	['turkeltaub', 'NNP'] ['opens', 'VBZ']	: 1
		['1994' 'MP7']	• ±	<pre>['opens', 'VBZ'] ['ecologists', 'NNS'] ['recently', 'RB']</pre>	: 1
<pre>['varies', 'VBZ'] ['compressing', 'VBG']</pre>	• ± • 1	['crawled' 'VBD']	• ± • 1	['recently' 'PR']	: 1
['creationist', 'JJ']	• ± • 1	['mediation' 'NN']	• ±	['sameproject', 'NN']	: 1
['arcr', 'NNP']	: 1	['class' 'VR']	• ± • 1	['1948', 'CD']	: 1
		[Class , VD]	• ± • 1	[!+angible! !TT!]	: 1
['pursuing', 'NN']	• 1	[predicts , VBZ]	• 1	[tangible , oo]	: 1
<pre>['narrow', 'JJ'] ['brynjolfsson', 'VB'] ['incites', 'VBZ'] ['observers', 'NNS']</pre>	• ± • 1	['predicts', 'VBZ'] ['interchangeable', 'JJ'] ['conversations', 'NNS'] ['rejecting', 'VBG']	• ± • 1	[lesponse , NN]	: 1
[lingited! ND71]	• 1	[conversations , NNS]	• 1	['e8', 'NNP'] ['answers', 'VBZ'] ['conroy', 'NNP']	: 1
[!observers! !NNS!]	• ± • 1	['datagrage' 'NN']	• 1	[diswels , VDZ]	: 1
['behavior-centered', 'JJ']	• ± • 1	['micronemes', 'VBZ']	• ± • 1	['reflecting', 'VBZ']	: 1
['eco-grid', 'JJ']	• 1			['backgrounds', 'NNS']	: 1
	• 1	['indicator', 'NNP']	• 1	[Dackgrounds , NNS]	: 1
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['bankruptcies', 'NNS']	; <u>1</u>	['automated', 'VBN']	: 1 : 1	['specializing', 'VBG'] ['chemical', 'NN'] ['obtains', 'VBZ'] ['tight', 'JJ']	: 1
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['leaturing', 'VBG']	; <u>1</u>	['document', 'VB']	; <u>1</u>	['instructions', 'NNS']	: 1 : 1
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[Tenguns , NNS]	; <u>1</u>	[TOICE, VBP]	; <u>1</u>	[wolldylew , NNP]	: 1 : 1
['preserving', 'NNP']	; <u>1</u>	['roland', 'NNP']	; <u>1</u>	['MOGELS', 'NNP']	: 1
['Coincidently', 'RB']	; <u>1</u>	['ielied', 'VBN']	; <u>1</u>	[Comparison, NNP]	: 1
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	: 1	['got', 'VBN']	: 1	['dealing', 'VBG']	: 1
['cognitive', 'VB']	: 1	['users', 'NNP']	: 1	['mass', 'JJ']	: 1
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['rt1', 'JJ']	: 1	['incur', 'VBP']	: 1	['t.', 'NN']	: 1
['wolf', 'NNP']	: 1	['navigates', 'NNS']	: 1	['seeking', 'VBG']	: 1

1.1FII.D_Typrogrammedipsetoe_relation(vvF1 dic.txt					2010年7月20日 13.12
['intercultural', 'VBZ']	: 1	<pre>['ep', 'NN'] ['innovate', 'VB'] ['reemerge', 'VB'] ['indexing', 'VBZ'] ['sim', 'VBN']</pre>	: 1	<pre>['cpsoc', 'NNS'] ['codify', 'VB'] ['rdfs', 'NNP'] ['inputting', 'JJ']</pre>	: 1
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['bit', 'NN']	: 1	['reemerge', 'VB']	: 1	['rdfs', 'NNP']	: 1
['origins', 'NNS']	: 1	['indexing', 'VBZ']	: 1	['inputting', 'JJ']	: 1
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['direct', 'NNP'] ['ereasoning', 'NNP']	• 1	['dynamic'. 'NN']	• 1	['reversion'. 'NNP']	: 1
['interface' '.T.T']	• ± • 1	['decidable' 'JJ']	• ± • 1	['reversion', 'NNP'] ['satisfies', 'NNP']	: 1
['similar' VRG'	• ± • 1	['social-level' 'NN']	• ± • 1	['navigating' 'VRG']	: 1
[Jonnighmont! LVD!]	• ± • 1	[Social level , NN]	• ± • 1	['navigating', 'VBG'] ['verify', 'JJ']	: 1
<pre>['interface', 'JJ'] ['similar', 'VBG'] ['enrichment', 'VB'] ['output', 'VBZ']</pre>	• 1	['dynamic', 'NN'] ['decidable', 'JJ'] ['social-level', 'NN'] ['productivity', 'NN'] ['personal', 'NN']	• 1	['use-cases', 'NNS']	: 1
[Output, VB2]	; <u>1</u>	['personar', 'NN']		[]	. 1
['draft', 'NNP'] ['supervisorof', 'NN'] ['attracted', 'VBD']	: 1	['Iodor', 'NNP']	: 1	['arrange', 'VB']	: 1
['supervisoroi', 'NN']	: 1	['isonomes', 'JJ']	: 1	['trying', 'VBG']	: 1
['attracted', 'VBD']	: 1	['rk', 'VBP']	: 1	['close-loop', 'NN']	: 1
['decentral', 'JJ']	: 1	['educator', 'NN']	: 1	['finally', 'RB']	: 1
['helped', 'VBN']	: 1	['ccp', 'NN']	: 1	['resides', 'VBZ']	: 1
['attracted', 'VBD'] ['decentral', 'JJ'] ['helped', 'VBN'] ['spaces', 'NNP'] ['leverage', 'NN']	: 1	<pre>['personal', 'NN'] ['fodor', 'NNP'] ['isonomes', 'JJ'] ['rk', 'VBP'] ['educator', 'NN'] ['ccp', 'NN'] ['mention', 'VB']</pre>	: 1	['arrange', 'VB'] ['trying', 'VBG'] ['close-loop', 'NN'] ['finally', 'RB'] ['resides', 'VBZ'] ['469', 'NNP'] ['super', 'JJ']	: 1
['leverage', 'NN']	: 1	['lr', 'NNP'] ['play', 'NN']	: 1	['super', 'JJ']	: 1
		['play', 'NN']	: 1	[COINCIDENC , OO]	• ±
['location', 'VB']	: 1	['rule', 'VBN']	: 1	<pre>['motivated', 'VBN']</pre>	: 1
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['self-complete', 'JJ']	• 1	['heckerman'. 'NNP']	• 1	['numerous', 'JJ']	: 1
['kaml' 'NND']	• ± • 1	['unless' 'TN']	• 1	['formalized', 'VBN']	: 1
[!thooroms! !NNC!]	• ±	<pre>['play', 'NN'] ['rule', 'VBN'] ['mental', 'VBD'] ['thales', 'NNP'] ['distributed', 'VBD'] ['housing', 'NN'] ['heckerman', 'NNP'] ['unless', 'IN'] ['sun', 'NN'] ['combing', 'VBG'] ['slowed', 'VBN'] ['2020', 'CD'] ['trusted', 'VBN']</pre>	• 1	[!gonoralizing! !VP7!]	• ± • 1
[checrems , NNS]	• ± • 1	[Sun , NN]	• ± • 1	['generalizing', 'VBZ'] ['data-driven', 'JJ'] ['re', 'NNP'] ['count', 'VB'] ['ui', 'VBP']	• ± • 1
[ccps , NNF]	• ± • 1	[Combing , VBG]	• ± • 1	[uata-uliven , oo]	• ± • 1
[Outlined , VBN]	• 1	[Slowed , VBN]	• 1	[Ie , NNF]	• ±
[.Imbitcitià.', .CD.]	: 1	[. Z0Z0 . , . CD .]	: 1	[.count.' .AB.]	: 1
['computation', 'NNS']	: 1	[craseca / vbit]	• ÷	['ul', 'VBP']	: 1
['crude', 'JJ']	: 1	['wn', 'NN']	: 1	['hall', 'NNP']	: 1
['format', 'NN']	: 1	['issued', 'VBN']	: 1	['sigmund', 'NNP']	: 1
['hey', 'NNP']	: 1	['passed', 'VBN']	: 1	['familiarity', 'NN']	: 1
['observe', 'VBP']	: 1	['relieve', 'VB']	: 1	['build', 'VBP']	: 1
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['+3', 'CD']	: 1	['input', 'VBZ']	: 1	['human-data', 'JJ']	: 1
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=				=	
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['cocited', 'VBD']	: 1	['interest', 'VB']	: 1	['weak', 'JJ'] ['analyzing', 'JJ'] ['applications', 'NNP']	: 1
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['escience', 'JJ']	: 1	['appear'. 'VBP']	• 1	['collect'. 'JJ']	: 1
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['classified', 'JJ']	• ± • 1	[']s1' 'NNP']	• ± • 1	['ory', 'VBN']	: 1
['favor' 'VRD']	• ± • 1	[!thought! !NND!]	• 1	<pre>['ory', 'VBN'] ['self-evolutionary', 'JJ'] ['gaze-centered', 'JJ'] ['agriculture', 'NN']</pre>	: 1
<pre>['favor', 'VBP'] ['drawing', 'VBG'] ['business', 'NNP']</pre>	• ± • 1	[!i+! !.T.T!]	• 1	['daze-centered' '.T.']	: 1
[drawing , vbg]	• ± • 1	[!implicated! !VPN!]	• ± • 1	[gaze centered , 00]	: 1
['axis/point', 'NN']	• 1				
['java', 'NN']	• 1	[SOCIECY-TEVEL , NNF]	• 1	[decomposition , vb2]	: 1
[Java , NN]	• 1	[porynomiar , NN]	• 1	[CCS , NN]	: 1
['hyperlinks', 'VB']	; <u>1</u>	['TOCALIZE', 'VB']	. 1	['unsatistied', 'VB']	: 1 : 1
['lose', 'VB'] ['initialized', 'VBN'] ['spoken', 'VBN'] ['electromagnetic', 'JJ']	; <u>1</u>	['populations', 'NNS']	; <u>1</u>	<pre>['decomposition', 'VBZ'] ['cts', 'NN'] ['unsatisfied', 'VB'] ['theorems', 'NNP'] ['denoting', 'NN'] ['china.beijing', 'NNP'] ['procedure', 'NN'] ['bee', 'NN'] ['payigating', 'NNP']</pre>	; <u>1</u>
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['spoken', 'VBN']	; 1	['rsik', 'NN']	: 1	['Cnina.bei]ing', 'NNP']	: 1
['electromagnetic', 'JJ']	: 1	['coordinates', 'CD']	: 1	['procedure', 'NN']	: 1
['xml&w', 'NNP']	: 1	['specializing', 'VBZ']	: 1	['bee', 'NN']	: 1
['add/remove', 'JJ']	: 1				
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['https://smartmanufacturingo	coalition.org',	'VBG']: 1 ['national', 'N	NP']	: 1 ['investigation'	,
'NNP'] : 1					
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[WILLOOCH ! ININT]	• ±	[paper arge ' Apr]	• ±	r subborcind , oo l	• ±

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['detail', 'NN']	: 1	['chemical', 'JJ']	: 1	['physical', 'NN']	: 1
['negatively', 'RB']	: 1	['flu', 'NN']	• 1	['last'. 'JJ']	• 1
['modi?ed'. 'VBN']	• 1	['offering'. 'VBG']	• 1	['human-data-human'. 'JJ']	• 1
['narticinates' 'VBZ']	• ± • 1	['addnode' 'NN']	• - • 1	['mathematics' 'NN']	• 1
['cikm2012' 'NN']	• 1	['secondly' 'PR']	• 1	['hrin' 'VR']	• ± • 1
	• ± • 1	[bandful! NN!]	• ± • 1	[!trained! !VP7!]	• ± • 1
[ez , CD]	• 1	[mandidit , NN]	• ± • 1	[Claimed , VDZ]	• ±
['Sensing', 'OO']	; <u>1</u>	['regional', 'Ju']	; <u>1</u>	['UL', 'NNP']	i 1
['thirdly', 'RB']	; 1	[.XII-I.' .AB.]	: 1	[,CI,', ,NN,]	: 1
['merged', 'JJ']	: 1	['mcaiee', 'VB']	: 1	['furthermore', 'RB']	: 1
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['explanation', 'NNP']	• ± • 1	['redundancy'. 'VB']	• 1	['clancey'. 'NNP']	• - • 1
['modeling', 'VBN']	: 1	<pre>['commonality', 'NN'] ['up', 'RB'] ['chemical', 'JJ'] ['flu', 'NN'] ['offering', 'VBG'] ['addnode', 'NN'] ['secondly', 'RB'] ['handful', 'NN'] ['regional', 'JJ'] ['xn-1', 'VB'] ['mcafee', 'VB'] ['station', 'NN'] ['symbol-like', 'JJ'] ['symbol-like', 'JJ'] ['inheriting', 'VBG'] ['analysed', 'VBN'] ['interaction', 'VBZ'] ['ispartof', 'NN'] ['zhu', 'NNP'] ['sil', 'NNP'] ['people', 'VB'] ['cross-referring', 'NN'] ['inspired', 'VBD'] ['flights', 'NNS'] ['redundancy', 'VB'] ['individual/object/relation',</pre>	'NN']: 1	['stock', 'NN']	:
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['undecidable', 'VB']	: 1	['wirth', 'NNP']	• 1	['compared', 'VBD'] ['redo', 'VB'] ['use-cases', 'NNP'] ['armbrust', 'NNP'] ['co-access', 'NNS'] ['different', 'VBD']	: 1
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['needed' '.T.T']	• 1	['stimulus-response' 'VRP']	• - • 1	['use-cases' 'NNP']	• ± • 1
[!abu=ibara! !NND!]	• 1	['noisy' 'NN']	• ± • 1	['armbrust' 'NND']	• ± • 1
[abu-jbara , NNF]	• 1	[MOISY , NN]	• ± • 1	[dimbiust , NNF]	• ± • 1
[Classical , UU]	• 1	[COMMONATIONS , NNS]	• 1 . 1	[CO-access , NNS]	• ±
['discovery', 'VBZ']	; <u>1</u>	['Temain', 'VBP']	; <u>1</u>	['differenc', 'VBD']	i 1
[.TIUGIUG.', .NN.]	; <u>1</u>	['automatically', 'NNP']	: 1	['professional', 'JJ']	: 1
['ordering', 'VB']	: 1	['automatically', 'NNP'] ['satisfactory', 'NNP'] ['causally', 'RB'] ['responses', 'NNS'] ['cross-disciplinary', 'JJ']	: 1	['adopt', 'VB']	: 1
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['graesser', 'NNP']	: 1	['lifetimes', 'NNS']	: 1	['conventions', 'NNS']	: 1
		•		-	

The magnetic and the ma					20:0-17,120H 10:12
['life-cycle', 'JJ'] ['corresponds', 'VBZ'] ['remotely', 'RB'] ['sack', 'NN'] ['retail', 'JJ']	: 1	['coexist', 'VB'] ['act', 'NN'] ['distinct', 'JJ'] ['improvement', 'NN']	: 1	['summarizations', 'VBZ']	: 1
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['retail' '.T.T']	• ± • 1	['annotations' 'NNS']	• ± • 1	['nrotocols' 'NNS']	: 1
['whather' 'VR']	• ± • 1	['madiates' 'VR7']	• ± • 1	['hymerlinking' 'NND']	: 1
[whether , vb]	• ± • 1	[laritarial INND!]	• ± • 1	[Invodefined IVDN!]	: 1
[Smelled , VDD]	• 1	[Clitelia , NNF]	• 1	[prederined , VBN]	: 1
[multi-dimensional, VBZ]	; <u>1</u>	[Common-sense , NN]	· 1	['Sure', 'OU']	; <u>1</u>
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['symbolized', 'JJ']	: 1	['1.5', 'NNP']	: 1	['internet-mediated', 'JJ']	: 1
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['79', 'CD']	· - : 1	['tk'. 'RB']	• - • 1	['n.'. 'JJ']	: 1
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['36,44', 'CD']	• ± • 1	['organize', 'JJ']	• ± • 1	[!dogomposo! !II!]	• 1
L ~ ~ / ~ - J	• -		• 1	[labetract INNC!]	• 1
['led', 'VBN']	• <u>1</u>	[acquiring , oo]	• <u>1</u>	[abstract , NNS]	• 1
[',1969', 'CD'] ['encode', 'VB']	; <u>1</u>	<pre>['acquiring', 'JJ'] ['check', 'VBG'] ['intellect', 'NN']</pre>	. 1	['sleep', 'VB']	1 1 7 7 1 1 .
1			: 1	['cyber-physical-socio-ecological	11', 'JJ']:
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1./FII.D_Nprogram/Lchpse/or_Telation/vvF1 dic.txt					2010年7月20日 15.12
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['sharing' 'NNP']	• 1	['refer', 'JJ']	• 1	['amin', 'VB']	: 1
[!figure! !NNS!]	• 1	['meeting' 'NN']	• 1	<pre>['losing', 'VBG'] ['gmin', 'VB'] ['service', 'VB']</pre>	: 1
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['displays', 'NNS']	• ±	['co-naviation', 'NN']	• ±	[: naing , vbg]	: 1
['displays', 'NNS']	• 1	[CO-Haviation , NN]	• 1 • 1	['join', 'VBZ']	: 1
['find', 'JJ']	i 1	['dimensional', 'JJ']	· 1	[11076] [4071]	• ±
<pre>['scalable', 'JJ'] ['representational', 'JJ']</pre>	: 1	['Iallure', 'NN']	: 1	[,13,0,', ,CD,]	: 1
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['navigator', 'NN']	: 1	['node', 'VB']	: 1	['conduct', 'VB']	: 1
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['conformation' 'NNP']	• ± • 1	['unite', 'VB'] ['www.ruleml.org', 'VBG'] ['algorithms', 'JJ']	· 1	<pre>['rsk', 'NN'] ['bates', 'NNP'] ['knowledge-level', 'JJ']</pre>	· ±
['accept' 'VR']	• ± • 1	['algorithms' '.T.T']	• 1	[!knowledge=level! !.T.T!]	• ± • 1
['ceccato', 'NNP']	: 1	[digolicims , oo]	• 1	['dx', 'VBP']	: 1
		['zhuge', 'CD'] ['preventing', 'VBG']	• ±	[ux , vbr]	• ±
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['algorithm', 'VBG']	: 1	['-1rb-', 'NNP']	: 1	['ful?lled', 'VBN']	: 1
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['commenting', 'VBG']	: 1	['cities', 'NNPS']	: 1	['written', 'VBN']	: 1

THE THE THE OFFICE TO A CONTROL OF THE CONTROL OF T					2010-17120-10112
['coherence', 'NNP'] ['limit', 'VBP'] ['longitude', 'NN'] ['unify', 'NN']	: 1	['lobe', 'NN'] ['3,29', 'CD'] ['empiricists', 'NNS']	: 1	['spaces', 'VBD']	: 1
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[!eub+upo! !NN!]	• 1	<pre>['methodology', 'NNS'] ['expensive', 'JJ'] ['rtj', 'NN'] ['rdfs', 'NNS'] ['can', 'VB'] ['decidability', 'NN'] ['euclidean-distance', 'NN'] ['webdata', 'NNP'] ['awkward', 'JJ'] ['rse', 'NN'] ['in?uences', 'NNS'] ['discovered', 'VBD'] ['sbi', 'NN']</pre>	• ± • 1	['mota-gognition' 'NN']	: 1
[loffogt-aware] III]	• ± • 1	[expensive , oo]	• ± • 1	[lacunting! IVPC!]	: 1
[ellect-aware , oo]	. 1	[IC] , NN]	• 1	[lambar physiclesicall LIII]	: 1
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['attributed', 'VBN']	: 1	['views', 'NNP']	: 1	['www.w3.org/tr/owl-features/',	'JJ'l:
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['discoveries', 'NNS']	: 1	['unemployment', 'NN']	: 1	['exists', 'RB']	: 1
['beer', 'NN']	: 1	['posteriori', 'NNS']	: 1	['rules', 'VB']	: 1
['modifying', 'VB']	: 1	['half', 'PDT']	: 1	['commenting', 'NNP']	: 1
['principle', 'JJ']	: 1	['revolutions', 'NNS']	: 1	['hyperlink', 'VBZ']	: 1
['argument', 'NN']	: 1	['e-learning', 'JJ']	: 1	['inverse', 'JJ']	: 1
['hub', 'NN']	: 1	['cvs', 'NNP']	: 1	['calculate', 'VBD']	: 1
['topically', 'RB']	: 1	['conjecture', 'NNP']	: 1	['interactions', 'RB']	: 1
['ring', 'NN']	: 1	['separating', 'NNP']	: 1	['cp3sme', 'VBZ']	: 1

['upgrade', 'VB'] ['ruling', 'VBG'] ['objects', 'NNP']	: 1	['priori', 'VBG']	: 1	<pre>['pictures', 'VBZ'] ['underlying', 'RB'] ['symmetric', 'JJ']</pre>	: 1
['ruling', 'VBG']	: 1	['formally', 'RB']	: 1	['underlying', 'RB']	: 1
['objects', 'NNP']	: 1	['http://www.uml.org', 'NN']	: 1	['svmmetric', 'JJ']	: 1
['distinguish', 'JJ']	• 1	['self-reasoning', 'JJ']	• 1	[!conflicte! !NMC!]	• 1
['analogizing', 'VBD']	• - • 1	['relationship', 'JJ']	: 1	['linking' 'CD']	• 1
[!rosposting! !VBC!]	• ± • 1	[!hymorqualo! !TT!]	• 1	[!complements! !VP7!]	• ± • 1
[respecting , vbg]	• 1	[hypercycle , oo]	• ± • 1	[complements , VBZ]	• ± • 1
['respecting', 'VBG'] ['predecessor', 'NN'] ['extent', 'VB'] ['happened', 'VBN']	; <u>1</u>	['hypercycle', 'JJ'] ['initiative', 'NN'] ['performing', 'VBG'] ['segmented', 'VBN']	; <u>1</u>	['mencioned', 'oo']	• ±
['extent', 'VB']	; 1	['periorming', 'VBG']	: 1	['DI', 'NNS']	: 1
['happened', 'VBN']	: 1	['segmented', 'VBN']	: 1	['linking', 'CD'] ['complements', 'VBZ'] ['mentioned', 'JJ'] ['b1', 'NNS'] ['interactions', 'NN']	: 1
['impossibility', 'NN']	: 1	['often-cited', 'JJ']			
['infectious', 'JJ']	: 1	['caesar', 'NNP']	: 1	['non-trivial', 'JJ']	: 1
['theory', 'JJ']	: 1	['globality', 'RB']	: 1	['engagement', 'NN']	: 1
['socio-technical', 'JJ']	: 1	['caesar', 'NNP'] ['globality', 'RB'] ['regulation', 'NN'] ['ongoing', 'JJ'] ['classified', 'VBD'] ['e3', 'NNPS'] ['to', 'IN']	: 1	['darwin', 'NNP']	: 1
['perspectives', 'NNS']	: 1	['ongoing', 'JJ']	: 1	['le', 'NNP']	: 1
['multi-space', 'VB']	: 1	['classified', 'VBD']	: 1	['isonomes', 'NNS']	: 1
['wind', 'NN']	: 1	['e3', 'NNPS']	: 1	['derive', 'VBP']	: 1
['characterizing', 'VBG']	: 1	['to', 'IN']	: 1	['faceted', 'VBN']	: 1
['provinces'. 'NNS']	• 1	['causal', 'JJ'] ['1950', 'CD'] , 'JJ']: 1 ['cabig', 'NN']	• 1	['insights'. 'NNPS']	: 1
['audio' '.T.T']	• ± • 1	['1950' 'CD']	• 1	['simulated' '.T.T']	: 1
[audio , oo]	. <u>.</u> 	[1950 , CD]	• ±	[Simulated , 00]	• 1
'VBN'] : 1	mc-20040210',	, 'UU']: I ['Cabig', 'NN']		: I ['Solved',	
	. 1	['multimedia', 'JJ']	. 1		: 1
['silber', 'NNP']					
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['produces', 'VBZ']	: 1	['colleague', 'NN']	: 1	['s1.c', 'NNS']	: 1
['hey', 'JJ'] 'JJ'] : 1	: 1	['http://www.industrialinternet	consortium.	['nenkova', 'NNP'] ['s1.c', 'NNS'] .org', 'VBG']: 1 ['unclean'	,
'JJ'] : 1					
['tv', 'NN']	: 1	['egg', 'NN']	: 1	['perceived', 'VBD']	: 1
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['communities', 'JJ']	: 1	['writers', 'NNP']	: 1	['web/internet', 'JJ']	: 1
['script', 'NN'] ['bargaining', 'NN'] ['accurate', 'VBG']	: 1	<pre>['adaptability', 'NN'] ['lsm', 'NNP'] ['probview', 'NNP']</pre>	: 1	<pre>['ef?cient', 'NN'] ['web/internet', 'JJ'] ['cognition', 'JJ'] ['someday', 'RB'] ['intentionality', 'NN']</pre>	: 1
['bargaining'. 'NN']	• 1	[']sm'. 'NNP']	• 1	['someday'. 'RB']	• 1
['accurate' 'VRG']	• - • 1	['nrobyjew' 'NNP']	• ± • 1	['intentionality' 'NN']	• 1
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[lintervall ND7]	• ± • 1	[boyle , NNI]	• ± • 1	[loombinstorial INNI]	• ± • 1
['interval', 'VBZ'] ['attaching', 'VBG']	• 1	[Intendity , 50]	• 1	[COMDINATORIAL , NN]	• ± • 1
['attaching', 'VBG']	: 1	['friendly', 'JJ'] ['supervised', 'VBD'] ['google', 'VBG'] ['second-level', 'JJ'] ['abstraction', 'VB']	: 1	['kerneis', 'NNS']	: 1
['i.e.', 'UH'] ['evaluates', 'VBZ'] ['modeled', 'VBD']	: 1	['google', 'VBG']	: 1	['algorithms', 'NNP']	: 1
['evaluates', 'VBZ']	: 1	['second-level', 'JJ']	: 1	['approximately', 'RB']	: 1
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['rdb', 'NNP']	: 1	['normalization', 'JJ']	: 1	['checked', 'VBN']	: 1
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['autonomy', 'NN']	: 1	['66', 'CD']	: 1	['generality', 'RB']	: 1
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['editors', 'NNS']	: 1	['natural', 'VB']	: 1	['mode', 'NN']	: 1
['d.r.radev', 'NNP']	: 1	['?rstly', 'RB']	: 1	['neurons', 'NNS']	: 1
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['biologically', 'RB']	: 1	['instead', 'RB']	: 1	['older', 'JJR']	: 1
['superior', 'JJ']	: 1	['thread', 'NN']	: 1	['differences', 'VB']	: 1

The mb_representation of the management of the m					
['re-maintaining', 'JJ']	: 1	['why', 'VBZ']	: 1	<pre>['isolation', 'NN'] ['on-line', 'JJ'] ['training', 'VBG'] ['machine', 'VB'] ['1-star', 'JJ'] ['slns', 'NNPS'] ['publishers', 'NNS'] ['nanba', 'NNP'] ['coincidentally', 'RB'] ['mouaddib', 'NNP']</pre>	: 1
['stores', 'NNS']	: 1	['jon', 'NNP']	<u>:</u> 1	['on-line', 'JJ']	: 1
['sincerity', 'NN']	: 1	['inter-dependent', 'JJ']	: 1	['training', 'VBG']	: 1
['near'. 'JJ']	• 1	['cr'. 'NNP']	• 1	['machine'. 'VB']	• 1
['award' 'NN']	• 1	['evolutionism' 'VB']	• ± • 1	['1-star', '.T.T']	• 1
[award , NN]	• ± • 1	['5 1' 'NND']	• ± • 1	['alna' 'NNDS']	• ± • 1
[Lailway , NN]	• ±	[J.I , NNF]	• 1	[SINS , NNES]	• ±
['ISZ', 'VBP']	; <u>1</u>	['Yellow', 'OU']	; <u>1</u>	['publishers', 'NNS']	· 1
['styles', 'NNS']	; 1	['proacnes', 'NNS']	: 1	['nanba', 'NNP']	: 1
['ones', 'NNS']	: 1	['reads', 'VBZ']	: 1	['coincidentally', 'RB']	: 1
['adaption', 'NN']	: 1	['corresponding', 'VBZ']	: 1	['mouaddib', 'NNP']	: 1
['collins', 'NNP']	: 1	['ashburner', 'NNP']	: 1	['paradigm', 'NNP']	: 1
['emergence', 'NNP']	: 1	['schemes', 'NNS']	: 1	['hundred', 'CD']	: 1
['conjoint', 'JJ']	: 1	['structures', 'VBZ']	: 1	['ls2', 'NNP']	: 1
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['prospective', 'JJ']	: 1	['stimulation', 'VB']	: 1	<pre>['coincidentally', 'RB'] ['mouaddib', 'NNP'] ['paradigm', 'NNP'] ['hundred', 'CD'] ['ls2', 'NNP'] ['vary', 'VB'] ['states', 'NNS'] ['75', 'CD'] ['loan', 'NN'] ['howe', 'NNP'] ['brother', 'NN'] ['save', 'JJ'] ['down', 'RB'] ['importantly', 'RB'] ['recite', 'NN'] : 1 ['summarizer',</pre>	: 1
['across', 'IN']	: 1	['selected', 'VBD']	: 1	['75', 'CD']	: 1
['49.50', 'CD']	• 1	['19.20.25', 'CD']	• 1	['loan', 'NN']	: 1
['broker' 'NN']	• - • 1	['nodes' 'VB7']	• ± • 1	['howe' 'NNP']	• 1
[rologo! !NN!]	• 1	['cuitable' 'NND']	• ± • 1	[!hrothor! !NN!]	• ± • 1
[Lerease , NN]	• ±	[Suitable , NNF]	• 1	[DIOCHEI , NN]	• ±
['Indicated', 'NN']	: 1	['Curve', 'NN']	; <u>1</u>	['Save', 'JJ']	: 1
['2,15,43', 'CD']	: 1	['Irlendoi', 'NN']	: 1	['down', 'RB']	: 1
['mechanization', 'NN']	: 1	['route', 'VB']	: 1	['importantly', 'RB']	: 1
['e-presence', 'JJ']	: 1	['webmining', 'NNP']	: 1	['recite', 'NN']	: 1
['www.knowledgegrid.net/~h.zh	uge/sln.htm',	'NN']: 1 ['unformulated',	' JJ ']	: 1 ['summarizer',	
'NNP'] : 1				<pre>: 1 ['summarizer', ['shows', 'NNS'] ['fraud', 'NN'] ['art', 'NNP'] ['tiger', 'NNP'] ['tiger', 'NNP'] ['vectors', 'VBZ'] ['outputting', 'VBG'] ['cradle-to-cradle', 'JJ'] ['sensors', 'VBZ'] ['sil', 'NNS'] ['sil', 'NNS'] ['blood', 'NN'] ['rsd', 'NN'] ['rsd', 'NN'] ['examined', 'VBN'] ['el', 'CD'] ['subconscious', 'NNP']</pre>	
['4-star', 'JJ']	: 1	<pre>['www.w3.org/xml', 'NNP']</pre>	: 1	['shows', 'NNS']	: 1
['dick', 'NNP']	: 1	['address', 'VB']	: 1	['fraud', 'NN']	: 1
['want', 'VB']	: 1	['reasoned', 'VBD']	: 1	['art', 'NNP']	: 1
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['mccov', 'NNP']	: 1	['html', 'JJ']	: 1	['active', 'NNP']	: 1
['here' 'RB']	• 1	['close' 'NN']	· 1	['vectors' 'VBZ']	• 1
['+' 'NND']	• ± • 1	['sameconference' 'NN']	• ± • 1	['outputting' 'VRG']	• 1
[Lamorron L. IVDNI]	• ±	[Sameconference , NN]	• ± • 1	[laradia to aradia! IIII]	• ±
[broken, AND]	i 1	['IOUCdult', 'NNP']	; <u>1</u>	['cradie-to-cradie', 'ou']	: 1
['CI', 'NNP']	; 1	['Samear: ITation', 'NN']	; 1	['sensors', 'VBZ']	: 1
['self-motivation', 'NN']	: 1	['synthesizes', 'VBZ']	: 1	['S1I', 'NNS']	: 1
['e.g.', 'VBP']	: 1	['t1', 'NN']	: 1	['blood', 'NN']	: 1
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['neuroscience', 'NN']	: 1	['gas', 'NN']	: 1	['sn', 'NN']	: 1
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['writing', 'NNP']	: 1	['raschia', 'NNP']	: 1	['reasonability', 'NN']	: 1
	: 1	['samelanguage', 'NN']	: 1		: 1
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['away', 'RB']	: 1	['inherits', 'VBZ']	: 1	['object-oriented', 'NNP']	: 1

<u> </u>					
['dividing', 'VBG']	: 1	['massively', 'CD']	: 1	['directions', 'NNS']	: 1
['artifacts', 'NNP']	: 1	['inferential-transformationa	al', 'JJ']: 1	['exploiting', 'VBG']	:
1					
<pre>['appeared', 'VBN'] ['summarizer', 'VB'] ['machine-data-machine', 'JJ'] ['fertilizer', 'NN'] ['extractive', 'NN']</pre>	• 1	['curation', 'VB']	: 1	<pre>['afantenos', 'NNP'] ['reasoning', 'JJ'] ['automatic', 'VB'] ['coordinating', 'VBZ'] ['19th', 'JJ'] ['distinguishing', 'VB']</pre>	: 1
['summarizer'. 'VB']	• 1	['shroff'. 'NNP']	• 1	['reasoning', 'JJ']	• 1
['machine-data-machine' '.T.T']	• ± • 1	['seeing' 'VBG']	• ± • 1	['automatic' 'VR']	• 1
[!fortilizor! !NN!]	• 1	[1581 1001]	• 1	[!coordinating! !VP7!]	• ± • 1
['ovtractive' 'NN']	• ± • 1	['conducted' 'VPN']	• 1	[COOLGINACING , VBZ]	• ± • 1
[exclactive , NN]	• ± • 1	[Inhilosophors INNS!]	• ± • 1	[Idiatinguishing! IVP!]	• 1
<pre>['removing', 'JJ'] ['incompatible', 'VB']</pre>	• 1	[pilitosophers , NNS]	• 1	<pre>['distinguishing', 'VB'] ['arise', 'VBP'] ['clicks', 'VBZ'] ['replacement', 'NN'] ['facet', 'VBP'] ['have', 'JJ'] ['editing', 'NNP'] ['co-experiencing', 'JJ'] ['polynemes', 'VBZ'] ['models', 'VBD'] ['relevance', 'VB'] ['inserted', 'JJ'] ['putting', 'VBG'] ['denoted', 'VBD']</pre>	• ± • 1
['Incompatible', 'VB']	. 1	['multi-agents', 'NNS']	i <u>I</u>	['alise', 'VBP']	• ±
['guides', 'NNS']	: 1	['X1', 'JJ']	: 1	['Clicks', 'VBZ']	: 1
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['56'. 'CD']	• 1	['tuple'. 'JJ']	• 1	['aries'. 'NNP']	• 1
['mutual-influence' 'NN']	• ± • 1	['varied' 'VBN']	• - • 1	['net' 'NNP']	• 1
['56', 'CD'] ['mutual-influence', 'NN'] ['non', 'VB'] ['deduced', 'VBN']	• 1	['near' 'IN']	• ± • 1	['denoted', 'VBD'] ['editor', 'NN'] ['gries', 'NNP'] ['net', 'NNP'] ['spa', 'NN'] ['expand', 'VBP']	• ± • 1
[Moducod! !VPN!]	• ± • 1	[!minimum! !VDN!]	• 1	[Spa , NN]	• ± • 1
[deduced , VBN]	• ± • 1	[MITITIMUM , VDN]	• 1	[expand , vbr]	• ± • 1
[detecting , VB2]	• <u>1</u>	[eo , CD]	• <u>1</u>	[dDITICY , VD]	• ± . 1
['adaptability', 'VB']	: 1	['misleading', 'JJ']	; <u>1</u>	['Iriday', 'NNP']	: 1
['deleting', 'VBZ'] ['adaptability', 'VB'] ['soundness', 'NN'] ['hypothesis', 'NNS'] ['e10', 'NNPS'] ['fahey', 'NNP']	: 1	['TTK', 'NN']	; 1	<pre>['expand', 'VBP'] ['ability', 'VB'] ['friday', 'NNP'] ['-lsb-', 'VB'] ['dj', 'NN'] ['measuring', 'NN'] ['navlakha', 'NNP'] ['sim_vec', 'JJ']</pre>	: 1
['hypothesis', 'NNS']	: 1	['one-way', 'VBG']	: 1	['dj', 'NN']	: 1
['e10', 'NNPS']	: 1	['dynamicity', 'VB']	: 1	['measuring', 'NN']	: 1
['fahey', 'NNP']	: 1	['implementing', 'VBG']	: 1	['navlakha', 'NNP']	: 1
['navigation', 'NNP']	: 1	['deleting', 'JJ']	: 1	['sim_vec', 'JJ']	: 1
['hahn', 'NNP']	: 1	[www.ws.org/tr/rdr-sparqr-qu	ieră/.'' .00.]: -	[empiricism , NNP]	•
<pre>['aptitude', 'JJ'] ['threats', 'NNS'] ['duplicate', 'JJ'] ['resourcetypes', 'NNS']</pre>	: 1	['built', 'VBD']	: 1	['sketches', 'NNS']	: 1
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['duplicate', 'JJ']	: 1	['abstraction', 'VBG']	: 1	['deletions', 'NNS']	: 1
['resourcetypes', 'NNS']	: 1	['http://www.w3.org/tr/html5/	'', 'NNP'l: 1	['verifications', 'NNS']	:
1	. –	[,	,,	·
['heard', 'VBD']	: 1	['hold', 'VBP']	: 1	['questioning', 'NN']	: 1
['pathway', 'NN']	: 1	['stern', 'NNP']	: 1	['prediction', 'VBZ']	: 1
['coordinating', 'VB']	: 1	['dennis', 'NNP']	: 1	['wittgenstein', 'NNP']	: 1
['readablitiy', 'RB']	: 1	['http://www.w3.org/tr/rdf-mt	:/ ', ' JJ']: 1	['blocks', 'NNS']	:
I ['ocean', 'NN']	: 1	['unify', 'VB']	: 1	['sl', 'NN']	: 1
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[GCCCITCTOTIO , INTO]	• +	[albeovered / oo]	• ±		• ±

['departments', 'NNS']	: 1	<pre>['topology', 'RB'] ['pay', 'VBP'] ['analysized', 'VBN'] ['costs', 'NNS'] ['easy', 'NNP'] ['mccallum', 'NNP'] ['monitor', 'NN'] ['obtaining', 'JJ']</pre>	: 1	['markov', 'NNP']	: 1
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['identifiable'. 'JJ']	: 1	['analysized', 'VBN']	· 1	['adaptation'. 'NNP']	• 1
['realizing' 'VB']	• 1	['costs' 'NNS']	· 1	['high-speed', 'JJ']	• 1
['deletion' 'NN']	• 1	['easy' 'NNP']	• ± • 1	['1963' 'CD']	• -
[defection , NN]	• 1	[easy , INNI]	• ± • 1	[!triplo! !NN!]	• 1
[extends , NNS]	· 1	[mccarrum , NNF]	• ± • 1	[cripte , NN]	• 1
[legenemical INNC!]	• 1 • 1	[MONICOI , NN]	• 1	[gmin , nne]	• 1
[economics , NNS]	; <u>1</u>	['Obtaining', 'Oo']	. 1	['ediler', 'JUR']	; <u>1</u>
['opportunity', 'NNP'] ['top-k', 'NNP'] ['+2', 'CD'] ['dispersed', 'JJ'] ['graphical', 'JJ'] ['reproduce', 'VB']	: 1	[.composing.', .ABD.]	: 1	['annotated', 'RB']	; <u>1</u>
['top-k', 'NNP']	: 1	['nttp://www.ws.org/xml', 'NNP']	: 1	['publishedin', 'VBN']	: 1
['+2', 'CD']	: 1	['compression', 'NNP']	: 1	['practitioners', 'NNS']	: 1
['dispersed', 'JJ']	: 1	['justifying', 'VBG']	: 1	['run', 'VBN']	: 1
['graphical', 'JJ']	: 1	['disparate', 'JJ']	: 1	['grows', 'VBZ']	: 1
['reproduce', 'VB']	: 1	['engine', 'NN']	: 1	['replay', 'VB']	: 1
['resource', 'RB']	: 1	<pre>['obtaining', 'UJ'] ['composing', 'VBD'] ['http://www.w3.org/xml', 'NNP'] ['compression', 'NNP'] ['justifying', 'VBG'] ['disparate', 'JJ'] ['engine', 'NN'] ['belongto', 'NN']</pre>	: 1	['http://www.google.org/flutrend	ls/ ',
'NNP']: 1		<pre>['belongto', 'NN'] ['belongto', 'NNP'] ['younger', 'JJR'] ['geometric', 'JJ'] ['brought', 'VBD'] ['cosine', 'NN'] ['executing', 'VBG'] ['report', 'NN'] ['angle', 'NN'] ['angle', 'NNP'] ['marcus', 'NNP'] ['taxonomies', 'NNS'] ['broadband', 'JJ'] ['addresses', 'VBZ'] ['smoot', 'NNP'] ['method', 'JJ'] ['algebra', 'NNP'] ['results', 'VBZ'] ['speci?es', 'VBZ'] ['speci?es', 'VBZ'] ['starts', 'VBZ'] ['initiatives', 'NNS'] ['interface', 'NNP'] ['unreasonable', 'JJ'] ['linking', 'NNP']</pre>			
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['IOrums', 'NNS']	: 1	['ne/sne', 'VBP']	: 1	['invisible', 'VB']	: 1
['documental', 'JJ']	: 1	['cocite', 'NN']	: 1	['convergence', 'NN']	: 1
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['duties'. 'NNS']	• ± • 1	['hinder'. 'VB']	• 1	['organ'. 'NN']	• 1
['concepts' 'NNP']	• ± • 1	['91' 'CD']	• ± • 1	['sufficiently' 'RR']	• 1
['filters' 'NNS']	• ± • 1	['havesian' 'NN']	• ± • 1	['karl' 'NNP']	• ± • 1
['inenires' 'NNS']	• ± • 1	['ang' 'NND']	• 1	['non-symbol' 'JT']	• ± • 1
[llifotimo! NAD!]	• ± • 1	[laomprosped! IVPN!]	• ± • 1	[lanalogy! !NNC!]	• ± • 1
[IIIecime , vbr]	• 1	[COMPlessed , VBN]	• 1	[analogy , NNS]	• ± • 1
[deruxe , oo]	• 1	[lealize , vbr]	• <u>1</u>	[externalization , VBN]	• ±
['amenament', 'NN']	: 1	['SZ', 'NN']	; <u>1</u>	['supported', 'VBD']	<u> </u>
['editorof', 'CD']	: 1	['Ir', 'NNP']	: 1	['tnemes', 'NNS']	: 1
['deletes', 'VBZ']	: 1	['8,21', 'CD']	: 1	['resonance', 'NNP']	: 1
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['integrated', 'JJ']	: 1	['load', 'NN']	: 1	['ontologies', 'JJ']	: 1
['automation', 'VB']	: 1	['tgt', 'CD']	: 1	['corresponds', 'NNS']	: 1
[automation , 'VB']	• I	[cgc , CD]	• T	[corresponds ' . MN2.]	· 1

W Pdic:			
limited	: ['VBN', 'JJ', 'VBD']	positions	: ['NNS']
writings	: ['NNS']	homomorphism	: ['NN']
two-dimensional	: ['JJ']	similarity	: ['VBZ', 'NN', 'NNP']
fig.	: ['CD', 'VBN', 'NNP']	getclosure	: ['NNP']
magnetic	: ['JJ', 'NNP']	personally	: ['RB']
desirable	: ['JJ']	monte	: ['NNP']
yellow	: ['JJ']	dynasty	: ['NNP']
four	: ['CD']	facilities	: ['NNS']
erkan	: ['NNP']	heliocentric	: ['JJ']
consists	: ['VBZ', 'NNP']	machine-understandak	ole: ['JJ']
prognostics	: ['NNS']	localized	: ['JJ']
forget	: ['JJ']	relationships	: ['NNS']
whose	: ['WP\$']	rdb	: ['NNP']
feeding	: ['NN']	prusak	: ['NNP']
calculate	: ['VB', 'VBD']	bi	: ['NN']
memex	: ['NNS', 'NN', 'NNP']	physiological	: ['JJ', 'NN']
segments	: ['NNS']	posteriori	: ['NNS', 'JJ']
spec-apart-gen	: ['NN']	presents	: ['VBZ']
society-level	: ['JJ', 'NNP']	4nf	: ['CD']
restriction	: ['NN']	multi-agents	: ['NNS']
under	: ['IN']	preprocess	: ['JJ']
teaching	: ['VBG', 'NN']	ontological	: ['JJ']
featuring	: ['VBG']	worth	: ['JJ', 'NN']
easy-to-understand	: ['JJ']	summarizes	: ['VBZ']
summarizer	: ['NN', 'NNP', 'VB']	conjecture	: ['NNP', 'NN']
collaborate	: ['VB']	xn-1	: ['VB', 'NNP', 'RB']
emerged	: ['VBN', 'JJ', 'VBD']	downstream	: ['VBN']
dynamic	: ['JJ', 'NN']	add/remove	: ['JJ']
regional	: ['JJ']	connects	: ['VBZ']
splitting	: ['NN']	first-level	: ['JJ']
probability	: ['NN']	resoning	: ['NN']
every	: ['DT']	updates	: ['NNS']
human-machine	: ['JJ']	summarized	: ['VBG', 'VBN', 'VBD']
unify	: ['VB', 'NN']	bringing	: ['VBG']
sj	: ['NNP']	vast	: ['JJ']
differentiated	: ['VBN']	specify	: ['VB', 'NNS']
open-source	: ['JJ']	crops	: ['NNS']
graph-based	: ['JJ']	companies	: ['NNS']
solution	: ['NN']	herbert	: ['NNP']
minimization	: ['NNS']	non-action-centered	
vector	: ['NN', 'NNP']	suite	: ['NN']
guiding	: ['VBG']	e-applications	: ['NNS']
diversity	: ['VB', 'NN']	enhance	: ['VB']
markov	: ['NNP']	unifying	: ['VBG', 'JJ']
commented	: ['VBD']	locked-in	: ['JJ']
enjoy	: ['VB']	achievements	: ['NNS']

expanded : ['VBK']	F:\Pn.D_1\program\Eclipse\CE_re	elation\WPFdic.txt		2016年7月20日 15:12
Consistent ['JJ']	expanded	: ['VBN']	force	: ['VB', 'VBP', 'NN']
Consistent [JJI]	evaluating	: ['VBG']	disciplines	: ['NNS']
direct : ['Was']	concise	: ['JJ']	phones	: ['NNS']
### Surrounding : ['VSG'] 14kely 1'RS', 'JJ'] e.	consistent	: ['JJ']	mail	: ['NN']
e. : ['NN', 'NNF'] chen : ['NN'] long-run : ['NI'] machines : ['NNPS', 'NNS', 'JJ'] cooperatively : ['NN'] even : ['NS'] understandability : ['NN'] fuses : ['NSS', 'NSS', 'JJ'] organisms : ['NNS'] euclidean : ['JJ', 'NNF'] integrity : ['NN'] zoom-out : ['VEG', 'NN', 'JJ'] selected : ['NNN', 'NNF'] zoom-out : ['VEG', 'NN', 'NNF'] children : ['NNS', 'NNF'] pragmatism : ['VEG', 'NN', 'NNF'] new : ['JJ', 'NNF'] net : ['VEG'] new : ['JJ', 'NNF'] net : ['JJ', 'NNF'] contributes : ['YEZ'] connected : ['NNN', 'NNF'] evolutionism : ['YEG'] metadata : ['NNN', 'NNF'] evolutionism : ['YEG', 'NN', 'NNF'] reber : ['NNS'] sewenth : ['JJ', 'NNF'] net : ['NNS'] refinement : ['NN'] here : ['NNS'] refinement : ['NN'] here : ['NNS'] granularity : ['NN'] protection : ['NNS'] refinement : ['NN'] protection : ['NNS'] granularity : ['NN'] standard : ['NN', 'NNF'] refinement : ['NN'] protection : ['NN'] granularity : ['NN'] protection : ['NN'] granularity : ['NN'] protection : ['NN'] granularity : ['NN'] standard : ['NN', 'NNF'] refinement : ['NN'] protection : ['NN'] granularity	direct	: ['VBZ', 'JJ', 'NNP']	feasibility	: ['NN']
inter-attribute : ['JJ']	surrounding	: ['VBG']	likely	: ['RB', 'JJ']
Inter-attribute	e.	: ['NN', 'NNP']	chen	: ['NNP']
Long-run	inter-attribute	: ['JJ']	air	
cooperatively : ['RB'] understandability : ['NNS'] euclidean : ['VBZ'] organisms : ['NNS'] euclidean : ['VBZ', 'NN', 'JJ'] selected : ['WNN', 'NNP'] sln : ['VBZ', 'NN', 'NNP'] children : ['NNS', 'NNP'] pragmatism : ['VBZ', 'NN', 'NNP'] above : ['JJ', 'NNP'] designing : ['VBZ', 'NN', 'NNP'] new : ['JJ', 'NNP'] net : ['JJ', 'NN, 'NNP'] consisting : ['WBZ', 'WB', 'NN'] rsi2 : ['NN, 'NP'] evolutionism : ['WBZ', 'WB', 'NN'] rsi2 : ['NNP'] evolutionism : ['WBZ', 'WBG', 'JJ', 'NNP'] rsi2 : ['NNP'] simultaneously : ['RB'] end : ['NNB'] seventh : ['JN', 'NN'] rebe : ['NNB'] sunspot : ['NN'] protection : ['NNB'] china : ['NNP'] protection : ['NN'] china : ['NN'] protection : ['NN'] path : ['NN'] interpret	long-run	: ['NN']	machines	
organisms : ['NN'] euclidean : ['JJ', 'NNF'] integrity : ['NN'] zom-out ! ['VBC', 'NN', 'JJ'] selected : ['VNN', 'VBD'] sin : ['VBC', 'NN', 'NNP'] children : ['NNF', 'NNP'] cesigning : ['VBC'] sbove : ['JJ', 'NNP'] cesigning : ['VBC'] contributes : ['VBC'] connected : ['VBC', 'JJ'] consisting : ['VBC'] connected : ['VBN', 'NNP'] consisting : ['VBC'] connected : ['VBN', 'NNP'] evolutionism : ['RB', 'VBC', 'JJ', 'NNP'] reie : ['NNP'] evolutionism : ['RB', 'VBC', 'JJ', 'NNP'] reber : ['NNP'] evolutionism : ['RB', 'VBC', 'JJ', 'NNP'] reber : ['NNP'] evolutionism : ['RB', 'VBC', 'JJ', 'NNP'] reber : ['NNP'] evolutionism : ['RB', 'VBC', 'JJ', 'NNP'] reber : ['NNP'] evolutionism : ['NB', 'JJ'] leaning : ['VBC'] simulance : ['NNI'] leaning : ['NBC'] <td>cooperatively</td> <td>: ['RB']</td> <td>even</td> <td>: ['RB']</td>	cooperatively	: ['RB']	even	: ['RB']
organisms : ['NN'] euclidean : ['JJ', 'NNF'] integrity : ['NN'] zom-out ! ['VBC', 'NN', 'JJ'] selected : ['VNN', 'VBD'] sin : ['VBC', 'NN', 'NNP'] children : ['NNF', 'NNP'] cesigning : ['VBC'] sbove : ['JJ', 'NNP'] cesigning : ['VBC'] contributes : ['VBC'] connected : ['VBC', 'JJ'] consisting : ['VBC'] connected : ['VBN', 'NNP'] consisting : ['VBC'] connected : ['VBN', 'NNP'] evolutionism : ['RB', 'VBC', 'JJ', 'NNP'] reie : ['NNP'] evolutionism : ['RB', 'VBC', 'JJ', 'NNP'] reber : ['NNP'] evolutionism : ['RB', 'VBC', 'JJ', 'NNP'] reber : ['NNP'] evolutionism : ['RB', 'VBC', 'JJ', 'NNP'] reber : ['NNP'] evolutionism : ['RB', 'VBC', 'JJ', 'NNP'] reber : ['NNP'] evolutionism : ['NB', 'JJ'] leaning : ['VBC'] simulance : ['NNI'] leaning : ['NBC'] <td>understandability</td> <td>: ['NN']</td> <td>fuses</td> <td>: ['VBZ']</td>	understandability	: ['NN']	fuses	: ['VBZ']
selected : ['WEN', 'WED'] sln : ['WE', 'NNY'] children : ['NINY'] designing : ['WE'] above : ['JJ', 'INY] designing : ['WE'] new : ['JJ', 'NNY'] designing : ['WE'] contributes : ['WE'] connected : ['WEN', 'JJ', 'NNY'] consisting : ['WE'] metadata : ['NNY'] evolutionism : ['RB', 'VB', 'NN'] reil : ['NNY'] evolutionism : ['RB', 'VB', 'NN'] reil : ['NNY'] evolutionism : ['RB', 'VB', 'NN'] reil : ['NNY'] evolutionism : ['RB', 'VB', 'NN'] reber : ['NNY'] evolutionism : ['NB', 'NN'] reber : ['NNY'] evolutionism : ['NB', 'NN'] reber : ['NNS'] evolutionism : ['NB', 'NN'] reber : ['NNS'] evolutionism : ['NN'] leaning : ['NB'] evolutionism : ['NN'] reber : ['NN'] evalutionism : ['NN']	organisms	: ['NNS']	euclidean	: ['JJ', 'NNP']
children : ['NNS', 'NNF']	integrity	: ['NN']	zoom-out	: ['VBG', 'NN', 'JJ']
above : ['JJ', 'NN'] designing : ['VBG'] new : ['JJ', 'NNP'] net : ['VBG'] contributes : ['V8Z'] connected : ['VBN', 'JJ'] consisting : ['V8G'] metadata : ['NNP'] evolutionism : ['RB', 'VB', 'NN] rsi2 : ['NNP'] evolutionism : ['V8E', 'VBG', 'JJ', 'NNP'] reber : ['NNP'] evolutionism : ['V8E', 'JJ', 'NNP'] reber : ['NNP'] simultaneously : ['RB'] simultaneously : ['RB'] sunspot : ['NN'] ! (101) ! ['RB'] refinement : ['NNP'] refinement : ['NNP'] replace : ['NN'] replace	selected	: ['VBN', 'VBD']	sln	: ['VB', 'NN', 'NNP']
new : ['JJJ', 'NNF'] net : ['JJJ', 'NNF'] contributes : ['VBG'] connected : ['VBN', 'JJ'] consisting : ['VBG'] metadata : ['NNF'] evolutionism : ['RB', 'VB', 'NNI'] rsi2 : ['NNF'] evolutionism : ['VBC', 'VBG', 'JJ', 'NNP'] reber : ['NNP'] simultaneously : ['RB'] reber : ['NNS'] seventh : ['INI'] leaning : ['VBG'] sunspot : ['NNI'] here : ['RB'] sunspot : ['NNI'] protection : ['NN'] schina : ['NNI'] protection : ['NN'] china : ['NNI'] protection : ['NN'] granularity : ['NNI'] protection : ['NN'] quite : ['NNI'] protection : ['US', 'NNI',	children	: ['NNS', 'NNP']	pragmatism	: ['VBZ', 'NN']
new : ['JJJ', 'NNF'] net : ['JJJ', 'NNF'] contributes : ['VBG'] connected : ['VBN', 'JJ'] consisting : ['VBG'] metadata : ['NNF'] evolutionism : ['RB', 'VB', 'NNI'] rsi2 : ['NNF'] evolutionism : ['VBC', 'VBG', 'JJ', 'NNP'] reber : ['NNP'] simultaneously : ['RB'] reber : ['NNS'] seventh : ['INI'] leaning : ['VBG'] sunspot : ['NNI'] here : ['RB'] sunspot : ['NNI'] protection : ['NN'] schina : ['NNI'] protection : ['NN'] china : ['NNI'] protection : ['NN'] granularity : ['NNI'] protection : ['NN'] quite : ['NNI'] protection : ['US', 'NNI',	above	: ['JJ', 'IN']	designing	: ['VBG']
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evolutionism : ['RB', 'VB', 'NN'] rsi2 : ['NNP'] evolving : ['VBZ', 'VBG', 'JJ', 'NNP'] reber : ['NNP'] simultaneously : ['RB'] notions : ['NNS'] seventh : ['JJ'] leaning : ['VBG'] sunspot : ['NN'] here : ['RB'] refinement : ['NNI'] protection : ['NN'] china : ['NNP'] pursuit : ['VB', 'NN'] granularity : ['NN'] protection : ['NN'] path : ['NN'] represented : ['JJ', 'VEN', 'NN', 'VBD'] path : ['NN'] 100 : ['CD'] quite : ['RB'] obtained : ['VB'] violate : ['VB'] obtained : ['NN'] balance : ['NN'] addnode : ['NN', 'NNP'] slow : ['JJ'] study : ['RB'] normalizes : ['NS'] protection : ['NN'] subsumption : ['NS'] protection : ['NN'] <	contributes	: ['VBZ']	connected	: ['VBN', 'JJ']
evolving : ['NEZ', 'VBG', 'JJ', 'NNP'] reber : ['NNF'] simultaneously : ['RB'] notions : ['NNS'] seventh : ['JJ'] leaning : ['NSG'] sunspot : ['NN'] here : ['RB'] refinement : ['NN'] protection : ['NN'] china : ['NNP'] pursuit : ['WB'] china : ['NNP'] pursuit : ['WB', 'NN'] granularity : ['NN'] represented : ['JJ', 'VBN', 'NN', 'VBD'] path : ['NN'] 100 : ['CD'] quite : ['RB'] interpret : ['WB'] violate : ['NN'] obtained : ['WB'] balance : ['NN'] addnode : ['WB'] balance : ['NN'] study : ['NB'] changed : ['WB'] yull : ['NB'] normalizes : ['WB'] precede : ['NN'] normalizes : ['NS'] electricity : ['NN'] browsing <	consisting	: ['VBG']	metadata	: ['NN', 'NNP']
simultaneously : ['RB'] notions : ['NNS'] seventh : ['JJ'] leaning : ['NBG'] sunspot : ['NN'] here : ['RB'] refinement : ['NN'] protection : ['NN'] china : ['NNP'] protection : ['NN'] granularity : ['NN'] pursuit : ['VB', 'NN'] granularity : ['NN'] protection : ['VB', 'NN'] path : ['NN'] 100 : ['CD'] quite : ['NN'] obtained : ['VB'] violate : ['VB'] obtained : ['VBN'] violate : ['NN'] addnode : ['NN', 'NNP'] changed : ['VBY, 'JJ'] completely : ['RB'] normalizes : ['VBZ'] procede : ['NN', 'NNP'] dependencies : ['NNS'] analysts : ['NN'] browsing : ['VBC', 'JJ', 'NNP'] coaccess : ['JJ', 'NNS'] complicated : ['JJ', 'NNP'] caccess : ['NNP']	evolutionism	: ['RB', 'VB', 'NN']	rsi2	: ['NNP']
seventh : ['JJ'] leaning : ['VBG'] sunspot : ['NN'] here : ['RB'] refinement : ['NN'] protection : ['NN'] china : ['NNP'] pursuit : ['VB', 'NN'] granularity : ['NN'] represented : ['UB', 'NN', 'NN', 'VBD'] path : ['NN'] represented : ['UB', 'VBN', 'NN', 'VBD'] quite : ['NB'] interpret : ['VB'] violate : ['VB'] obtained : ['VB'] balance : ['NN'] addnode : ['NN', 'NNP'] slow : [JJ'] study : ['VB', 'NN', 'NNP'] slow : ['WB', 'JJ'] completely : ['RB'] normalizes : ['VBY, 'JJ'] completely : ['NN'] dependencies : ['NNS'] electricity : ['NN'] browsing : ['VBM', 'JJ', 'NN'] co-access : ['JJ', 'NNS'] complicated : ['VBM', 'JJ'] zubiaga : ['NNP'] suitable : ['JJ', 'NNP'] changes	evolving	: ['VBZ', 'VBG', 'JJ', 'NNP']	reber	: ['NNP']
sunspot : ['NN'] here : ['NN'] refinement : ['NNP'] protection : ['NN'] china : ['NNP'] pursuit : ['VB', 'NN'] granularity : ['NN'] represented : ['JJ', 'VBN', 'NN', 'VBD'] path : ['NN'] 100 : ['CD'] quite : ['RB'] interpret : ['VB'] violate : ['WB'] obtained : ['VBN'] balance : ['NN'] addnode : ['NN'] slow : ['JJ'] study : ['VB', 'NN', 'NNP'] slow : ['YBZ'] procede : ['YB'] normalizes : ['VBZ'] procede : ['JJ'] museums : ['NNS'] electricity : ['NN'] dependencies : ['NNS'] analysts : ['NN'] browsing : ['VBG', 'JJ', 'NN'] co-access : ['JJ', 'NNS'] complicated : ['VBN', 'JJ'] zubiaga : ['NNP', 'NNS', 'JJ', 'CD'] mantic : ['JJ', 'NNP'] changes : ['NNP', 'NNS', '	simultaneously	: ['RB']	notions	: ['NNS']
refinement : ['NN']	seventh	: ['JJ']	leaning	: ['VBG']
china : ['NNP']	sunspot	: ['NN']	here	: ['RB']
granularity : ['NN']	refinement	: ['NN']	protection	: ['NN']
path	china	: ['NNP']	pursuit	: ['VB', 'NN']
<pre>quite : ['RB']</pre>	granularity	: ['NN']	represented	: ['JJ', 'VBN', 'NN', 'VBD']
violate : ['VB'] obtained : ['VBN'] balance : ['NN'] addnode : ['NN', 'NNP'] slow : ['JJ'] study : ['VB', 'NN', 'NNP'] changed : ['VBN', 'JJ'] completely : ['RB'] normalizes : ['VBZ'] precede : ['JJ'] museums : ['NNS'] electricity : ['NN'] dependencies : ['NNS'] analysts : ['NNS'] browsing : ['VBG', 'JJ', 'NN'] co-access : ['JJ', 'NNS'] complicated : ['VBN', 'JJ'] zubiaga : ['NNP'] suitable : ['JJ', 'NNP'] changes : ['VBZ', 'NNS'] mantic : ['JJ'] e8 : ['NP', 'NNS', 'JJ', 'CD'] criticism : ['NN'] appropriately : ['RB'] projection : ['VB', 'NN'] classification : ['NN', 'JJ', 'NNP'] concept-to-concept : ['VB'] explained : ['VBN', 'VBD'] continue : ['VB'] initialize : ['VB']	path	: ['NN']	100	: ['CD']
balance : ['NN'] addnode : ['NN', 'NNP'] slow : ['JJ'] study : ['VB', 'NN', 'NNP'] changed : ['VBV', 'JJ'] completely : ['RB'] normalizes : ['VBZ'] precede : ['JJ'] museums : ['NNS'] electricity : ['NN'] dependencies : ['NNS'] analysts : ['NNS'] browsing : ['VBG', 'JJ', 'NN'] co-access : ['JJ', 'NNS'] complicated : ['VBN', 'JJ'] zubiaga : ['NNP'] suitable : ['JJ', 'NNP'] changes : ['VBZ', 'NNS'] mantic : ['JJ'] e8 : ['NNP', 'NNS', 'JJ', 'CD'] criticism : ['NN'] appropriately : ['RB'] projection : ['VB', 'NN'] classification : ['NN', 'JJ', 'NNP'] concept-to-concept : ['VB'] explained : ['VB'] psychological : ['JJ'] initialize : ['VB']	quite	: ['RB']	interpret	: ['VB']
slow : ['JJ'] study : ['VB', 'NN', 'NNP'] changed : ['VBN', 'JJ'] completely : ['RB'] normalizes : ['VBZ'] precede : ['JJ'] museums : ['NNS'] electricity : ['NNS'] dependencies : ['NNS'] analysts : ['NNS'] browsing : ['VBG', 'JJ', 'NN'] co-access : ['JJ', 'NNS'] complicated : ['VBN', 'JJ'] zubiaga : ['NNP'] suitable : ['JJ', 'NNP'] changes : ['VEZ', 'NNS'] mantic : ['JJ'] e8 : ['NNP', 'NNS', 'JJ', 'CD'] criticism : ['NN'] appropriately : ['RB'] projection : ['VB', 'NN'] classification : ['NN', 'JJ', 'NNP'] concept-to-concept : ['VB'] explained : ['VBN', 'VBD'] continue : ['VB'] replace : ['VB'] psychological : ['JJ'] initialize : ['VB']	violate	: ['VB']	obtained	: ['VBN']
<pre>changed : ['VBN', 'JJ']</pre>	balance	: ['NN']	addnode	: ['NN', 'NNP']
normalizes : ['VBZ'] precede : ['JJ'] museums : ['NNS'] electricity : ['NN'] dependencies : ['NNS'] analysts : ['NNS'] browsing : ['VBG', 'JJ', 'NN'] co-access : ['JJ', 'NNS'] complicated : ['VBN', 'JJ'] zubiaga : ['NNP'] suitable : ['JJ', 'NNP'] changes : ['VBZ', 'NNS'] mantic : ['JJ'] e8 : ['NNP', 'NNS', 'JJ', 'CD'] criticism : ['NN'] appropriately : ['RB'] projection : ['VB', 'NN'] classification : ['NN', 'JJ', 'NNP'] concept-to-concept : ['VB'] explained : ['VBN', 'VBD'] continue : ['VB'] replace : ['VB'] psychological : ['JJ']	slow	: ['JJ']	study	: ['VB', 'NN', 'NNP']
museums : ['NNS'] electricity : ['NN'] dependencies : ['NNS'] analysts : ['NNS'] browsing : ['VBG', 'JJ', 'NN'] co-access : ['JJ', 'NNS'] complicated : ['VBN', 'JJ'] zubiaga : ['NNP'] suitable : ['JJ', 'NNP'] changes : ['VBZ', 'NNS'] mantic : ['JJ'] e8 : ['NNP', 'NNS', 'JJ', 'CD'] criticism : ['NN'] appropriately : ['RB'] projection : ['VB', 'NN'] classification : ['NN', 'JJ', 'NNP'] concept-to-concept : ['VB'] explained : ['VBN', 'VBD'] continue : ['VB'] replace : ['VB'] psychological : ['JJ']	changed	: ['VBN', 'JJ']	completely	: ['RB']
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browsing : ['VBG', 'JJ', 'NN'] co-access : ['JJ', 'NNS'] complicated : ['VBN', 'JJ'] zubiaga : ['NP'] suitable : ['JJ', 'NNP'] changes : ['VBZ', 'NNS'] mantic : ['JJ'] e8 : ['NNP', 'NNS', 'JJ', 'CD'] criticism : ['NN'] appropriately : ['RB'] projection : ['VB', 'NN'] classification : ['NN', 'JJ', 'NNP'] concept-to-concept : ['VB'] explained : ['VBN', 'VBD'] continue : ['VB'] replace : ['VB'] psychological : ['JJ'] initialize : ['VB']	museums	: ['NNS']	electricity	: ['NN']
<pre>complicated : ['VBN', 'JJ']</pre>		: ['NNS']	analysts	
suitable : ['JJ', 'NNP'] changes : ['VBZ', 'NNS'] mantic : ['JJ'] e8 : ['NNP', 'NNS', 'JJ', 'CD'] criticism : ['NN'] appropriately : ['RB'] projection : ['VB', 'NN'] classification : ['NN', 'JJ', 'NNP'] concept-to-concept : ['VB'] explained : ['VBN', 'VBD'] continue : ['VB'] replace : ['VB'] psychological : ['JJ'] initialize : ['VB']	browsing	: ['VBG', 'JJ', 'NN']	co-access	: ['JJ', 'NNS']
mantic : ['JJ'] e8 : ['NNP', 'NNS', 'JJ', 'CD'] criticism : ['NN'] appropriately : ['RB'] projection : ['VB', 'NN'] classification : ['NN', 'JJ', 'NNP'] concept-to-concept : ['VB'] explained : ['VBN', 'VBD'] continue : ['VB'] replace : ['VB'] psychological : ['JJ'] initialize : ['VB']	-	: ['VBN', 'JJ']	zubiaga	: ['NNP']
criticism : ['NN'] appropriately : ['RB'] projection : ['VB', 'NN'] classification : ['NN', 'JJ', 'NNP'] concept-to-concept : ['VB'] explained : ['VBN', 'VBD'] continue : ['VB'] replace : ['VB'] psychological : ['JJ'] initialize : ['VB']	suitable		changes	
projection : ['VB', 'NN'] classification : ['NN', 'JJ', 'NNP'] concept-to-concept : ['VB'] explained : ['VBN', 'VBD'] continue : ['VB'] replace : ['VB'] psychological : ['JJ'] initialize : ['VB']				
concept-to-concept : ['VB'] explained : ['VBN', 'VBD'] continue : ['VB'] replace : ['VB'] psychological : ['JJ'] initialize : ['VB']	criticism	: ['NN']		: ['RB']
continue : ['VB'] replace : ['VB'] psychological : ['JJ'] initialize : ['VB']	projection			
psychological : ['JJ'] initialize : ['VB']		: ['VB']		: ['VBN', 'VBD']
		: ['VB']		: ['VB']
http://www.ihm.com/his.data.com			initialize	: ['VB']
	——————————————————————————————————————	=	vivid	: ['JJ']
visualization : ['VB', 'NNP', 'NN'] stern : ['NNP']				
ln : ['NNP'] actions : ['NNS']			actions	
total : ['JJ'] forums : ['NNS']	total	: ['JJ']	forums	: ['NNS']

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unit
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would
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                                                             browse
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                                'VB', 'NNP', 'CD', 'RB', 'NNPS', 'JJ']until
e1
                     : ['NNS',
                                                                                               : ['IN']
                     : ['VBN', 'NN', 'NNP']
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                                                                                   : ['JJ']
m.
telegraph-based
                     : ['JJ']
                                                             enriching
                                                                                   : ['VBG']
                     : ['NN']
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                                                                                   : ['NN']
tm
therefore
                                                             recommend
                                                                                   : ['VB', 'VBP', 'NNP']
                     : ['RB']
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itself
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                                                                                   : ['NNS', 'NNP']
                     : ['RB']
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root
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                                                                                   : ['VB', 'VBP']
verify
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                                                             feature
                                                                                   : ['VB', 'NN']
```

The mb_reprogrammeonpooret_re	olation i diolot		
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how	: ['WRB', 'JJ']	methodology	: ['VB', 'NNS', 'NN', 'NNP']
writers	: ['NNS', 'UH', 'NNP']	hop	: ['NN']
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abstraction	: ['VB', 'VBG', 'NN', 'NNP']	newaddlink	: ['NNP']
description	: ['NN', 'NNP']	beauty	: ['NN']
arcs	: ['NNS']	transforming	: ['VB', 'VBG']
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after	: ['IN']	deletion	: ['NN']
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misunderstanding	: ['VBG']	objectively	: ['JJ']
hence	: ['RB', 'NNP']	wrong	: ['JJ']
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retail	: ['JJ']	2	: ['NN']
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move	: ['VB']	emphasize	: ['VB']
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2-star	: ['JJ']		: ['JJ']
executes	: ['VBZ']	_	: ['CD']
innovative	: ['JJ']		: ['NNP']
xn	: ['VBZ', 'VB', 'VBN', 'JJ', 'NNP']	-	: ['VBZ', 'VB', 'NNP']
nets	: ['VBZ', 'NNS']	knowledge-intensive	- · · · · · · · · · · · · · · · · · · ·
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samelanguage	: ['NN']		: ['VB', 'JJ']
personal	: ['NN', 'JJ']	_	: ['JJ']
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better	: ['JJR', 'RB', 'RBR']	-	: ['VBN']
production	: ['NN']	=	: ['JJ']
differently	: ['RB']	-	: ['CD']
all release	• [-\-]	2020	• [05]

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                                                                                  : ['JJR']
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meets
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encourage
                                                                                  : ['NN']
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                                                             newly
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ri
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rk
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                     : ['VBP', 'JJ']
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                                                             free
                                                                                  : ['JJ']
vesterday
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                                                                                  : ['JJ']
formation
                     : ['NN']
                                                             cross-referenced
                                                                                  : ['NNP']
sensors
                     : ['VBZ', 'NNS']
                                                             search/navigation/browsing: ['NN']
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F:\Pn.D_1\program\Eclipse\CE_re	ation\wPFdic.txt	
silent	: ['JJ']	incorporates : ['VBZ']
seger	: ['NNP']	bates : ['NNP']
r1	: ['VB', 'CD', 'NNS', 'VBN', 'NNP']	r2 : ['CD', 'NNS', 'NNP']
created	: ['VBN', 'VBD']	argument : ['NN']
starts	: ['VBZ', 'NNS']	grounding : ['NN']
concept-level	: ['JJ']	viewing : ['VBG']
creates	: ['VBZ']	+2 : ['CD']
isi	: ['NNP']	fuse : ['VB']
incorporated	: ['VBN']	unknown : ['NN', 'JJ']
isb	: ['NNP']	onto : ['IN']
user	: ['NN', 'NNP']	recite : ['NN']
organize	: ['VB', 'JJ']	social/individual : ['NN']
features	: ['VBZ', 'NNS']	render : ['VB', 'VBP', 'NN']
researcher	: ['NN']	researches : ['NNS', 'NN']
additions	: ['NNS']	i. : ['NNP']
assumptions	: ['NNS']	encouraging : ['VBG']
rank	: ['VB', 'NN']	implicates : ['VBZ']
channels	: ['NNS']	philosophical : ['JJ']
adopted	: ['VBN', 'JJ', 'VBD']	another : ['DT']
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navigator	. ['NN']	
electronic	· [NN] : ['JJ']	
stimulation		<pre>specially : ['RB'] cartesian : ['JJ']</pre>
	: ['VB']	
bottom-up service	: ['NN']	annotated : ['RB', 'JJ'] similarly : ['RB']
	: ['VB', 'NN']	
top goldbach	: ['NN', 'JJ']	
fiction	: ['NNP'] : ['NN']	<pre>approximately : ['RB'] plentiful : ['JJ']</pre>
needed	: ['VBN', 'JJ']	man-machine : ['JJ']
rates	: ['NNS']	too : ['RB']
hypothetical	: ['JJ']	worlds : ['NNS']
dhar	. [33] : ['NNP']	
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cyber-concept	: ['NN']	enhancing : ['VBG']
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rejected	: ['VBN', 'VBD']	wisdom : ['NN']
commonsenses	: ['JJ']	anchor : ['VB']
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wasted	: ['VBD']	self-organizing : ['JJ']
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tree	: ['JJ', 'NN']	second : ['NN', 'JJ', 'LS']
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matter	: ['NN']	classes : ['NNS', 'NNP']
friend	: ['NN']	historical : ['JJ']

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angle
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                                                                                 : ['NNP']
https://smartmanufacturingcoalition.org: ['VBG']
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                     : ['JJ']
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                     : ['RB', 'NN']
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d1	: ['NNP', 'NNS', 'JJ', 'CD']	depth : ['NN']	
trade-off	: ['NN']	clicked : ['JJ']	
proposed	: ['VBN', 'JJ', 'VBD']	addrule : ['NNP']	
situations	: ['NNS']	explain : ['VB', 'VBP']	
op3	: ['NNS', 'NNP']	super-link : ['JJ', 'NN', 'VB']	
cross-platform	: ['JJ']	fisher : ['NNP']	
bush	: ['NNP']	k-line : ['JJ', 'NN']	
summarizing	: ['VBG', 'JJ']	rich : ['JJ']	
pursuing	: ['VBG', 'NN']	<pre>integrate : ['VB']</pre>	
self-adaptive	: ['JJ']	govern : ['VBP']	
population	: ['NN']	salton : ['NNP']	
borrowed	: ['VBN']	do : ['VB', 'VBP']	
explorations	: ['NNS']	dj : ['NN']	
establishes	: ['VBZ']	localizing : ['VBG']	
di	: ['FW', 'NNP', 'IN']	prefaces : ['NNS']	
db	: ['NNP']	scalable : ['JJ']	
preferred	: ['VBN']	attenantof : ['NN']	
html-based	: ['JJ']	dx : ['VBP', 'NN']	
supplies	: ['NNS']	report : ['NN', 'NNP']	
hubble	: ['NNP']	extremely : ['RB']	
li1	: ['NNP']	seemly : ['RB']	
unconsciously	: ['JJ']	layout : ['NN']	
hall	: ['NNP']	laterthan : ['NN']	
increasing	: ['VBG', 'NN']	edvac : ['NN']	
introduced	: ['VBN', 'VBD']	textbooks : ['NNS']	
idioms	: ['NNS']	<pre>public : ['NN', 'JJ', 'NNP']</pre>	
intervals	: ['NNS']	protocols : ['NNS']	
architecture	: ['VBZ', 'NN', 'NNP']	18 : ['CD']	
release	: ['NN']	<pre>implication : ['VB', 'NN']</pre>	
hasten	: ['VB']	automatic : ['VB', 'JJ', 'NNP']	
steam	: ['NN']	black : ['JJ']	
large-scale	: ['JJ', 'VBD']	delrule : ['NNP']	
reference	: ['NN']	habit : ['NN']	
10,17	: ['CD']	vocabularies : ['NNS']	
peripheral	: ['JJ']	sameage : ['JJ']	
emergent	: ['JJ']	infectious : ['JJ']	
detection	: ['NN']	<pre>cyber-physical-socio: ['VB', 'JJ', 'NNP']</pre>	
depends	: ['VBZ']	radius : ['NNS']	
projections	: ['NNS']	w1 : ['JJ']	
holding	: ['VBG']	c-sln : ['NNP']	
sln-ds	: ['NNS']	blei : ['NNP']	
correlational	: ['JJ']	techniques : ['NNS']	
success	: ['NN']	lenat : ['NNP']	
on-demand	: ['JJ', 'NN']	exponent : ['NN']	
		<u> </u>	

Inaptoprinte [101]		br.program.zonpoorez_rolation	MITTI T GIOLOGO					
wikipedia : ['NNF'] patients : ['NNE'] artificial : ['JJ'] taxonomics : ['NNE'] symmetric : ['JJ'] taxonomics : ['NNE'] unable : ['JJ'] discovers : ['NNE'] cocpeptual : ['JJ'] discovers : ['NN'] approach : ['YB'] discovers : ['YEP'] ve : ['PAP'] never : ['An'] kems : ['NN] attend ! VPP, 'VBP'] nature : ['NN] never : ['An'] smalled : ['NN] never : ['PAP'] smalled : ['NN] never : ['PAP'] sk : ['NN] never : ['PAP']	ina	appropriate :	['JJ']		predecessor	:	['NN']	
artificial : ['JJ']	awa	ay :	['RB']		c2y	:	['NNS']	
Symmetric ['Jo']	wil	kipedia :	['NNP']		patients	:	['NNS']	
unable : [JJT] discovers : [VBZ] cocoperation : [NN, 'NNE'] simplest : [VBN] cocoperation : [NN, 'NNE'] drawn : [VBN] approach : [VB, 'NNT] drawn : [VBN] preserve : [VBT] oned : [NNT] we : [VBR] never : [RB] terms : [NNS] extend : [VBP] nature : [NNN] he/she : [VBP] mature : [NN] he/she : [VBP] wk : [NN] he/she : [VBP] diapers : [NN] however : [VB] diapers : [NN] he/vard : [VNP] windows : [NNS] extent : [VNP] windows : [NN] he/vard : [VNP] xindows : [NN] he/vard : [VNP] xindows : [NN] he/vard : [VNP] xindows : [NN] inverse : [VNP] xindows	art	tificial :	['JJ', 'N	IN']	continually	:	['RB']	
conception	syr	mmetric :	['JJ']		taxonomies	:	['NNS']	
conceptual : ['UJ'] drawn : ['VBN'] approach : ['VB'] oomd : ['NB'] preserve : ['WB'] oomd : ['NNF'] we : ['PRF'] never : ['RB'] terms : ['NNS'] extend : ['VB', 'VBF'] terms : ['NNS'] extend : ['VB', 'VBF'] anature : ['NN, 'NNF'] he/she : ['VBF', 'NN'] smelled : ['VBF'] restricting : ['VBF'] wk : ['NN] however : ['RB'] dispers : ['NNS'] mcafee : ['VBF'] windows : ['NNS'] mcafee : ['VBF'] windows : ['NNS'] never : ['NNF'] windows : ['NNS'] never : ['NNF'] windows : ['NNS'] never : ['VBF', 'NNF'] linkage : ['NN] holds : ['VBF', 'NNF'] dapting : ['VBF', 'NNF'] received : ['VBF', 'NNF'] sdapting : ['VBF', 'NNF'] received : ['VBR'] climate : ['NNS'] scuipture : ['NNS'] psychologists : ['NNS'] clancey : ['NNF'] psychologist : ['NNS'] scuipture : ['NNS'] biologically : ['NB] readers : ['NNS'] facet : ['VBF', 'NNF'] received : ['VBF', 'NNF'] biologically : ['NB] readers : ['NNS'] facet : ['VBF', 'NNF'] received : ['VBF', 'NNF'] biologically : ['NB'] scuipture : ['NNS'] facet : ['VBF', 'NNF'] scuipture : ['NNS'] facet : ['VBF', 'NNF'] received : ['VBF', 'NNF'] psychologist : ['NNS', 'NNF'] received : ['NNS', 'VBF'] solution : ['NNF', 'NNF'] separate : ['NNS', 'VBF'] facet : ['VBF', 'NNF'] scuipture : ['NNS', 'VBF'] facet : ['VBF', 'NNF'] scuipture : ['NNS', 'VBF'] solution : ['NNF', 'NNF'] received : ['VBF', 'NNS', 'VBF'] hold : ['VBF', 'NNF'] scuipture : ['NNS', 'VBF'] hold : ['NNF'] scuipture : ['NNS', 'VBF'] hold : ['NNS', 'NNF'] scuipture : ['NNS', 'VBF'] hold : ['NNS', 'NNF'] scuipture : ['NN	una	able :	['JJ']		discovers	:	['VBZ']	
conceptual : ['UJ'] drawn : ['VBN'] approach : ['VB'] oomd : ['NB'] preserve : ['WB'] oomd : ['NNF'] we : ['PRF'] never : ['RB'] terms : ['NNS'] extend : ['VB', 'VBF'] terms : ['NNS'] extend : ['VB', 'VBF'] anature : ['NN, 'NNF'] he/she : ['VBF', 'NN'] smelled : ['VBF'] restricting : ['VBF'] wk : ['NN] however : ['RB'] dispers : ['NNS'] mcafee : ['VBF'] windows : ['NNS'] mcafee : ['VBF'] windows : ['NNS'] never : ['NNF'] windows : ['NNS'] never : ['NNF'] windows : ['NNS'] never : ['VBF', 'NNF'] linkage : ['NN] holds : ['VBF', 'NNF'] dapting : ['VBF', 'NNF'] received : ['VBF', 'NNF'] sdapting : ['VBF', 'NNF'] received : ['VBR'] climate : ['NNS'] scuipture : ['NNS'] psychologists : ['NNS'] clancey : ['NNF'] psychologist : ['NNS'] scuipture : ['NNS'] biologically : ['NB] readers : ['NNS'] facet : ['VBF', 'NNF'] received : ['VBF', 'NNF'] biologically : ['NB] readers : ['NNS'] facet : ['VBF', 'NNF'] received : ['VBF', 'NNF'] biologically : ['NB'] scuipture : ['NNS'] facet : ['VBF', 'NNF'] scuipture : ['NNS'] facet : ['VBF', 'NNF'] received : ['VBF', 'NNF'] psychologist : ['NNS', 'NNF'] received : ['NNS', 'VBF'] solution : ['NNF', 'NNF'] separate : ['NNS', 'VBF'] facet : ['VBF', 'NNF'] scuipture : ['NNS', 'VBF'] facet : ['VBF', 'NNF'] scuipture : ['NNS', 'VBF'] solution : ['NNF', 'NNF'] received : ['VBF', 'NNS', 'VBF'] hold : ['VBF', 'NNF'] scuipture : ['NNS', 'VBF'] hold : ['NNF'] scuipture : ['NNS', 'VBF'] hold : ['NNS', 'NNF'] scuipture : ['NNS', 'VBF'] hold : ['NNS', 'NNF'] scuipture : ['NN	CO	operation :	['NN', 'N	INP']	simplest	:	['JJS'	, 'NN', 'JJ']
preserve : ['YB']	COI				drawn	:	['VBN'	
vers	apı	proach :	['VB', 'N	IN']	discovery	:	['VBZ'	, 'NN']
Lerms	pre	eserve :	['VB']		oomd	:	['NNP']	
nature : ['NN', 'NNP'] he/she : ['VEP', 'NN'] smelled : ['VBP'] restricting : ['VBP'] wk : ['NN'] however : ['RP'] diapers : ['NNS'] mcafee : ['VB'] effect-aware : ['NNS'] extent : ['VB', 'NN'] windows : ['NNS'] extent : ['VB', 'NN'] clues : ['NNS'] extent : ['VB', 'NN'] linkage : ['NN] improve : ['VB', 'NNP'] sdapting : ['VBC', 'NNP'] received : ['VBN'] adapting : ['VBC', 'NNP'] received : ['VBN'] climate : ['NNS'] clancey : ['NNP'] psychologists : ['NNS'] clancey : ['NNP'] psychologists : ['NNS'] clancey : ['NNN'] biologically : ['RB'] sculpture : ['NNS'] deletions : ['NNS'] tracks : ['NNS'] facet : ['VBC', 'NN'] german : ['NNS']	we	:	['PRP']		never	:	['RB']	
smelled ['VBD'] restricting : ['VBC'] wk : ['NN'] however : ['VB'] diapers : ['NNS'] mcafee : ['VNF'] effect-aware : ['UNS'] harvard : ['NNF'] windows : ['NNS'] extent : ['VF', 'NN'] clues : ['NNS'] news : ['NNF'] knowledge-processing: ['JJ'] holds : ['VBZ', 'NNF'] linkage : ['NN'] holds : ['VBZ', 'NNF'] linkage : ['NN'] received : ['VNN'] climate : ['NN'] accident : ['NNF'] linkage : ['NNS'] accident : ['NNF'] reported : ['NNS'] accident : ['NNF'] reported : ['NNS'] sculpture : ['NNF'] deletions : ['NNS'] tracks : ['NNS'] deletions : ['NNF'] incores : ['NNS'] originaladdlink : ['NNF'] incores : ['NNS'] origi	te	rms :	['NNS']		extend	:	['VB',	'VBP']
wk : ['NNS'] however : ['RE'] diapers : ['NNS'] mcafee : ['VI'] effect-aware : ['JJ'] harvard : ['NNP'] windows : ['NNS'] extent : ['NF'] knowledge-processing: : ['JJ'] holds : ['VEZ', 'NNP'] linkage : ['NN'] improve : ['VEN'] adapting : ['VBG', 'NNP'] received : ['VBN'] adapting : ['NNS'] accident : ['NNN'] psychologists : ['NNS'] clancey : ['NNP'] reported : ['NNS'] clancey : ['NNP'] biologically : ['RB'] readers : ['NNS'] deletions : ['NNS'] tracks : ['NNS'] deletions : ['NNS'] readers : ['NNS'] facet : ['NNS'] readers : ['NNS'] deletions : ['NNS'] receives : ['NS'] originaladdlink : ['NNP'] gemes : ['NS'] originaladdlin	nat	ture :	['NN', 'N	INP']	he/she	:	['VBP'	, 'NN']
diapers : ['NNS']	sme	elled :	['VBD']		restricting	:	['VBG']	
### ### ##############################	wk	:	['NN']		however	:	['RB']	
### ### ##############################	dia	apers :	['NNS']		mcafee	:	['VB']	
Clues [NNS]	ef:	fect-aware :	['JJ']		harvard	:	['NNP']	
Clues	wi	ndows :	['NNS']		extent	:	['VB',	'NN']
Inkage	cli	ues :	['NNS']		news			
adapting climate cli	kno	owledge-processing:	['JJ']		holds	:	['VBZ'	, 'NNP']
Climate Clim	liı	nkage :	['NN']		improve	:	['VB']	
psychologists : ['NNS'] clancey : ['NNP'] reported : ['VBD'] sculpture : ['NNS'] biologically : ['RB'] readers : ['NNS'] deletions : ['NNS'] tracks : ['NNS'] facet : ['VBP', 'NN', 'JJ'] merging : ['VBZ', 'VBG'] originaladdlink : ['NNY'] games : ['NNS'] cyber-infrastructure: ['JJ', 'NNP'] receives : ['VBZ'] logic : ['NN, 'NNP'] receives : ['VBZ'] operating : ['VBG', 'NN'] requests : ['VBZ', 'NNS', 'VBD'] argue : ['VBP'] adapted : ['VBN'] ease : ['NN'] bachman : ['NNP'] negotiation : ['NN'] appeared : ['NNP'] tradoff : ['NN'] appeared : ['NN'] lad : ['VBD'] conaviation : ['NN'] leight : ['NN'] epidemic : ['NN'] height : ['NN'] polynomial : ['JJ', 'NN']	ada	apting :	['VBG', '	NNP']	received	:	['VBN'	
reported : ['VBD'] sculpture : ['NN'] biologically : ['RB'] readers : ['NNS'] deletions : ['NNS'] tracks : ['NNS'] facet : ['VBP', 'NN', 'JJ'] merging : ['VBE', 'VBG'] originaladdlink : ['NNP'] games : ['NNS'] cyber-infrastructure: ['JJ', 'NN', 'NNP'] receives : ['VBZ'] logic : ['NN', 'NNP'] exceeds : ['VBZ'] operating : ['VBG', 'NN'] requests : ['VBZ'] operating : ['VBG', 'NN'] t2	cl	imate :	['NN']		accident	:	['NN']	
biologically [[RB] readers : [[NNS] racks : [[[NNS] racks : [[NN] racks : [[[NN] racks : [[[[[[[[[[[[[[[[[[[ps	ychologists :	['NNS']		clancey	:	['NNP']	
deletions : ['NNS'] tracks : ['NNS'] facet : ['VBP', 'NN', 'JJ'] merging : ['VBZ', 'VBG'] originaladdlink : ['NNP'] games : ['NNS'] cyber-infrastructure: ['JJ', 'NN', 'NNP'] receives : ['VBZ'] logic : ['NNP'] exceeds : ['VBZ'] operating : ['VBG', 'NN'] exceeds : ['VBZ'] argue : ['VBP'] adapted : ['VBN'] ease : ['NN'] t2 : ['NNP'] negotiation : ['NN'] bachman : ['NNP'] tradoff : ['NN'] appeared : ['VBN', 'VBD'] had : ['VBD'] co-naviation : ['NN'] height : ['NN'] epidemic : ['NN'] webmining : ['NN'] epidemic : ['NN'] trust : ['NN'] power-law : ['JJ', 'NNP'] speak : ['NN'] conference : ['NN', 'NNP'] surrogate : ['NN'] engthes : ['NN']	rep	ported :	['VBD']		sculpture	:	['NN']	
facet : ['VBP', 'NN', 'JJ'] merging : ['VBZ', 'VBG'] originaladdlink : ['NNP'] games : ['NNS'] cyber-infrastructure: ['JJ', 'NNN', 'NNP'] receives : ['VBZ'] logic : ['NN', 'NNP'] exceeds : ['VBZ'] operating : ['VBG', 'NN'] requests : ['VBZ'] argue : ['VBP'] adapted : ['VBN'] ease : ['NN'] t2 : ['NNP'] negotiation : ['NN'] bachman : ['NNP'] tradoff : ['NN'] appeared : ['VBN'] had : ['VBD'] co-naviation : ['NN'] 2nf : ['CD'] epidemic : ['NN'] height : ['NN'] active : ['JJ', 'NNP'] webmining : ['NNP'] initiative : ['NN'] comprehension : ['NN'] power-law : ['JJ', 'NNP'] trust : ['NN'] power-law : ['JJ', 'NNP'] surrogate : ['NN'] positively : ['RB'] flexibly : ['RB'] engines : ['NNS'] basis : ['NN'] union : ['NNN'] simplification : ['NN'] patch : ['NN'] simplification : ['NN'] patch : ['NN']	bio	ologically :	['RB']		readers	:	['NNS']	
originaladdlink : ['NNP']	de.	letions :	['NNS']		tracks	:	['NNS']	
cyber-infrastructure: ['JJ', 'NN', 'NNP'] receives : ['VBZ'] logic : ['NN', 'NNP'] exceeds : ['VBZ', 'NNS', 'VBD'] operating : ['VBG', 'NN'] requests : ['VBZ', 'NNS', 'VBD'] argue : ['VBP'] adapted : ['VBN'] ease : ['NN'] t2 : ['NNP'] negotiation : ['NN'] bachman : ['NNP'] tradoff : ['NN'] appeared : ['NN'] had : ['VBD'] co-naviation : ['NN'] 2nf : ['CD'] epidemic : ['NN'] height : ['NN'] active : ['JJ', 'NNP'] webmining : ['NN'] initiative : ['NN'] comprehension : ['NN'] polynomial : ['JJ', 'NN'] speak : ['NN'] power-law : ['JJ'] surrogate : ['NN'] positively : ['RB'] flexibly : ['RB'] engines : ['NNS'] basis : ['NN'] union : ['NN'] simplification : ['NN'] patch : ['NN']	fac	cet :	['VBP', '	'NN', 'JJ']	merging	:	['VBZ'	, 'VBG']
logic ['NN', 'NNP']	or	iginaladdlink :	['NNP']		games	:	['NNS']	
operating : ['VBG', 'NN']	су	per-infrastructure:	['JJ', 'N	IN', 'NNP']	receives	:	['VBZ']	
operating : ['VBG', 'NN']	100	gic :	['NN', 'N	INP']	exceeds	:	['VBZ']	
ease : ['NN'] t2 : ['NNP'] negotiation : ['NN'] bachman : ['NNP'] tradoff : ['NN'] appeared : ['VBN', 'VBD'] had : ['VBD'] co-naviation : ['NN'] 2nf : ['CD'] epidemic : ['NN'] height : ['NN'] active : ['JJ', 'NNP'] webmining : ['NNP'] initiative : ['NN'] comprehension : ['NN'] polynomial : ['JJ', 'NN'] trust : ['NN'] power-law : ['JJ'] speak : ['VB'] conference : ['NN', 'NNP'] surrogate : ['NN'] positively : ['RB'] flexibly : ['RB'] engines : ['NNS'] basis : ['NN'] union : ['NN', 'NNP'] simplification : ['NN'] patch : ['NN'] three : ['CD'] been : ['VBN']	ope	erating :	['VBG', '	NN ']	requests	:		
negotiation : ['NN'] bachman : ['NNP'] tradoff : ['NN'] appeared : ['VBN', 'VBD'] had : ['VBD'] co-naviation : ['NN'] 2nf : ['CD'] epidemic : ['NN'] height : ['NN'] active : ['JJ', 'NNP'] webmining : ['NNP'] initiative : ['NN'] comprehension : ['NN'] polynomial : ['JJ', 'NN'] trust : ['NN'] power-law : ['JJ'] speak : ['VB'] conference : ['NN', 'NNP'] surrogate : ['NN'] positively : ['RB'] flexibly : ['RB'] engines : ['NNS'] basis : ['NN'] union : ['NN', 'NNP'] simplification : ['NN'] patch : ['NN'] three : ['CD'] been : ['VBN']	ar	gue :	['VBP']		adapted	:	['VBN']	
tradoff : ['NN'] appeared : ['VBD'] had : ['VBD'] co-naviation : ['NN'] 2nf : ['CD'] epidemic : ['NN'] height : ['NN'] active : ['JJ', 'NNP'] webmining : ['NNP'] initiative : ['NN'] comprehension : ['NN'] polynomial : ['JJ', 'NN'] trust : ['NN'] power-law : ['JJ'] speak : ['VB'] conference : ['NN', 'NNP'] surrogate : ['NN'] positively : ['RB'] flexibly : ['RB'] engines : ['NNS'] basis : ['NN'] union : ['NN', 'NNP'] simplification : ['NN'] patch : ['NN'] three : ['CD']	eas	se :	['NN']		t2	:	['NNP']	
had : ['VBD'] co-naviation : ['NN'] 2nf : ['CD'] epidemic : ['NN'] height : ['NN'] active : ['JJ', 'NNP'] webmining : ['NNP'] initiative : ['NN'] comprehension : ['NN'] polynomial : ['JJ', 'NN'] trust : ['NN'] power-law : ['JJ'] speak : ['VB'] conference : ['NN', 'NNP'] surrogate : ['NN'] positively : ['RB'] basis : ['NN'] engines : ['NN'] basis : ['NN'] union : ['NN', 'NNP'] simplification : ['NN'] patch : ['NN'] three : ['CD'] been : ['VBN']	neg	gotiation :	['NN']		bachman	:	['NNP']	
2nf : ['CD'] epidemic : ['NN'] height : ['NN'] active : ['JJ', 'NNP'] webmining : ['NNP'] initiative : ['NN'] comprehension : ['NN'] polynomial : ['JJ', 'NN'] trust : ['NN'] power-law : ['JJ'] speak : ['VB'] conference : ['NN', 'NNP'] surrogate : ['NN'] positively : ['RB'] flexibly : ['RB'] engines : ['NNS'] basis : ['NN'] union : ['NN', 'NNP'] simplification : ['NN'] patch : ['NN'] three : ['CD'] been : ['VBN']	tra	adoff :	['NN']		appeared	:	['VBN'	, 'VBD']
height : ['NN'] active : ['JJ', 'NNP'] webmining : ['NNP'] initiative : ['NN'] comprehension : ['NN'] polynomial : ['JJ', 'NN'] trust : ['NN'] power-law : ['JJ'] speak : ['VB'] conference : ['NN', 'NNP'] surrogate : ['NN'] positively : ['RB'] flexibly : ['RB'] engines : ['NNS'] basis : ['NN'] union : ['NN', 'NNP'] simplification : ['NN'] patch : ['NN'] three : ['CD'] been : ['VBN']	had	d :	['VBD']		co-naviation	:	['NN']	
webmining: ['NNP']initiative: ['NN']comprehension: ['NN']polynomial: ['JJ', 'NN']trust: ['NN']power-law: ['JJ']speak: ['VB']conference: ['NN', 'NNP']surrogate: ['NN']positively: ['RB']flexibly: ['RB']engines: ['NNS']basis: ['NN']union: ['NN', 'NNP']simplification: ['NN']patch: ['NN']three: ['CD']been: ['VBN']	2n:	f :	['CD']		epidemic	:	['NN']	
comprehension : ['NN'] polynomial : ['JJ', 'NN'] trust : ['NN'] power-law : ['JJ'] speak : ['VB'] conference : ['NN', 'NNP'] surrogate : ['NN'] positively : ['RB'] flexibly : ['RB'] engines : ['NNS'] basis : ['NN'] union : ['NN', 'NNP'] simplification : ['NN'] patch : ['NN'] three : ['CD'] been : ['VBN']	he	ight :	['NN']		active	:	['JJ',	'NNP']
trust : ['NN'] power-law : ['JJ'] speak : ['VB'] conference : ['NN', 'NNP'] surrogate : ['NN'] positively : ['RB'] flexibly : ['RB'] engines : ['NNS'] basis : ['NN'] union : ['NN', 'NNP'] simplification : ['NN'] patch : ['NN'] three : ['CD'] been : ['VBN']	wel	omining :	['NNP']		initiative			
speak : ['VB'] conference : ['NN', 'NNP'] surrogate : ['NN'] positively : ['RB'] flexibly : ['RB'] engines : ['NNS'] basis : ['NN'] union : ['NN', 'NNP'] simplification : ['NN'] patch : ['NN'] three : ['CD'] been : ['VBN']	COI	mprehension :	['NN']		polynomial	:	['JJ',	'NN']
surrogate : ['NN'] positively : ['RB'] flexibly : ['RB'] engines : ['NNS'] basis : ['NN'] union : ['NN', 'NNP'] simplification : ['NN'] patch : ['NN'] three : ['CD'] been : ['VBN']	trı	ust :	['NN']		power-law	:	['JJ']	
flexibly : ['RB'] engines : ['NNS'] basis : ['NN'] union : ['NN', 'NNP'] simplification : ['NN'] patch : ['NN'] three : ['CD'] been : ['VBN']	spe	eak :	['VB']		conference	:	['NN',	'NNP']
basis : ['NN'] union : ['NN', 'NNP'] simplification : ['NN'] patch : ['NN'] three : ['CD'] been : ['VBN']			['NN']		positively	:	['RB']	
simplification : ['NN'] patch : ['NN'] three : ['CD'] been : ['VBN']	fle	exibly :	['RB']		engines	:	['NNS']	
three : ['CD'] been : ['VBN']	bas	sis :	['NN']		union	:	['NN',	'NNP']
	sir	mplification :	['NN']		patch	:	['NN']	
quickly : ['RB'] extraction : ['NN', 'NNP']			['CD']					
	qu	ickly :	['RB']		extraction	:	['NN',	'NNP']

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beer	: ['NN']	spread	: ['NN']	
leaderof	: ['NN']	mccallum	: ['NNP']	
interest	: ['VB', 'NN']	basic	: ['JJ', 'NNP']	
expected	: ['VBN']	collections	: ['NNS']	
algebras	: ['NNS']	topics	: ['NNS', 'NNP']	
duties	: ['NNS']	questioned	: ['VBN']	
website	: ['NN']	uni?ed	: ['VBN']	
life	: ['NN', 'NNP']	ebdata	: ['NNP']	
sjp	: ['NNP']	delnode	: ['NNS', 'NNP']	
39	: ['CD']	government	: ['NN']	
coincides	: ['VBZ']	foucault	: ['NNP']	
light-weight	: ['JJ']	coherent	: ['JJ']	
nature-inspired	: ['JJ']	solves	: ['VBZ']	
child	: ['NN']	deepen	: ['VB']	
mcs	: ['NNP']	productof	: ['NN']	
mcp	: ['NNS']	applied	: ['VBN']	
save	: ['VB', 'JJ']	forum	: ['NN']	
reciprocal	: ['JJ']	www.wikipedia.org	: ['JJ']	
combing	: ['VBG']	halevy	: ['NNP']	
www.w3.org/rdf/	: ['NNP']	aim	: ['VBP', 'NN']	
cites/links	: ['NNS']	near	: ['JJ', 'IN']	
suppose	: ['VB']	teachers	: ['NNPS']	
leaves	: ['VBZ']	applies	: ['VBZ']	
voice	: ['NN']	davenport	: ['NNP']	
procedure	: ['NN']	facility.room	: ['NNP']	
remembering	: ['VBG']	economics	: ['NNS']	
encyclopedias	: ['NNS']	reinventions	: ['NNS']	
ip	: ['NNP']	is	: ['VBZ']	
t1	: ['NNS', 'NN', 'NNP']	machine-enabled	: ['JJ']	
it	: ['PRP', 'JJ', 'NNP']	ii	: ['NNP']	
grammars	: ['NNS']	experts	: ['NNS']	
linkedin	: ['NNP']	in	: ['RP', 'RB', 'IN']	
actuates	: ['VBZ']	interacts	: ['VBZ']	
id	: ['NNP']	trusted	: ['JJ', 'VBN']	
<mark>if</mark>	: ['IN']	agarwal	: ['NNP']	
containing	: ['VBG']	specialization	: ['NN', 'NNP']	
drawers	: ['NNS']	perform	: ['VB', 'VBP']	
things	: ['NNS']	make	: ['VB', 'VBP']	
segment	: ['NN']	linked	: ['VBN']	
beside	: ['IN']	complex	: ['VBZ', 'VB', 'NNS', 'JJ', 'NN']	
roland	: ['NNP']	harmony	: ['VBZ', 'NN']	
evaluate	: ['VB']	ispartof	: ['NN']	
www2005	: ['NNP']	hierarchies	: ['NNS']	
several	: ['JJ']	infeasible	: ['JJ']	
grows	: ['VBZ']	www2002	: ['NNP']	
inventors	: ['NNS']	comparies	: ['VBZ']	
evolve	: ['VBZ', 'VB', 'NNS', 'VBN']	commonsense	: ['JJ', 'VB', 'VBN', 'NN', 'NNP']	
cp-society	: ['NNP', 'NN']	?exible	: ['JJ']	
published	: ['JJ', 'VBN', 'NN', 'VBD']	hand	: ['NN']	

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documents	: ['NNS', 'NNP']	characters : ['NNS']
military	: ['NN']	<pre>http://www.w3.org/tr/rdf-mt/: ['JJ']</pre>
ideally	: ['RB']	opportunity : ['NN', 'NNP']
adopting	: ['VBG']	thoughts : ['NNS']
cycle	: ['NN']	simulates : ['VBZ']
13-16	: ['CD']	specialize : ['VB']
maximizing	: ['VBG']	scenario : ['NN']
1978	: ['JJ', 'CD']	1977 : ['CD']
dementhon	: ['NNP']	1975 : ['CD']
1974	: ['CD']	uploading : ['VBG', 'JJ']
cultural	: ['JJ', 'NNP']	<pre>inherit : ['VB']</pre>
ocean	: ['NN']	unsuitable : ['VB']
contact	: ['NN']	greatest : ['JJS']
incapable	: ['JJ']	simulated : ['VBN', 'JJ']
descending	: ['VBG']	the : ['DT', 'NNP']
paradigm	: ['NN', 'NNP']	investments : ['NNS']
non-trivial	: ['JJ']	left : ['JJ']
unified	: ['VBN', 'JJ', 'NNP']	cts : ['NN']
op1	: ['NNP', 'NNS']	just : ['RB']
sentence	: ['NN']	photo : ['NN']
newton	: ['NNP']	32,33 : ['NNP']
assigned	: ['VBN']	proposes : ['VBZ']
tremendous	: ['JJ']	<pre>identify : ['VB']</pre>
transforms	: ['VBZ']	human : ['NN', 'VBN', 'JJ', 'NNP']
ecosystems	: ['NNS']	facts : ['NNS']
yes	: ['RB', 'UH']	yet : ['CC', 'RB']
scalability	: ['NNP']	previous : ['JJ']
adding	: ['VBZ', 'VB', 'VBG']	unique : ['JJ']
monitored	: ['VBN']	catalytic : ['JJ']
candidate	: ['NN']	sciences : ['NNPS', 'NNS']
similarities	: ['NNS']	regarded : ['VBN', 'VBD']
gn	: ['PRP']	character : ['NN']
emphasis	: ['NN']	evidences : ['NNS']
passive	: ['JJ']	utilization : ['NN']
tuples	: ['NNS']	transformed : ['VBN', 'VBD']
massively	: ['RB', 'CD']	easy : ['VB', 'JJ', 'NNP']
technological	: ['JJ']	makers : ['NNS']
picture-based	: ['JJ']	has : ['VBZ']
cross-area	: ['JJ']	humanity : ['NN']
gave	: ['VBD']	sql-like : ['JJ']
desire	: ['NN']	reuse : ['VBP', 'NN']
paradigms	: ['NNS']	z1 : ['NNP', 'NNS', 'VBN']
else	: ['RB']	multi-dimensions : ['NNS']
measurement	: ['NN']	possible : ['JJ']
possibly	: ['RB']	fusion : ['NN']
19,20,25	: ['CD']	unification : ['NN']
background	: ['NN']	clustered : ['VBN']
s1.b	: ['NNS']	shadow : ['NN']
depicts	: ['VBZ']	yager : ['NNP']

1 .\FII.D_I\program\cupse\cc_re		2010417,20	/ <u>д .о</u>
advanced	: ['VBN', 'JJ']	cognitive : ['VB', 'VBP', 'JJ', 'NN', 'NNP']	
harmoniously	: ['RB', 'NN']	brought : ['VBD']	
s1.d	: ['NNS']	59 : ['CD']	
58	: ['CD']	s1.a : ['NNS']	
55	: ['CD']	54 : ['CD']	
57	: ['CD']	56 : ['CD']	
51	: ['CD']	unnecessary : ['JJ']	
53	: ['CD']	52 : ['CD']	
specific	: ['JJ']	<pre>informative : ['JJ']</pre>	
misled	: ['VBN']	belongto : ['NN']	
steps	: ['VBZ', 'NNS']	sparse : ['JJ']	
arbitrary	: ['JJ']	common-purpose : ['JJ']	
security	: ['NN']	human-to-machine : ['NN']	
signal	: ['NN']	towards : ['IN']	
guests	: ['NNS']	calculus : ['NNS']	
right	: ['JJ']	old : ['JJ']	
aptitude	: ['JJ']	shuttles : ['NNS']	
people	: ['VB', 'NNS']	simplicity : ['NN']	
successfully	: ['NNP']	nor : ['CC', 'NNP']	
zoom	: ['VB']	born : ['VBN']	
offer	: ['VBP']	sure : ['JJ']	
meters	: ['NNS']	paragraphs : ['NNS']	
pain	: ['VBG']	<pre>indirect : ['JJ', 'RB']</pre>	
.3	: ['CD']	<pre>intellect : ['NN']</pre>	
library	: ['NN']	short-term : ['VB', 'JJ']	
socio-technical	: ['JJ']	sociology : ['NN']	
dense	: ['JJ']	for : ['IN']	
rdfs	: ['NNP', 'NNS']	electromagnetic : ['JJ']	
boyle	: ['NNP']	comments : ['NNS']	
n3	: ['NNP']	everything : ['NN']	
asking	: ['VBG']	enterprises : ['NNS']	
shakespeare	: ['NNP']	dynamicity : ['VB', 'NN', 'RB', 'NNP']	
going	: ['VBG']	uml : ['NNP']	
price	: ['NN', 'NNP']	participation : ['NN']	
core	: ['VB', 'JJ', 'NN', 'NNP']	meanings : ['NNS']	
repository	: ['NN']	rep : ['NNP', 'VBN']	
discord	: ['NN']	mechanizes : ['VBZ']	
statistician	: ['NNP']	<pre>predicting : ['VBG']</pre>	
conformation	: ['NNP', 'NN']	tewfik : ['NNP']	
toccurs	: ['VBZ']	engagein : ['NN']	
peer	: ['NN']	webengineering : ['NNP']	
manufacturing	: ['VBG', 'NN', 'NNP']	super : ['JJ']	
properties	: ['NNS']	mihalcea : ['NNP']	
deletes	: ['VBZ']	chapter : ['NN']	
limitation	: ['NN']	augmented : ['VBN']	
rule-on-attribute	: ['NNP']	accepts : ['VBZ']	
intercultural	: ['VBZ', 'JJ']	deduced : ['VBN']	
costs	: ['VBZ', 'NNS']	cyber-physical-social: ['JJ']	
probabilities	: ['NNS']	cross-space : ['VB', 'JJ']	

1.1FII.D_NprogramMcciipselCL_re	iationii	WI I GIC.LAL			2010年7月20日 15.12
misleading	:	['JJ']		ensure	: ['VB']
unformulated	:	['JJ']		constructivism	: ['NNP']
efforts	:	['NNS']	automatically	: ['VB', 'RB', 'NNP']
soa	:	['NNP']	nerve	: ['NN']
v.qazvinian	:	['NNP']	motivate	: ['VBP']
statements	:	['NNS']	publishing	: ['NN']
e-business	:	['NNS']	presence	: ['VB', 'NN']
maxwell	:	['NNP']	preliminary	: ['JJ']
obtaining	:	['VBG'	, 'JJ']	refines	: ['VBZ']
balances	:	['VBZ']	down	: ['RP', 'RB']
rendering	:	['VBG'	, 'NN']	beings	: ['NNS']
google	:	['VBG'	, 'NNP']	dreyfus	: ['NNP']
dean	:	['NNP']	refined	: ['VBN']
reducing	:	['VBG'	, 'NN']	takepartin	: ['NN']
mass	:	['NN',	'JJ']	?nd	: ['VB', 'VBP', 'NN']
often	:	['RB']		4-star	: ['JJ', 'NNP']
rely	:	['VB',	'VBP']	categorization	: ['NN']
compression	:	['NN',	'NNP']	rs0	: ['CD']
abstractions	:	['NNS'	, 'JJ']	confidence	: ['NN']
topologies	:	['NNS']	support	: ['VB', 'VBP', 'NN']
flying	:	['VBG']	transform	: ['VB', 'NNP']
class	:	['VB',	'NNPS', 'NN', 'NNP']	anderson	: ['NNP']
conservation	:	['NN']		editor	: ['NN']
way	:	['NN']		1970	: ['CD']
www.knowledgegrid.r	net/	~h.zhu	ge/sln.htm: ['NN']		call : ['VB']
armbrust	:	['NNP']	was	: ['VBD']
on-line	:	['JJ']		happy	: ['VBG']
questionable		['JJ']		medium	: ['NN']
rs1	:	['VB',	'NN', 'VBN', 'CD', 'JJ',	'NNS', 'NNP']form	: ['VB', 'VBP', 'NN', 'RB', 'NNP']
manufacturers	:	['NNS']	capacities	: ['NNS']
forming		['VBG'		becoming	: ['VBG']
differences	:	['VB',	'NNS', 'NNP']	denoting	: ['NN']
friederici	:	['NNP']	enabled	: ['VBN']
failure	:	['NN']		blood	: ['NN']
incorporation	:	['NN']		rule34	: ['NNS']
solar	:	['JJ']		neurons	: ['NNS']
removed	:	['VBN']	true	: ['JJ']
deepest	:	['JJS']	representational	: ['JJ']
builds	:	['VBZ']	friday	: ['NNP']
one-way	:	['VBG']	prevents	: ['VBZ']
model-driven	:	['JJ']		his/her	: ['NN']
attached		['JJ']		maximum	: ['JJ', 'NN']
devices	:	['NNS'	, 'JJ']	annotations	: ['NNS']
journal/conference	:	['NN']		simplifying	: ['VBG']
human-created	:	['JJ']		mtl	: ['NNP']
neighboring		['JJ']		precious	: ['JJ']
stages		['NNS']	delete	: ['VB', 'VBP', 'NN', 'NNP']
high-dimensional		['JJ']		adopt	: ['VB']
proved	:	['VBN'	, 'VBD']	-rrb-	: ['VBZ', 'NNP', 'NNS', 'RB', '-RRB-']

THE THE THE TOTAL COMPONIES.	Automoti i diotot		
request	: ['VBP', 'NN']	abstract : ['NNS', 'JJ', 'NN']	
b3	: ['NNP']	covers : ['NNS']	
evidence	: ['NN']	: ["''"]	
exist	: ['VB', 'VBP']	correlation : ['NN']	
internal	: ['JJ', 'NNP']	problem-oriented : ['JJ']	
physical	: ['NNP', 'VBG', 'NN', 'JJ', 'VBD']		
ni	: ['NN']	quage : ['NN']	
proaches	: ['NNS']	-lcb- : ['-LRB-', 'NNP']	
initiated	: ['VBN', 'VBD']	dotted : ['JJ']	
locality	: ['JJ', 'NN', 'RB']	authoritative : ['JJ']	
whereas	: ['IN']	when : ['WRB']	
nf	: ['NN', 'NNP']	reality : ['NN']	
actuators	: ['NNS']	interested : ['VBN', 'JJ']	
role	: ['NN']	keynotes : ['NNS']	
papers	: ['NNS']	test : ['VB', 'NN']	
nemes	: ['NNS']	developers : ['NNS']	
shrink	: ['VB']	cortex : ['NN']	
node	: ['VB', 'VBP', 'JJ', 'NN']	picture : ['VBZ', 'VBP', 'NN']	
's	: ['VBZ', 'POS']	inter-point : ['JJ']	
jaccard	: ['NN', 'NNP']	models : ['VBD', 'NNS', 'NNP']	
football	: ['NN']	uniformly : ['NNS', 'RB', 'NNP']	
	: ['VBZ', 'VB', 'NN']		
update			
professional	: ['JJ']		
neuroscience	: ['NN']	scopes : ['NNS']	
dispersed	: ['JJ']	billion : ['CD']	
lm	: ['NNP', 'NN']	progresses : ['VBZ']	
reorganization	: ['NNP']	longer : ['RBR', 'RB']	
fattah	: ['NNP']	equipments : ['NNS']	
assume	: ['VB', 'VBP']	moved : ['VBN']	
interval	: ['VBZ', 'VBP', 'JJ', 'NN']		
work?ows	: ['NNS']	time : ['VBZ', 'VB', 'NN', 'NNP']	
n1	: ['NNS', 'JJ', 'NNP']	n2 : ['NNS', 'JJ', 'NNP']	
quantity	: ['NN']	krakauer : ['NNP']	
co-occurrences	: ['JJ']	hope : ['VBP']	
neighbors	: ['NNS', 'NNP']	irrigation : ['NN']	
concept	: ['VBG', 'NN']	managed : ['VBN']	
chain	: ['NN']	2dk : ['NNS']	
cause-	: ['JJ']	reviewers : ['NNS']	
occurrence	: ['VBZ', 'NN', 'NNP']	global : ['JJ']	
triangle-based	: ['JJ']	focus : ['VB', 'VBP', 'NN']	
initiates	: ['VBZ']	themes : ['NNS']	
91	: ['CD']	<pre>individual/object/relation: ['NN']</pre>	
manages	: ['VBZ']	computation : ['NNS', 'NN']	
covered	: ['VBN']	creative : ['JJ']	
displaying	: ['VBG']	e9 : ['NNP', 'NNS', 'JJ']	
layers	: ['NNS', 'JJ']	21st : ['JJ']	
92	: ['CD']	depend : ['VB', 'VBP']	
condition-action	: ['JJ']	dominated : ['VBN']	
graph	: ['JJ', 'NN']	technique : ['NN']	

1./FII.D_T/program/Lcnpse/CL_re	SIGNOTIVE TO CLAR	2010-	开7万20日 13.12
father	: ['NN']	1947 : ['CD']	
1944	: ['CD']	1945 : ['CD']	
environment	: ['NN', 'NNP']	answered : ['VBN']	
earthquake	: ['NN']	<pre>prolonging : ['VBG']</pre>	
multi-facet	: ['JJ']	marks : ['NNS']	
discovering	: ['VBG']	analogous : ['JJ']	
must	: ['MD']	1991 : ['CD']	
charles	: ['NNP']	telegraph : ['NN']	
advantage	: ['NN']	zhang : ['NNP']	
1'	: ['NNP']	two-way : ['JJ']	
www.w3.org/xml/sche	ema: ['NNP']	emphasizes : ['VBZ']	
unfamiliar	: ['JJ']	meta-models : ['NNS']	
cyberphysical	: ['JJ']	rationality : ['NN']	
authorof	: ['NN']	artwork : ['NN']	
cook	: ['NNP']	1995 : ['CD']	
emphasized	: ['VBN', 'VBD']	exact : ['JJ']	
nomes	: ['NNS']	perceived : ['VBD']	
1704	: ['CD']	co-experience : ['VB', 'VBP', 'JJ', 'NN']	
level	: ['NN']	cosine : ['NN', 'JJ']	
isonomes	: ['NNS', 'JJ']	proposals : ['NNS']	
hawaii	: ['NNP']	venue : ['NN']	
standards	: ['NNS']	leave : ['VB', 'VBP', 'NN']	
h-lam/t	: ['NN']	long-time : ['JJ']	
mckeown	: ['NNP']	zoom-in-and-zoom-out: ['NN']	
perceptual	: ['NN']	non-1nf : ['JJ']	
community-infrastr		unaware : ['VBG', 'JJ']	
location-based	: ['JJ']	upper : ['RB', 'JJ']	
revolution	: ['NN']	says : ['VBZ']	
three-dimensional	: ['JJ']	insignificant : ['JJ']	
multi-agent	: ['JJ']	dealing : ['VBG']	
ls1	: ['NNP']	ef?ciently : ['RB']	
discover	: ['VB', 'VBP', 'NNP']	cyber : ['VBP', 'JJ', 'NN', 'NNP']	
affiliation	: ['NN']	slowed : ['VBN']	
cost	: ['NN']	multi-layer : ['NN', 'JJ']	
uk	: ['NNP']	unconnected : ['NN'] ashburner : ['NNP']	
initialized	: ['VBN']		
targets	: ['NNS']	synthesis : ['NN']	
appear	: ['VB', 'VBP']	satis?es : ['VBZ']	
axes	: ['JJ', 'NNS', 'VBZ', 'NN']	realizing : ['VB', 'VBG']	
shares	: ['VBZ']	uniform : ['JJ', 'NNP']	
current	: ['JJ']	deleted : ['VBN', 'JJ']	
sequential	: ['JJ', 'NN', 'NNP']	ancient : ['JJ']	
inter-community	: ['JJ']	goes : ['VBZ']	
<pre>marketing ['NNP']</pre>	: ['NN', 'VBG']	cyber-physical-physiological-psychological-sociomental:	
relational	: ['JJ', 'NN', 'NNP']	<pre>falling : ['VBG']</pre>	
rationalizes	: ['VBZ']	satisfy : ['VB']	
supporting	: ['VBG', 'JJ']	blueprint : ['NN']	
explosion	: ['NN']	<pre>improvable : ['JJ']</pre>	

```
heavily
                                                                                  : ['RB']
shuttle
                     : ['NN']
                                                            meta-cognitive
pairwise
                     : ['JJ']
                                                                                  : ['JJ']
decidability
                                                            phonological
                     : ['NN']
                                                                                  : ['NN']
understanding
                     : ['VBG', 'NN']
                                                            water
                                                                                  : ['NN']
magnetism
                     : ['NN']
                                                             separates
                                                                                  : ['VBZ']
                     : ['NNS']
                                                            address
                                                                                  : ['VB', 'NN']
groups
17,27
                     : ['CD']
                                                             along
                                                                                  : ['RP', 'IN']
phumans
                     : ['NNS']
                                                             teacher
                                                                                  : ['NN']
change
                     : ['VB', 'VBP', 'NN', 'NNP']
                                                            box
                                                                                  : ['NN', 'NNP']
ref
                     : ['NN']
                                                            http://www.w3.org/tr/html5/: ['NNP']
www.w3.org/tr/2004/rec-rdf-mt-20040210: ['JJ']
                                                                                re?ects
                                                                                                     : ['VBZ', 'NNS']
institute
                     : ['NNP']
                                                            shift.
                                                                                  : ['NN', 'VB']
studied
                     : ['VBN', 'VBD']
                                                             remove
                                                                                  : ['VB', 'NNP']
segmented
                                                             commonly
                     : ['VBN']
                                                                                  : ['RB']
globalization
                     : ['NN']
                                                                                  : ['VB']
                                                             aueue
spheres
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                                                                                  : ['NN']
                                                             s.t.
chemical
                     : ['NN', 'JJ']
                                                             .20
                                                                                  : ['CD', 'NNP']
usually
                     : ['RB']
                                                             resonance
                                                                                  : ['NN', 'NNP']
conveniently
                     : ['VB']
                                                             7,42
                                                                                  : ['CD']
studies
                     : ['VBZ', 'NNS']
                                                            windowing
                                                                                  : ['JJ']
picture-text
                                                            genuinely
                                                                                  : ['RB']
                     : ['JJ']
engineer
                     : ['NN']
                                                             emerge
                                                                                  : ['VB', 'VBP', 'CD']
tasks
                                                            useful
                     : ['NNS']
                                                                                  : ['JJ']
raise
                     : ['VB', 'VBP']
                                                             k.j.holvoak
                                                                                  : ['NNP']
ls
                     : ['NNP', 'NN']
                                                            logical
                                                                                  : ['JJ']
modifying
                     : ['VB', 'VBG']
                                                            losina
                                                                                  : ['VBG']
flexibility
                     : ['NN']
                                                            89
                                                                                  : ['CD']
logically
                     : ['RB']
                                                             reinvention
                                                                                  : ['NN']
operational
                     : ['JJ']
                                                            internet/web
                                                                                  : ['NNP']
market
                     : ['NN']
                                                            hotels
                                                                                  : ['NNS']
                                                            additive
reachability
                     : ['NN']
                                                                                  : ['NNP']
identifiable
                     : ['JJ']
                                                            working
                                                                                  : ['VBG']
                     : ['VB']
                                                            positive
                                                                                  : ['JJ']
prove
locate/reason/navigate: ['VB']
                                                              predictions
                                                                                    : ['NNS']
tightly
                     : ['JJ']
                                                                                  : ['IN']
scenarios
                     : ['NNS']
                                                            live
                                                                                  : ['VB', 'VBP', 'JJ']
bases
                     : ['NNS']
                                                                                  : ['NNP']
                                                            gartner
                                                                                  : ['VB']
criteria
                     : ['NNS', 'NNP']
                                                            encode
                                                             associated
scope
                     : ['NN']
                                                                                  : ['VBN']
approximate
                     : ['JJ']
                                                             selects
                                                                                  : ['VBZ']
arrest
                     : ['NN']
                                                            diagrams
                                                                                  : ['NNS']
                     : ['NNS']
                                                            high-speed
                                                                                  : ['JJ']
ports
introducing
                     : ['VBG']
                                                            sharing
                                                                                  : ['VBG', 'NN', 'NNP']
analogical
                     : ['JJ', 'NN']
                                                            1,2
                                                                                  : ['CD']
clicking
                     : ['VBG']
                                                            outputs
                                                                                  : ['VBZ', 'NNS', 'JJ']
equipped
                     : ['VBN']
                                                            bio-inspired
                                                                                  : ['JJ']
supervisorof
                     : ['NN']
                                                            visual
                                                                                  : ['JJ']
appendix
                     : ['NN']
                                                            rigid
                                                                                  : ['JJ']
qoo
                     : ['NNP']
                                                             cases
                                                                                  : ['NNS']
```

effort : ['NN,' 'NNF'] capturing : ['VBS', 'NNF'] lengths : ['NNS'] cyber-physical-socio-ecological: ['JJ'] lengths : ['NNF'] effciency : ['NN'] tea-cultural : ['NIP] car : ['NIN'] confucius : ['NNF', 'NNS'] constraint : ['NN', 'NNF'] flu : ['NNF', 'NN'] longitude : ['VBC', 'NN'] believes : ['VBZ', 'NNS'] reviews : ['VBC', 'NNS'] labeled : ['JJ'] harmonious : ['JJ'] renders : ['VBZ', 'NNS'] can : ['MN', 'NN', 'NN'] 9th : ['JJ'] can : ['MN', 'NN', 'NN'] semi-automatic : ['JJ'] cal : ['NN'] semi-automatic : ['JNS'] cad : ['NNF'] pottals : ['NNS'] money : ['NNF'] pottals : ['NNS'] money : ['NNF'] ever : ['NNF'] inperiod : ['NNF', 'NNF'] expanding : ['VBG', 'NN'] inperiod : ['NNF
Lengths [NNS
tea=cultural : ['JJ']
Julius C. NNP Car C. C. C. C. C. C. C. C
Confucius : ['NNP', 'NNS'] constraint : ['VB', 'NNN', 'NNP'] flu : ['NNP', 'NN'] longitude : ['VBC', 'NNS'] believes : ['VBZ'] reviews : ['VBZ', 'NNS'] labeled : ['JJ'] harmonious : ['JJ'] renders : ['WBZ'] can : ['WB', 'VB', 'JJ'] 9th : ['JJ'] following : ['WBG', 'JJ', 'NN'] semi-automatic : ['JJ'] cad : ['NNF'] semi-automatic : ['JJ'] cad : ['NNF'] petabytes : ['NNS'] nearest : ['JS'] portals : ['NNS'] nearest : ['JS'] portals : ['NNS'] nearest : ['NNF'] ever : ['RB'] figure : ['NNF'] expanding : ['VBG'] arise : ['VBF', 'VBF'] expanding : ['NNS'] arise : ['NBF', 'NNF'] entrants : ['NNS'] topic : ['NF', 'JJ', 'NNF'] expanding : ['VBF', 'VBD'] coincident : ['
Flu
believes : ['VBZ'] reviews : ['VBZ', 'NNS'] labeled : ['JJ'] harmonious : ['JJ'] renders : ['VBZ'] can : ['MD', 'VB', 'JJ'] 9th : ['JJ'] following : ['VBC', 'JJ', 'NN'] making : ['VB', 'VBG', 'NN'] specifaction : ['NN'] semi-automatic : ['JJ'] cad : ['NN'] petabytes : ['NNS'] nearest : ['JJ'] portals : ['NNS'] nearest : ['JJ'] portals : ['NNS'] money : ['NN'] ever : ['RB'] figure : ['NN'] locke : ['NNP'] arise : ['VBP', 'VBP'] expanding : ['NNF] arise : ['VBP', 'VBP'] expanding : ['NNS'] arise : ['VBP', 'VBP'] expanding : ['NNS'] arise : ['VBP', 'JJ', 'NN'] expanding : ['NNS'] arise : ['VBP', 'JJ', 'NN'] heard : ['NNS'] interior : ['NNT, 'NN']
believes : ['VBZ'] reviews : ['VBZ', 'NNS'] labeled : ['JJ'] harmonious : ['JJ'] renders : ['VBZ'] can : ['MD', 'VB', 'JJ'] 9th : ['JJ'] following : ['VBC', 'JJ', 'NN'] making : ['VB', 'VBG', 'NN'] specifaction : ['NN'] semi-automatic : ['JJ'] cad : ['NN'] petabytes : ['NNS'] nearest : ['JJ'] portals : ['NNS'] nearest : ['JJ'] portals : ['NNS'] money : ['NN'] ever : ['RB'] figure : ['NN'] locke : ['NNP'] arise : ['VBP', 'VBP'] expanding : ['NNF] arise : ['VBP', 'VBP'] expanding : ['NNS'] arise : ['VBP', 'VBP'] expanding : ['NNS'] arise : ['VBP', 'JJ', 'NN'] expanding : ['NNS'] arise : ['VBP', 'JJ', 'NN'] heard : ['NNS'] interior : ['NNT, 'NN']
labeled : ['JJ']
renders : ['VBZ'] can : ['MD', 'VB', 'JJ'] 9th : ['JJ'] following : ['VBG', 'JJ', 'NN'] making : ['VB', 'VBG', 'NN'] speci?cation : ['NNP'] semi-automatic : ['JJ'] cad : ['NNP'] petabytes : ['NNS'] nearest : ['NJS'] portals : ['NNS'] money : ['NN'] ever : ['RB'] figure : ['NNS', 'NN', 'NNP') ever : ['NB'] predict : ['NB', 'VBP'] expanding : ['VBG'] arise : ['VBP', 'VBP'] expanding : ['NNS'] topic : ['NN']
State
making : ['VE', 'VBG', 'NN'] speci?cation : ['NN'] semi-automatic : ['JJ'] cad : ['NN'] pertabytes : ['NNS'] money : ['NN'] portals : ['NNS'] money : ['NN'] ever : ['RB'] figure : ['NN'] locke : ['NNP'] predict : ['VB', 'VBP'] expanding : ['VEG'] arise : ['VBP', 'VBP'] expanding : ['NNS'] agent : ['NN', 'NNP'] entrants : ['NNS'] topic : ['VB', 'JJ', 'NN'] entrants : ['NNS'] topic : ['NN'] entrants : ['NNS'] topic : ['NNF'] entrants : ['NNF'
petabytes : ['NNS'] nearest : ['JJS'] portals : ['NNS'] money : ['NN'] ever : ['RB'] figure : ['NN', 'NN', 'NNP'] locke : ['NNP'] predict : ['NB', 'VBP'] expanding : ['VBG'] arise : ['VBP', 'VBP'] expanding : ['NNS'] agent : ['NN'] entrants : ['NNS'] agent : ['NN'] entrants : ['NNS'] topic : ['VB', 'JJ', 'NN'] heard : ['VBD'] cube : ['NN'] refine : ['WB'] colorident : ['JJ'] heckerman : ['NNP'] spa : ['NN'] occur : ['NNB'] spa : ['NN'] occur : ['WB', 'VBP', 'JJ'] subconsciously : ['RB'] pre-defined : ['VBN', 'JJ'] organizes : ['VBZ'] requirements : ['NNS'] lemma : ['NNF'] p-rsm : ['NN'] s : ['NN'] means : [
petabytes : ['NNS'] nearest : ['JJS'] portals : ['NNS'] money : ['NN'] ever : ['RB'] figure : ['NNS', 'NN', 'NNP'] locke : ['NNP'] predict : ['VBP', 'VBP'] expanding : ['VBG'] arise : ['VBP', 'VBP'] expanding : ['NNS'] agent : ['NN'] entrants : ['NNS'] topic : ['VB', 'JJ', 'NN'] entrants : ['NNS'] topic : ['VB', 'JJ', 'NN'] heard : ['VBD'] cube : ['NN'] refine : ['NNP'] spa : ['NN'] heckerman : ['NNP'] spa : ['NN'] occur : ['NN'] spa : ['NN'] orcur : ['WB', 'VBP', 'JJ'] subconsciously : ['YBB'] pre-defined : ['VBN', 'JJ'] organizes : ['VBZ'] requirements : ['NNS'] implements : ['NN'] p-rsm : ['NN'] s : ['NN'] means
portals : ['NNS'] money : ['NN'] ever : ['RB'] figure : ['NNS', 'NN', 'NNP'] locke : ['NNP'] predict : ['VBP', 'VBP'] expanding : ['VBG'] arise : ['VBP', 'VB'] est : ['NNN'] agent : ['NN', 'NNP'] entrants : ['NNS'] topic : ['VB', 'JJ', 'NN'] heard : ['VBD'] cube : ['NN'] refine : ['NNP'] coincident : ['JJ'] heckerman : ['NNP'] spa : ['NNP'] orbits : ['NNS'] dennis : ['NNP'] occur : ['VB', 'VBP', 'JJ'] subconsciously : ['RB'] pre-defined : ['VBN', 'JJ'] organizes : ['VBZ'] requirements : ['NNS'] lemma : ['NNP'] p-rsm : ['NN'] s3 : ['NNP'] p-rsm : ['NN', 'NNP', 'RB', 'VBG'] discussion : ['NNP'] write : ['VBZ', 'NNS', 'NN'] s6 : ['NNP']
Ever
locke : ['NNP'] predict : ['VB', 'VBP'] expanding : ['VBG'] arise : ['VBP', 'VBP'] ?s : ['NN'] agent : ['NNP'] entrants : ['NSS'] topic : ['VB', 'JJ', 'NN'] heard : ['VBD'] cube : ['NN'] refine : ['NNP'] coincident : ['JJ'] heckerman : ['NNS'] dennis : ['NNP'] orbits : ['NNS'] dennis : ['NNP'] occur : ['VB', 'VBP', 'JJ'] subconsciously : ['RB'] pre-defined : ['NNS'] organizes : ['NRE'] requirements : ['NNS'] lemma : ['NNS', 'NN', 'NNP'] inheritance : ['NN'] s3 : ['NNP'] p-rsm : ['NN', 'NNP', 'RB', 'VBG'] discussion : ['NNP'] service-based : ['JJ'] s4 : ['NNP'] write : ['VB', 'VBP'] criterion : ['NN'] socio-natural : ['NNP'] optimal : ['JJ']
expanding : ['VBG'] arise : ['VBP', 'VB'] ?s : ['NN'] agent : ['NN', 'NNP'] entrants : ['NNS'] topic : ['VB', 'JJ', 'NN'] heard : ['VBD'] cube : ['NN'] refine : ['VBP'] coincident : ['JJ'] heckerman : ['NNP'] spa : ['NN'] orbits : ['NNS'] dennis : ['NNP'] occur : ['VB', 'VBP', 'JJ'] subconsciously : ['RB'] pre-defined : ['VBN', 'JJ'] organizes : ['VBZ'] requirements : ['NNS'] lemma : ['NNS', 'NN', 'NNP'] inheritance : ['NN'] s3 : ['NNP'] p-rsm : ['NN', 'NNP', 'RB', 'VBG'] discussion : ['NN'] means : ['VBZ', 'NNS', 'NN'] s6 : ['NNP'] service-based : ['JJ'] s4 : ['NNP'] write : ['VB', 'VBP'] criterion : ['NN'] s. : ['NNP'] fourth : ['JJ'] behavioral : ['JJ'] absolute : ['JJ']
?s : ['NN'] agent : ['NN', 'NNP'] entrants : ['NS'] topic : ['VB', 'JJ', 'NN'] heard : ['VBD'] cube : ['NN'] refine : ['VB'] coincident : ['JJ'] heckerman : ['NNP'] spa : ['NN'] orbits : ['NNS'] dennis : ['NNP'] occur : ['VB', 'VBP', 'JJ'] subconsciously : ['RB'] pre-defined : ['VBN', 'JJ'] organizes : ['NBZ'] requirements : ['NNS'] lemma : ['NNS', 'NN', 'NNP'] requirements : ['NN'] s3 : ['NNP'] inheritance : ['NN'] s3 : ['NNP'] means : ['VBZ', 'NNS', 'NN'] s6 : ['NNP'] service-based : ['YBZ', 'VSP'] criterion : ['NNP'] scio-natural : ['NNP'] criterion : ['NN'] socio-natural : ['NNP'] cptimal : ['JJ'] behavioral : ['JJ'] absolute : ['JJ']
entrants : ['NNS'] topic : ['VB', 'JJ', 'NN'] heard : ['VBD'] cube : ['NN'] refine : ['VB'] coincident : ['JJ'] heckerman : ['NNP'] spa : ['NN'] orbits : ['NNP'] spa : ['NNP'] occur : ['VB', 'VBP', 'JJ'] subconsciously : ['RB'] pre-defined : ['VBN', 'JJ'] organizes : ['VBZ'] requirements : ['NNS'] lemma : ['NNS', 'NN', 'NNP'] p-rsm : ['NN'] s3 : ['NNP'] p-rsm : ['NN', 'NNP', 'RB', 'VBG'] discussion : ['NN'] service-based : ['JJ'] s4 : ['NNP'] write : ['VB', 'VBP'] criterion : ['NN'] socio-natural : ['NNP'] optimal : ['JJ'] behavioral : ['JJ'] absolute : ['JJ']
heard : ['VBD'] cube : ['NN'] refine : ['VB'] coincident : ['JJ'] heckerman : ['NNP'] spa : ['NN'] orbits : ['NNS'] dennis : ['NNP'] occur : ['VB', 'VBP', 'JJ'] subconsciously : ['RB'] pre-defined : ['NNS', 'JJ'] organizes : ['VBZ'] requirements : ['NNS'] lemma : ['NNS', 'NN', 'NNP'] inheritance : ['NN'] s3 : ['NNP'] p-rsm : ['NN', 'NNP', 'RB', 'VBG'] discussion : ['NNP'] means : ['VBZ', 'NNS', 'NN'] s6 : ['NNP'] service-based : ['JJ'] s4 : ['NNP'] write : ['VB', 'VBP'] criterion : ['NNP'] s. : ['NNP'] fourth : ['JJ'] socio-natural : ['NNP'] optimal : ['JJ'] behavioral : ['JJ'] absolute : ['JJ']
heckerman : ['NNP'] spa : ['NNP'] orbits : ['NNS'] dennis : ['NNP'] occur : ['VB', 'VBP', 'JJ'] subconsciously : ['RB'] pre-defined : ['VBN,'JJ'] organizes : ['VBZ'] requirements : ['NNS'] lemma : ['NNS', 'NN', 'NNP'] inheritance : ['NNP'] s3 : ['NNP'] p-rsm : ['NNP', 'NNP', 'RB', 'VBG'] discussion : ['NNP'] means : ['VBZ', 'NNS', 'NN'] s6 : ['NNP'] service-based : ['JJ'] s4 : ['NNP'] write : ['VB', 'VBP'] criterion : ['NN'] s. : ['NNP'] fourth : ['JJ'] socio-natural : ['NNP'] optimal : ['JJ'] behavioral : ['JJ'] absolute : ['JJ']
orbits : ['NNS'] dennis : ['NNP'] occur : ['VB', 'VBP', 'JJ'] subconsciously : ['RB'] pre-defined : ['VBN', 'JJ'] organizes : ['VBZ'] requirements : ['NNS'] lemma : ['NNS', 'NN', 'NNP'] inheritance : ['NN'] s3 : ['NNP'] p-rsm : ['NN', 'NNP', 'RB', 'VBG'] discussion : ['NN'] s6 : ['NNP'] service-based : ['JJ'] s4 : ['NNP'] s4 : ['NNP'] s5 : ['NNP'] s5 : ['NNP'] s6 : ['NNP'] s6 : ['NNP'] s7 : ['NNP'] s7 : ['NNP'] s8 : ['NNP'] s9 : [
orbits : ['NNS'] dennis : ['NNP'] occur : ['VB', 'VBP', 'JJ'] subconsciously : ['RB'] pre-defined : ['VBN', 'JJ'] organizes : ['VBZ'] requirements : ['NNS'] lemma : ['NNS', 'NN', 'NNP'] inheritance : ['NN'] s3 : ['NNP'] p-rsm : ['NN', 'NNP', 'RB', 'VBG'] discussion : ['NN'] s6 : ['NNP'] service-based : ['JJ'] s4 : ['NNP'] s4 : ['NNP'] s5 : ['NNP'] s5 : ['NNP'] s6 : ['NNP'] s6 : ['NNP'] s7 : ['NNP'] s7 : ['NNP'] s8 : ['NNP'] s9 : [
pre-defined : ['VBN', 'JJ'] organizes : ['VBZ'] requirements : ['NNS'] lemma : ['NNS', 'NN', 'NNP'] inheritance : ['NN'] s3 : ['NNP'] p-rsm : ['NNY, 'NNP', 'RB', 'VBG'] discussion : ['NNP'] means : ['VBZ', 'NNS', 'NN'] s6 : ['NNP'] service-based : ['JJ'] s4 : ['NNP'] write : ['VB', 'VBP'] criterion : ['NN'] s. : ['NNP'] fourth : ['JJ'] socio-natural : ['NNP'] optimal : ['JJ'] behavioral : ['JJ'] absolute : ['JJ']
pre-defined : ['VBN', 'JJ'] organizes : ['VBZ'] requirements : ['NNS'] lemma : ['NNS', 'NN', 'NNP'] inheritance : ['NN'] s3 : ['NNP'] p-rsm : ['NN', 'NNP', 'RB', 'VBG'] discussion : ['NN'] means : ['VBZ', 'NNS', 'NN'] s6 : ['NNP'] service-based : ['JJ'] s4 : ['NNP'] write : ['VB', 'VBP'] criterion : ['NN'] s. : ['NNP'] fourth : ['JJ'] socio-natural : ['NNP'] optimal : ['JJ'] behavioral : ['JJ']
requirements : ['NNS'] lemma : ['NNS', 'NN', 'NNP'] inheritance : ['NN'] s3 : ['NNP'] p-rsm : ['NN', 'NNP', 'RB', 'VBG'] discussion : ['NNP'] means : ['VBZ', 'NNS', 'NN'] s6 : ['NNP'] service-based : ['JJ'] s4 : ['NNP'] write : ['VB', 'VBP'] criterion : ['NN'] s. : ['NNP'] fourth : ['JJ'] socio-natural : ['NNP'] optimal : ['JJ'] behavioral : ['JJ'] absolute : ['JJ']
inheritance : ['NN'] s3 : ['NNP'] p-rsm : ['NN', 'NNP', 'RB', 'VBG'] discussion : ['NN'] means : ['VBZ', 'NNS', 'NN'] s6 : ['NNP'] service-based : ['JJ'] s4 : ['NNP'] write : ['VB', 'VBP'] criterion : ['NN'] s. : ['NNP'] fourth : ['JJ'] socio-natural : ['NNP'] optimal : ['JJ'] behavioral : ['JJ'] absolute : ['JJ']
p-rsm : ['NN', 'NNP', 'RB', 'VBG'] discussion : ['NN'] means : ['VBZ', 'NNS', 'NN'] s6 : ['NNP'] service-based : ['JJ'] s4 : ['NNP'] write : ['VB', 'VBP'] criterion : ['NN'] s. : ['NNP'] fourth : ['JJ'] socio-natural : ['NNP'] optimal : ['JJ'] behavioral : ['JJ'] absolute : ['JJ']
means : ['VBZ', 'NNS', 'NN'] s6 : ['NNP'] service-based : ['JJ'] s4 : ['NNP'] write : ['VB', 'VBP'] criterion : ['NN'] s. : ['NNP'] fourth : ['JJ'] socio-natural : ['NNP'] optimal : ['JJ'] behavioral : ['JJ'] absolute : ['JJ']
write : ['VB', 'VBP'] criterion : ['NN'] s. : ['NNP'] fourth : ['JJ'] socio-natural : ['NNP'] optimal : ['JJ'] behavioral : ['JJ'] absolute : ['JJ']
s. : ['NNP'] fourth : ['JJ'] socio-natural : ['NNP'] optimal : ['JJ'] behavioral : ['JJ']
socio-natural: ['NNP']optimal: ['JJ']behavioral: ['JJ']absolute: ['JJ']
socio-natural: ['NNP']optimal: ['JJ']behavioral: ['JJ']absolute: ['JJ']
eight : ['CD'] divides : ['VBZ']
economy : ['NN'] inputs : ['VBZ', 'NNP', 'NNS', 'JJ', 'VBD']
product : ['NN'] designer : ['NN']
explores : ['VBZ'] huge : ['JJ']
may : ['MD'] max : ['NN', 'VBN']
connective : ['JJ'] respective : ['JJ']
high-energy : ['JJ'] applications : ['NNS', 'NNP']
mac : ['NNS'] produce : ['VB', 'VBP']
k-nn : ['JJ'] designed : ['VBN', 'VBD']
courses : ['NNP', 'NNS'] improving : ['VB', 'VBG', 'NN']
representations : ['VBZ', 'NNS', 'NNP'] readerof : ['NN']
cradle-to-cradle : ['JJ'] data : ['VBG', 'NNS', 'NN', 'NNP']
annotation : ['NN'] man : ['NN']
prob : ['NNP', 'VBZ'] natural : ['VB', 'JJ']

1.1FII.D_T\program\cirpse\cc_re	CIALIOINVALI CIC.IXI		201047 7 2011 13.
accelerates	: ['VBZ']	sectors	: ['NNS']
conscious	: ['JJ']	lemmas	: ['NNS']
goal	: ['VB', 'NN']	explicit	: ['JJ']
categorizing	: ['VBG']	symphony	: ['NN']
compressing	: ['VBG']	fluent	: ['JJ']
inform	: ['VB', 'NNP']	si	: ['NN', 'NNP']
ones	: ['NNS']	SO	: ['CC', 'RB', 'IN']
sn	: ['NN', 'NNP']	sm	: ['NNP']
sl	: ['NN', 'NNP']	definitions	: ['NNS']
16,41	: ['CD']	pollution	: ['NN']
se	: ['FW', 'NNP']	typical	: ['JJ']
acts	: ['NNS']	seeing	: ['VBG']
webpage	: ['NN']	indeed	: ['RB']
pointed	: ['VBN', 'VBD']	toward	: ['IN']
mainly	: ['RB']	primitive	: ['JJ']
years	: ['VBZ', 'NNS', 'NNP']	stability	: ['NN']
structuring	: ['VBG', 'NNP']	experiments	: ['NNS']
statistical	: ['JJ', 'NNP']	step-by-step	: ['NN']
argued	: ['VBD']	equip	: ['VB']
still	: ['RB']	ieee	: ['NNP']
extreme	: ['JJ']	observational	: ['JJ']
constituted	: ['JJ']	emits	: ['VBZ']
derive	: ['VB', 'VBP']	group	: ['NN']
monitor	: ['VBP', 'NN']	recommendations	: ['NNS']
interesting	: ['JJ']	facility	: ['NN', 'NNP']
stimulus-response	: ['VBP', 'JJ']	coordinates	: ['VBG', 'NN', 'VBN', 'CD', 'VBZ', 'NNS', 'NNP']
forms	: ['VBZ', 'NNS']	platform	: ['NN']
window	: ['NN']	offers	: ['VBZ']
pervade	: ['VBP']	constitutes	: ['VBZ']
policy	: ['NN']	coordinated	: ['VBN']
artefacts	: ['NNS']	main	: ['JJ']
scienti?c	: ['JJ']	causation	: ['NN']
happened	: ['VBN', 'VBD']	correspondence	: ['NN']
conveying	: ['VBG']	non	: ['VB', 'VBP']
usa	: ['NNP']	halt	: ['VB']
unveiling	: ['VBG']	views	: ['VBZ', 'NNS', 'NNP']
matches	: ['VBZ']	conversations	: ['NNS']
processes	: ['VBZ', 'NNS']	introduce	: ['VB']
bound	: ['NN', 'VBN']	records	: ['VBZ', 'NNS']
qualified	: ['VBN']	ls2	: ['NNP']
1950	: ['CD']	reforming	: ['VBG']
half	: ['DT', 'PDT']	not	: ['RB']
now	: ['RB']	1958	: ['NNP', 'CD']
maintaining	: ['VBG']	matched	: ['VBN', 'JJ']
lineage	: ['NN']	term	: ['NN']
name	: ['NN']	locator	: ['NNP']
cognition	: ['NN', 'JJ', 'NNP']	directories	: ['NNS']
enrichment	: ['VB']	arrows	: ['NNS']
5.2	: ['CD']	establishing	: ['VBZ', 'VB', 'VBG', 'JJ', 'NNP']
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realistic : ['UN']	i .\Fii.b_i\piograff\Lctipse\cc_ie	iation	WFT UIC.LAL								2010年7月20日 13.12
em ['PRF', 'NNF', 'NNF']	realistic	:	['JJ']		axis/point	:	['NN']				
domain : ['NN'] subcluster/partof : ['NN'] retrieve : ['NN'] significantly : ['NN'] ak : ['NN'] classifying : ['UsG', 'UsG', 'NNP'] inlywenced : ['NN'] conventions : ['NN'] snapabota : ['NN'] conventions : ['NN'] breakthrough : ['NN'] the conventions : ['NN'] replay : ['NN'] the conventions : ['NN'] bappen : ['VB', 'NN'] excided : ['O', 'NNP', 'RB', 'FW'] bappen : ['VB', 'NN'] excided : ['NW'] bappen : ['VB', 'NN'] excided : ['NW'] badeditied : ['VB', 'NN'] excided : ['WB'] bredefined : ['NB', 'NN'] excepts : ['NB'] arc : ['NW, 'NN'] excepts : ['NW'] arc : ['RW, 'NN'] controllection : ['NW'] interference : ['RW, 'NN'] investigation : ['NW'] interference : ['RW, 'NW'] investig	co-experiences	:	['NNS']	ereasoning	:	['NNP']			
recrieve ['VB'']	em	:	['PRP'	, 'VBN', 'NNP']	rethinking	:	['VBG']			
recrieve ['VB'']	domain	:	['NN']		subcluster/partof	:	['NN']				
ek	retrieve	:	['VB',	'VBP']	significantly	:	['RB']				
# Anaphota	ek				classifying	:	['VBG'	, 'JJ',	'NNP']		
Dreakthrough	in?uenced	:	['VBN']	abnormal	:	['JJ']				
replay : ['VP'] organic : ['JJ'] happen : ['VP', VBF'] avoided : ['VSN'] 40 : ['CO', 'NNP'] ep : ['VNN', 'VB'] inTuences : ['VBR', 'JJ'] small-scale : ['JNN', 'VBF'] shown : ['VNN', 'NNP'] accomplish : ['VNF'] shown : ['NNP'] banff : ['NNP'] space : ['NNP'] coincidentally : ['NNP'] space : ['NNP'] coincidentally : ['NNP'] interference : ['NNI'] coincidentally : ['NNP'] interference : ['NNI'] increase : ['VBG', 'NNI'] rattracted : ['NNI'] investigation : ['NNI'] rattracted : ['NNI'] investigation : ['NNI'] rattracted : ['NNI'] recalving : ['VBG'] rattracted : ['NNI'] recalving : ['VBG'] rattracted : ['NNI'] recalving : ['VBG'] rattracted : ['NNI'] recalving :	snapshots	:	['NNS']	conventions	:	['NNS']			
replay : ['VB'] et : ['JJ'] sppen : ['VB', VBP'] avoided : ['VBN'] sppen : ['VB', VBP'] avoided : ['VBN'] sppen : ['VB', VBP'] ep : ['VBN'] sinTuences : ['VBE', 'NNS'] small-seq : ['VB'] shown : ['VBN', 'NJ'] emerges : ['VBZ'] shown : ['VBN', 'NNP'] accomplish : ['VB'] space : ['NNP'] space : ['NNP'] banff : ['VBN'] space : ['NNP']	breakthrough	:	['NN']		1nf	:	['CD',	'NNP']			
happen : ['VB', 'VBP'] avoided : ['VBN'] .40 : ['CD', 'NNF'] ep : ['NN', 'WP'] inTuences : ['VBB', 'NNS'] small-scale : ['JB'] predefined : ['VBP', 'NNF'] accomplish : ['VB'] shown : ['NNF'] banff : ['NNF'] space : ['NN', 'NNF'] coincidentally : ['RB'] interference : ['NN'] increase : ['VBC', 'NN'] interference : ['NN'] increase : ['VBC', 'NN'] rational : ['VBN', 'VBD'] interpet : ['NNF'] rational : ['NNI'] receiving : ['VBC', 'NN', 'JJ'] sensor : ['NNI'] correct : ['JJ'] sensor : ['NNI'] correct : ['JJ'] sensor : ['NNI', 'NNP'] seni-autonomous : ['NNS'] cars : ['NNI', 'NNP'] seni-autonomous : ['NNS'] contain : ['VBC', 'NNT'] seni-autonomous : ['NNS', 'JJ', 'CD', 'NNP', 'VEZ', 'NNPS'] cortain <td< td=""><td>replay</td><td>:</td><td>['VB']</td><td></td><td>organic</td><td>:</td><td>['JJ']</td><td></td><td></td><td></td><td></td></td<>	replay	:	['VB']		organic	:	['JJ']				
A0	year	:	['NN']		et	:	['CC',	'NNP',	'RB', 'FW']		
InTuences : ['WEY', 'NNS'] small-scale : ['JJ'] predefined : ['VEN', 'NNP'] accomplish : ['WE'] shown : ['WE'] NNP'] banff : ['WE'] space : ['NNP'] banff : ['WE'] space : ['NNP'] coincidentally : ['NE'] space : ['NN'] communicating : ['WE'] interference : ['NN'] increase : ['WE', 'NN'] interference : ['NN'] increase : ['WE', 'NN'] rational : ['JJ'] internet : ['NN'] rational : ['NN'] internet : ['NN'] sensor : ['NN'] correct : ['JJ'] telegraphy : ['NN', 'NNP'] correct : ['MS', 'JJ'] telegraphy : ['NN', 'NNP'] semi-autonomous : ['NNS', 'JJ'] telegraphy : ['NN', 'NNP'] semi-autonomous : ['NNS', 'JJ'] sensor : ['NNS'] correct : ['MS', 'JJ', 'CD', 'NNP', 'VEZ', 'NNPS'] correct : ['NNS'] semi-autonomous : ['NNS', 'JJ', 'CD', 'NNP', 'VEZ', 'NNPS'] serlier : ['NNS', 'NNP'] semi-autonomous : ['NNS', 'JJ', 'CD', 'NNP', 'VEZ', 'NNPS'] serlier : ['NNS', 'NNP'] semi-autonomous : ['NNS', 'JJ', 'CD', 'NNP', 'VEZ', 'NNPS'] serlier : ['NNS', 'NNP'] semi-autonomous : ['NNS', 'JJ', 'CD', 'NNP', 'VEZ', 'NNPS', 'SM', 'NNP', 'DS', 'NNPS', 'SM', 'NNP', 'NNP	happen	:	['VB',	'VBP']	avoided	:	['VBN']			
predefined [[VeR, 'JJ] emerges [VeR, 'Ner] accomplish [VeR, 'Ner] [VeR	. 40	:	['CD',	'NNP']	ер	:	['NN',	'VB']			
predefined : ['VRN', 'JJ']	in?uences	:	['VBZ'	, 'NNS']	small-scale	:	['JJ']				
space : ['NNP'] banff : ['NNP'] furthermore : ['NN', 'NNP'] coincidentally : ['RB'] furthermore : ['NN'] communicating : ['VBG', 'NN'] interference : ['NN'] increase : ['VVB', 'NN'] attracted : ['VMN', 'VBD'] investigation : ['NNP'] formula : ['NN'] receiving : ['NNP'] formula : ['NN'] correct : ['NN'] formula : ['NN'] correct : ['NN'] sensor : ['NN'] correct : ['JJ'] sensor : ['NN', 'JJ'] theory : ['NBG', 'NN', 'JJ'] telegraphy : ['NN', 'NNP'] semi-autonomous : ['NNS'] cars : ['NNS'] e4 : ['NNS', 'JJ'] contain : ['VB', 'VBF'] mechanisms : ['NNS'] spasibility : ['NN'] 20 : ['CD'] inputting : ['VBG', 'JJ'] unfriendly : ['JJ'] liben-nowell : ['NNP'] advantages : ['NNS', 'JJ'] bayes : ['NNP'] scheduled : ['VNN'] uncover : ['VB'] e5 : ['NNP', 'JJ', 'NNP', 'FW', 'NNP'] e6 : ['NNS', 'NNP', 'JJ', 'NN'] inductive : ['JJ'] axioms : ['NNS', 'NNP', 'JJ', 'NN'] inductive : ['JJ'] defivation : ['NNS', 'NNP', 'JJ', 'NN'] advance : ['VBN'] derivation : ['NNP', 'NNP'] advance : ['VBN'] derivation : ['NNS', 'NNP', 'JJ', 'NN'] advance : ['VBN'] derivation : ['NNS', 'NNP', 'NNP'] programming : ['VBG', 'NN', 'NNP'] e1 catalog : ['NNS', 'NNP'] programming : ['VBG', 'NN', 'NNP'] place : ['NNS', 'NNP'] massive : ['VBG', 'NN', 'NNP'] misused : ['NNS'] massive : ['NNS'] misused : ['VBF', 'NNF'] massive : ['NNS'] misused : ['VBF', 'NNF'] sescietes : ['VBS'] think : ['VBF', 'VBF'] frequent : ['VBT']	predefined				emerges	:	['VBZ']			
space : ['NN', 'NNF'] coincidentally : ['RB'] furthermore : ['NN'] communicating : ['VBG', 'NN'] interference : ['NN'] increase : ['VB', 'NN'] attracted : ['VBN', 'VBD'] investigation : ['NN'] formula : ['NN'] receiving : ['VBG', 'NN'] sensor : ['NN'] correct : ['JJ] sensor : ['NN'] correct : ['JJ] searlier : ['JJ, 'NJ] clustering : ['VBG', 'NN', 'JJ'] telegraphy : ['NN, 'NNF'] semi-autonomous : ['NNS'] cars : ['NN, 'NNF'] semi-autonomous : ['NNS'] contain : ['VBG', 'JJ] mechanisms : ['NNS'] contain : ['NS'] uncontain : ['NNF'] possibility : ['NNF'] advantages : ['NNS'] lapses : ['NNF'] advantages : ['NNF', 'JJ', 'NNF', 'JJ', 'NNF', 'FW', 'NNF'] super : ['NNF'] eS : ['NNF', 'JJ', 'NNF', 'NNF', 'JJ', 'NNF', 'NNF']	shown	:	['VBN'	, 'NNP']	accomplish	:	['VB']				
furthermore : ['RB'] communicating : ['VBG', 'NN'] interference : ['VBN', 'VBD'] increase : ['VB, 'NN'] attracted : ['VBN', 'VBD'] investigation : ['NN'] rational : ['NN'] internet : ['NN'] sensor : ['NN'] correct : ['JJ'] Shows B ''VBZ', 'NNS'] clustering : ['VBG', 'NN', 'JJ'] telegraphy : ['NNS'] theory : ['NNS'] cars : ['NNS'] e4 : ['NNS'] cars : ['VBF', 'VBP'] mechanisms : ['NNS'] cars : ['VNS', 'UPP'] e4 : ['NNS', 'J', 'CD', 'NNP', 'VBZ', 'NNPS'] cars : ['VBG', 'JJ'] unfriendly : ['JJ'] inputting : ['VBG', 'JJ'] unfriendly : ['JJ'] bayes : ['NNP'] accenduled : ['VBN'] teutel : ['NNP'] e5 : ['NNP, 'JJ', 'NS', 'CD', 'VBZ', 'NNPS', 'FW', 'NN'] e6 : ['NNP'] e3 : ['NNS', 'NNP, 'VBY', 'VBY', 'VBY'] derivation<	arcr	:	['NNP']	banff	:	['NNP']			
<pre>interference : ['NN']</pre>	space	:	['NN',	'NNP']	coincidentally	:	['RB']				
### Actional : ['VBN', 'VBD']	furthermore	:	['RB']		communicating	:	['VBG'	, 'NN']			
attracted : ['NN', 'VBD'] investigation : ['NN'] rational : ['NN'] receiving : ['NN'] formula : ['NN'] receiving : ['VBG'] sensor : ['NN'] correct : ['JJ'] sensor : ['NNS'] clustering : ['VBG', 'NN', 'JJ'] earlier : ['JJ', 'JJ'] theory : ['NN', 'JJ'] telegraphy : ['NNS'] semi-autonomous : ['NNS'] cars : ['NNS'] e4 : ['NNS', 'JJ', 'CD', 'NNP', 'VBZ', 'NNPS'] contain : ['NNS'] e4 : ['NNS', 'JJ', 'CD', 'NNP', 'VBZ', 'NNPS'] possibility : ['NNS'] unfriendly : ['JJ'] possibility : ['NNP'] unfriendly : ['JJ'] bayes : ['NNP'] scheduled : ['NNS', 'JJ'] bayes : ['NNP'] e5 : ['NNS', 'NNP', 'JJ', 'NNP', 'NNP', 'NNP'] e6 : ['NNS', 'NNP', 'JJ', 'NN'] e1 e3 : ['NNS', 'NNP', 'JJ', 'NNP', 'N	interference	:	['NN']		increase	:	['VB',	'NN']			
formula : ['NN'] receiving : ['VBG'] sensor : ['NN'] correct : ['JJ'] Shows : ['VBC', 'NNS'] clustering : ['VBG', 'NN', 'JJ'] earlier : ['JT', 'JJ'] theory : ['NN', 'JJ'] telegraphy : ['NNS'] semi-autonomous : ['NNS'] cars : ['NNS'] e4 : ['NNS'] contain : ['VB', 'WBP'] mechanisms : ['NNS'] possibility : ['NNI'] 20 : ['CD'] inputting : ['VBG', 'JJ'] unfriendly : ['JJ'] bayes : ['NNP'] advantages : ['NNS', 'JJ', 'NNS', 'CD', 'NNS', 'FW', 'NN'] bayes : ['NNP'] e5 : ['NNP', 'JJ', 'NNS', 'VB', 'NN'] e6 : ['NNF'] e7 : ['NNS', 'JJ', 'CD', 'NNF', 'RB', 'NNPS'] e6 : ['NNS', 'NNP', 'JJ', 'NN'] advance : ['NNS', 'JJ', 'CD', 'NNP', 'RB', 'NNPS'] copernicus : ['NNF'] advance : ['NN', 'JJ', 'RB', 'NNP'] critaining : ['VBC', 'NN'] language : ['NN', 'JJ', 'RB'	attracted	:	['VBN'	, 'VBD']	investigation	:	['NNP']			
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Shows	formula	:	['NN']		receiving	:	['VBG']			
earlier : ['JJR', 'JJ'] theory : ['NN', 'JJ'] telegraphy : ['NNs'] semi-autonomous : ['NNS'] cars : ['NNs'] e4 : ['NNS', 'JJ', 'CD', 'NNP', 'VBZ', 'NNPS'] contain : ['VB', 'VBP'] mechanisms : ['NNS'] possibility : ['VBC', 'JJ'] mechanisms : ['NS'] inputting : ['VBC', 'JJ'] unfriendly : ['JJ'] liben-nowell : ['NNP'] advantages : ['NNS', 'JJ'] bayes : ['NNP'] scheduled : ['VBN'] uncover : ['NP'] e5 : ['NNP', 'JJ', 'NNP', 'JJ', 'NNP'] teufel : ['NNP'] e7 : ['NNP', 'JJ', 'CD', 'NNP', 'NNP'] axioms : ['NNS', 'NNP', 'JJ', 'NNP'] e3 : ['NNS', 'JJ', 'CD', 'NNP', 'RB', 'NNPS'] copernicus : ['NNP'] advance : ['VB'] training : ['VBG', 'NN'] inductive : ['NNS', 'NPP', 'RB', 'NNPS'] derivation : ['NS', 'NPP', 'NN'] curation : ['VB'] op2 : ['NNS', 'NPP', 'NPP'] curation	sensor	:	['NN']		correct	:	['JJ']				
telegraphy	shows	:	['VBZ'	, 'NNS']	clustering	:	['VBG'	, 'NN',	' JJ ']		
cars : ['NNS']	earlier	:	['JJR'	, 'JJ']	theory	:	['NN',	'JJ']			
<pre>contain</pre>	telegraphy	:	['NN',	'NNP']	semi-autonomous	:	['NNS']			
possibility : ['NN'] 20 : ['CD'] inputting : ['VBG', 'JJ'] unfriendly : ['JJ'] liben-nowell : ['NNP'] advantages : ['NNS', 'JJ'] bayes : ['NNP'] scheduled : ['VBN'] uncover : ['VB'] e5 : ['NNP', 'JJ', 'NNS', 'CD', 'VBZ', 'NNFS', 'FW', 'NN'] teufel : ['NNS', 'NNP'] e7 : ['NNP', 'JJ', 'CD'] e6 : ['NNS', 'NNP', 'JJ', 'NN'] e3 : ['NNS', 'JJ', 'CD', 'NNP', 'RB', 'NNPS'] axioms : ['NNP'] advance : ['VB'] training : ['VBN', 'NN'] advance : ['VB'] training : ['VBN', 'NN'] language : ['NN', 'JJ', 'RB', 'NNP'] derivation : ['VBN', 'NN'] curation : ['VB'] selections : ['NNS', 'NNP'] programming : ['VBG', 'NN', 'NNP'] selections : ['NNS', 'NNP'] routed : ['NN'] motion : ['NN'] thing : ['NN'] machine-to-machine : ['NN'] massive : ['NNS']	cars	:	['NNS']	e4	:	['NNS'	, 'JJ',	'CD', 'NNP',	'VBZ', 'NNPS']	
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teufel : ['NNP'] e7 : ['NNS', 'NNP', 'JJ', 'CD'] e6 : ['NNS', 'NNP', 'JJ', 'NN'] inductive : ['JJ'] axioms : ['NNS'] e3 : ['NNS', 'NNP', 'RB', 'NNPS'] copernicus : ['NNP'] advance : ['VB'] training : ['VBG', 'NN'] fixed : ['VBN'] derivation : ['VBN', 'NN'] language : ['NN', 'JJ', 'RB', 'NNP'] selections : ['NNS', 'VBN'] curation : ['VB'] op2 : ['NNS', 'NNP'] programming : ['VBG', 'NN', 'NNP'] catalog : ['NN'] routed : ['VBN'] motion : ['NN'] massive : ['NN'] place : ['VB', 'NN'] massive : ['JJ'] machine-to-machine : ['NN'] associates : ['NNS'] misused : ['UB', 'VBP'] frequent : ['JJ']	bayes	:	['NNP']	scheduled	:	['VBN']			
e6 : ['NNS', 'NNP', 'JJ', 'NN'] inductive : ['JJ'] axioms : ['NNS'] e3 : ['NNS', 'JJ', 'CD', 'NNP', 'RB', 'NNPS'] copernicus : ['NNP'] advance : ['VB'] training : ['VBG', 'NN'] fixed : ['VBN'] derivation : ['VBN', 'NN'] language : ['NN', 'JJ', 'RB', 'NNP'] selections : ['NNS', 'VBN'] curation : ['VB'] op2 : ['NNS', 'NNP'] programming : ['VBG', 'NN', 'NNP'] catalog : ['NN'] routed : ['VBN'] motion : ['NN'] thing : ['NN'] place : ['VB', 'NN'] massive : ['JJ'] machine-to-machine : ['NN'] associates : ['NNS'] misused : ['JJ'] associates : ['YBZ'] think : ['VB', 'VBP'] frequent : ['JJ']	uncover	:	['VB']		e5	:	['NNP'	, 'JJ',	'NNS', 'CD',	'VBZ', 'NNPS', 'E	W', 'NN']
axioms : ['NNS'] e3 : ['NNS', 'JJ', 'CD', 'NNP', 'RB', 'NNPS'] copernicus : ['NNP'] advance : ['VB'] training : ['VBG', 'NN'] fixed : ['VBN'] derivation : ['VBN', 'NN'] language : ['NN', 'JJ', 'RB', 'NNP'] selections : ['NNS', 'VBN'] curation : ['VB'] op2 : ['NNS', 'NNP'] programming : ['VBG', 'NN', 'NNP'] catalog : ['NN'] routed : ['VBN'] motion : ['NN'] thing : ['NN'] place : ['VB', 'NN'] massive : ['JJ'] machine-to-machine : ['NN'] routes : ['NNS'] misused : ['JJ'] associates : ['VBZ'] think : ['VB', 'VBP'] frequent : ['JJ']	teufel	:	['NNP']	e7	:	['NNS'	, 'NNP'	, 'JJ', 'CD']		
<pre>copernicus : ['NNP']</pre>	e6	:	['NNS'	, 'NNP', 'JJ', 'NN']	inductive	:	['JJ']				
training : ['VBG', 'NN'] fixed : ['VBN'] derivation : ['VBN', 'NN'] language : ['NN', 'JJ', 'RB', 'NNP'] selections : ['NNS', 'VBN'] curation : ['VB'] op2 : ['NNS', 'NNP'] programming : ['VBG', 'NN', 'NNP'] catalog : ['NN'] routed : ['VBN'] motion : ['NN'] thing : ['NN'] place : ['VB', 'NN'] massive : ['JJ'] machine-to-machine : ['NN'] routes : ['NNS'] misused : ['JJ'] associates : ['VBZ'] think : ['VB', 'VBP'] frequent : ['JJ']	axioms	:	['NNS']	e3	:	['NNS'	, 'JJ',	'CD', 'NNP',	'RB', 'NNPS']	
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selections : ['NNS', 'VBN'] curation : ['VB'] op2 : ['NNS', 'NNP'] programming : ['VBG', 'NN', 'NNP'] catalog : ['NN'] routed : ['VBN'] motion : ['NN'] thing : ['NN'] place : ['VB', 'NN'] massive : ['JJ'] machine-to-machine : ['NN'] routes : ['NNS'] misused : ['JJ'] associates : ['VBZ'] think : ['VB', 'VBP'] frequent : ['JJ']	training	:	['VBG'	, 'NN']	fixed	:	['VBN']			
op2 : ['NNS', 'NNP'] programming : ['VBG', 'NN', 'NNP'] catalog : ['NN'] routed : ['VBN'] motion : ['NN'] thing : ['NN'] place : ['VB', 'NN'] massive : ['JJ'] machine-to-machine : ['NN'] routes : ['NNS'] misused : ['JJ'] associates : ['VBZ'] think : ['VB', 'VBP'] frequent : ['JJ']	derivation	:	['VBN'	, 'NN']	language	:	['NN',	'JJ',	'RB', 'NNP']		
catalog : ['NN'] routed : ['VBN'] motion : ['NN'] thing : ['NN'] place : ['VB', 'NN'] massive : ['JJ'] machine-to-machine : ['NN'] routes : ['NNS'] misused : ['JJ'] associates : ['VBZ'] think : ['VB', 'VBP'] frequent : ['JJ']	selections	:	['NNS'	, 'VBN']	curation	:	['VB']				
motion : ['NN'] thing : ['NN'] place : ['VB', 'NN'] massive : ['JJ'] machine-to-machine : ['NN'] routes : ['NNS'] misused : ['JJ'] associates : ['VBZ'] think : ['VB', 'VBP'] frequent : ['JJ']	op2	:	['NNS'	, 'NNP']	programming	:	['VBG'	, 'NN',	'NNP']		
place : ['VB', 'NN'] massive : ['JJ'] machine-to-machine : ['NN'] routes : ['NNS'] misused : ['JJ'] associates : ['VBZ'] think : ['VB', 'VBP'] frequent : ['JJ']	catalog	:	['NN']		routed	:	['VBN']			
machine-to-machine : ['NN'] routes : ['NNS'] misused : ['JJ'] associates : ['VBZ'] think : ['VB', 'VBP'] frequent : ['JJ']	motion	:	['NN']		thing	:	['NN']				
misused : ['JJ'] associates : ['VBZ'] think : ['VB', 'VBP'] frequent : ['JJ']	place	:	['VB',	'NN']	massive	:	['JJ']				
think : ['VB', 'VBP'] frequent : ['JJ']	machine-to-machine	:	['NN']		routes	:	['NNS']			
	misused	:	['JJ']		associates	:	['VBZ']			
first : ['JJ', 'RB', 'NNP'] origin : ['NN']	think				frequent	:	['JJ']				
	first	:	['JJ',	'RB', 'NNP']	origin	:	['NN']				

I .IFII.D_Nprogrammechpseloc_	Telation(VVI I dic.txt		2010年7月20日 15.12
schema	: ['NN', 'NNP']	initial	: ['JJ']
fetched	: ['VBN']	symmetry	: ['NNP', 'NN']
624	: ['NNP']	spoken	: ['VBN']
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waves	: ['NNS']	symbolic	: ['JJ']
describing	: ['VBG']	one	: ['PRP', 'NN', 'CD']
arduous	: ['JJ']	upper-bounded	: ['JJ']
textual	: ['JJ']	directly	: ['RB']
carry	: ['VB', 'VBP']	methodological	: ['JJ']
ring	: ['NN']	mouaddib	: ['NNP']
open	: ['VB', 'JJ', 'NNP']	minimizes	: ['VBZ']
size	: ['NN']	fmri	: ['NNS']
city	: ['NN']	given	: ['VBN']
turing	: ['VBG', 'NN', 'NNP']	checked	: ['VBN']
personalities	: ['NNS']	super-links	: ['NNS', 'JJ']
categorical	: ['JJ']	unselfish	: ['JJ']
lens	: ['NN']	image-like	: ['JJ']
rule-constraint	: ['JJ', 'NNP']	anyone	: ['NN']
indicate	: ['VB', 'VBP']	draft	: ['NNP']
assimilates	: ['VBZ', 'JJ']	realization	: ['VB']
cost-effective	: ['JJ']	structures	: ['VBZ', 'NNS']
cite	: ['VB', 'VBP', 'JJ', 'NNP']	speaking	: ['VBG']
gives	: ['VBZ']	summarization	: ['NNS', 'JJ', 'NN', 'NNP']
mining	: ['VBG', 'NN', 'NNP']	х.	: ['NNP']
fraction	: ['NN']	hub	: ['NN']
that	: ['DT', 'WDT', 'IN']	copj	: ['NNP']
brains	: ['NNS']	continuous	: ['JJ', 'NNP']
proving	: ['VBG']	accurately	: ['RB']
artifact	: ['NN', 'NNP']	closures	: ['NNS']
paranome	: ['NN']	immediate	: ['JJ']
x2	: ['NNP']	absorbs	: ['VBZ']
x1	: ['NNS', 'NNP']	representing	: ['VBG']
than	: ['IN']	semantics	: ['VBG', 'VB', 'NNS', 'JJ', 'NNP']
inventor	: ['NN']	11	: ['NNP', 'CD']
wide	: ['JJ', 'NNP']	13	: ['CD']
12	: ['CD']	15	: ['CD']
14	: ['CD']	17	: ['CD']
16	: ['CD']	19	: ['CD']
structured	: ['VBN', 'JJ', 'NNP']	require	: ['VBP']
maybury	: ['NNP']	resourcetypes	: ['NNP', 'NNS']
constructionism	: ['VBP', 'NN', 'NNP']	future	: ['NN', 'JJ']
apples	: ['NNS']	were	: ['VBD']
accessed	: ['VBN']	summarizations	: ['NNS', 'VBZ']
outcome	: ['NN']	bio-symbiosis	: ['NNS', 'JJ']
proactive	: ['NNP']	inferring	: ['VBG']
and	: ['CC', 'VB', 'NNS', 'NNP']	manufacture	: ['NN']
addressing	: ['JJ']	illness	: ['NN']
sup	: ['JJ']	tasted	: ['VBD']
generality	: ['RB']	dynamically	: ['RB', 'JJ']

Tita IIID_TiprogramitEonpooleE_	Total of Williams		2010-1-732-00 10112
expertise	: ['NN']	locations : ['NNS', 'NNP']	
generalization	: ['NN']	say : ['VB', 'VBP']	
quits	: ['VBZ']	recover : ['VB']	
any	: ['DT']	attribute-based : ['JJ']	
subsystems	: ['NNS']	offering : ['VBG']	
efficient	: ['JJ', 'NNP']	http://www.industrialinternetconsortium.org:	
['VBG']		•	
answering	: ['VBZ', 'VBG', 'NN']	de?nition : ['NN', 'NNP']	
ideas	: ['NNS']	note : ['NN']	
equipment	: ['NN']	ideal : ['JJ', 'NN']	
potential	: ['JJ', 'NN']	take : ['VB', 'VBP']	
repeatedly	: ['RB']	online : ['NN', 'JJ']	
objective	: ['JJ']	performance : ['NN', 'NNP']	
strengths	: ['NNS']	motivated : ['VBN']	
channel	: ['NN']	formulas : ['NNS']	
begin	: ['VB']	printer : ['NN']	
multiple	: ['JJ']	trace : ['VB']	
normal	: ['JJ', 'NNP']	track : ['NN']	
friedman	: ['NNP']	keeps : ['VBZ']	
paid	: ['VBN']	falls : ['VBZ']	
donation	: ['NN']	satisfying : ['VBG', 'JJ']	
importantly	: ['RB']	navigability : ['NN']	
interconnection	: ['NN']	sun : ['NN']	
concerning	: ['VBG']	pages : ['NNS']	
adaptability	: ['VB', 'NN']	especially : ['RB']	
room	: ['NN']	considered : ['VBN']	
average	: ['NN', 'JJ']	later : ['RB', 'JJ']	
implications	: ['NNS']	hungry : ['VBG']	
managing	: ['VBG', 'NNP']	intersection : ['VB', 'VBN', 'NN']	
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rsi	: ['NN', 'NNP']	wittrock : ['NNP']	
understandable	: ['JJ']	senior : ['JJ']	
duplication	: ['NN']	typically : ['RB']	
laws	: ['NNS']	message : ['NN']	
nls	: ['NNP']	shot : ['NN']	
show	: ['VB', 'VBP', 'NN']	german : ['NNP']	
use-cases	: ['NNP', 'NNS']	entity-relation : ['JJ']	
workshops	: ['NNS']	ruleid : ['NNP']	
gravitation	: ['NN']	commitments : ['NNS']	
discovered	: ['VBN', 'JJ', 'VBD']	interdependent : ['NN']	
spaces	: ['NNP', 'NNPS', 'NNS', 'NN', 'V		
decompositions	: ['NNS']	threshold : ['NN']	
extents	: ['NNS']	forecast : ['VB']	
imagined	: ['VBN']	fifth : ['JJ']	
ground	: ['NN']	xml : ['NN', 'JJ', 'NNP']	
hyperlinked	: ['JJ']	upgrade : ['VB']	
ratio	: ['NN']	lish : ['VB']	
title	: ['NN']	dick : ['NNP']	
proportion	: ['NN']	suggests : ['VBZ']	
Propor cron	•	• [VDZ]	

F:\Pn.D_1\program\Eclipse\CE	=_relation\wPFdic.txt		2016年7月20日 15:12
examples	: ['NNS']	analytic	: ['JJ']
only	: ['JJ', 'RB']	explicitly	: ['RB']
enriched	: ['VBN']	raising	: ['VBG', 'NN']
veri?cation	: ['NN']	essence	: ['NN']
invisible	: ['VB']	awareness	: ['NN']
appending	: ['VBG']	ranking	: ['VBG', 'JJ']
unavailable	: ['JJ']	correctly	: ['RB']
viewpoint	: ['NN']	get	: ['VB', 'VBP']
infallibly	: ['RB']	mission	: ['NN']
define	: ['VB']	state	: ['NN']
readablitiy	: ['RB']	mechanization	: ['NN']
classmateof	: ['NN']	pijl	: ['NN']
neither	: ['CC', 'DT', 'RB']	11,31	: ['CD']
closure	: ['VB', 'NN', 'NNP']	reveal	: ['VB']
regarding	: ['VBG']	resource	: ['RB', 'NN', 'VBD', 'JJ', 'IN', 'NNP']
artist	: ['NN']	covering	: ['VBG']
seldom	: ['RB']	versions	: ['NNS']
medial	: ['JJ']	summary	: ['RB', 'NN', 'NNP']
planned	: ['VBN']	subtype	: ['NN']
rt.	: ['VBN']	scientist	: ['NN']
predicted	: ['VBN']	mapped	: ['VBN']
link-based	: ['JJ']	pang	: ['NNP']
where	: ['VBP', 'WRB', 'NNP']	vision	: ['NN']
un-computable	: ['JJ']	ignored	: ['VBN']
lenzerini	: ['NNP']	interchange	: ['NNP']
physically	: ['RB']	re-emerge	: ['VB']
arouses	: ['VBZ']	statistic	: ['NN']
relative	: ['NN', 'JJ']	1921	: ['CD']
ce	: ['NNP']	actively	: ['RB']
college	: ['NN']	cim	: ['NNP']
parking	: ['NN']	1928	: ['CD']
top-level	: ['JJ']	natureq	: ['NN']
howe	: ['NNP']	concern	: ['VB', 'NN']
hilbert	: ['NN', 'NNP']	detect	: ['VBZ', 'VB', 'VBP', 'VBD']
estab	: ['VB']	inequalities	: ['NNS']
politic	: ['JJ']	ways	: ['NNS']
url-based	: ['JJ']	review	: ['VB', 'NN']
551	: ['CD']	definite	: ['JJ']
sites	: ['NNS']	navigated	: ['VBN']
sponsorship	: ['NN']	boundaries	: ['NNS']
older	: ['JJR']	behind	: ['IN']
indexed	: ['VBN']	invokes	: ['VBZ']
john 	: ['NNP']	between	: ['IN']
streaming	: ['NN']	navigates	: ['NNS']
geometric	: ['JJ']	reading	: ['VBG', 'NN', 'NNP']
across	: ['IN']	arrival	: ['NN']
infrastructure	: ['NN']	jobs	: ['NNS']
43	: ['CD']	parent	: ['NN']
controllable	: ['JJ']	originated	: ['VBN']

T.IFII.D_Typrogramitechipsetch		2010-	十/万20日 13.12
screen	: ['NN']	style : ['NN']	
supermarket	: ['NN']	analyzes : ['VBZ']	
offices	: ['NNS']	formalization : ['NN']	
analyzer	: ['NN']	analyzed : ['VBN']	
article	: ['NN']	cities : ['NNPS', 'NNS']	
come	: ['VB', 'VBP', 'VBN']	brahe : ['NNP']	
recall	: ['VBP', 'NN']	<pre>motivations : ['VBZ', 'NNS']</pre>	
reaction	: ['NN']	higher-energy : ['NN']	
acquiring	: ['JJ']	resides : ['VBZ']	
efficiency	: ['NN']	469 : ['NNP']	
many	: ['JJ']	region : ['NN']	
george	: ['NNP']	according : ['VBG']	
enabling	: ['VB', 'VBG']	propagation : ['NN']	
75	: ['CD']	mani : ['NNP']	
railway	: ['NN']	document-to-document: ['JJ']	
expression	: ['VB', 'NN']	adaption : ['NN']	
comes	: ['VBZ']	nearby : ['JJ']	
among	: ['IN']	unchanging : ['JJ']	
middle-level	: ['JJ']	stream : ['NN']	
color	: ['NN']	top-k : ['NN', 'JJ', 'NNP']	
period	: ['NN']	innovations : ['NNS']	
60	: ['CD']	61 : ['CD']	
62	: ['CD']	63 : ['CD']	
64	: ['CD']	stretched : ['VBN']	
learning	: ['VBG', 'NN']	67 : ['CD']	
68	: ['CD']	69 : ['CD']	
comprehend	: ['VBN']	keqiang : ['NNP']	
math	: ['NN']	considering : ['VBG']	
synergize	: ['VB']	state-of-the-art : ['JJ']	
normalizing	: ['VBG']	preserves : ['VBZ']	
shroff	: ['NNP']	capable : ['JJ']	
analogies	: ['NNS']	rebuild : ['VB']	
computing	: ['VBG', 'NN', 'NNP']	mark : ['VB', 'NN', 'NNP']	
3.3	: ['CD']	distinguishing : ['VB', 'VBG']	
pair	: ['NN']	declining : ['VBG']	
technical	: ['JJ']	linguistic : ['JJ']	
rebuilt	: ['VBN']	<pre>prototype : ['NN']</pre>	
speci?es	: ['VBZ']	fig : ['VB', 'NNP']	
engine	: ['NN']	28,47 : ['CD']	
direction	: ['NN']	<pre>enable : ['VB', 'VBP']</pre>	
transportation	: ['NN']	convincible : ['JJ']	
win-rose	: ['JJ']	sim_vec : ['JJ']	
formed	: ['VBN', 'VBD']	observers : ['NNS']	
photos	: ['NNS']	perceptions : ['NNS']	
file	: ['NN']	external : ['JJ', 'NNP']	
bayesian	: ['NN', 'NNP']	<pre>radio-frequency : ['JJ', 'NNP']</pre>	
irrelevant	: ['JJ']	former : ['JJ']	
those	: ['DT']	case : ['NN']	
dataspace	: ['NN', 'NNP']	disconnected : ['VBN']	

F:\Pn.D_1\program\Eclipse\CE_r	elation\wPFdic.txt		2016年7月20日 15:12
developing	: ['VBG']	these : ['DT']	
tractable	: ['JJ']	higher-ranking : ['JJ']	
profiles	: ['NNS']	n't : ['RB']	
www.w3.org/tr/owl-	features/: ['JJ']	ongoing : ['JJ']	
overcome	: ['VB']	policies : ['NNS']	
machine-level	: ['JJ']	situation : ['NN', 'NNP']	
finer	: ['NN']	methodologies : ['NNS']	
sub-schema	: ['JJ', 'NN', 'NNP']	enriches : ['VBZ']	
ir	: ['NNP']	scale-free : ['NN', 'JJ']	
conferences	: ['NNS']	eventually : ['RB']	
determination	: ['NN']	characteristics : ['NNS']	
real-world	: ['NN', 'JJ']	laozi : ['NNP']	
sub-coordinate	: ['NN']	cluster : ['VB', 'JJ', 'NN', '	NNP']
regularity	: ['NN']	someone : ['NN']	
embrace	: ['VB']	attributed : ['VBN']	
bridging	: ['VBG']	loosing : ['VBG']	
non-material	: ['JJ']	property : ['NN']	
technology	: ['NN']	everyday : ['NN']	
sameproject	: ['NN']	movements : ['NNS']	
binary	: ['JJ']	different : ['VBG', 'JJ', 'VBD']	
revolutions	: ['NNS']	develop : ['VB', 'VBP']	
combination	: ['NN']	200usd : ['CD']	
author	: ['VB', 'NN', 'NNP']	media : ['NNS']	
attribute	: ['NN', 'NNP']	same : ['JJ']	
intelligently	: ['RB']	html : ['JJ', 'NNP']	
speech	: ['NN']	externalizing : ['VBG']	
re?ect	: ['VB', 'VBP']	document : ['VB', 'NNP', 'NNS',	'NN', 'FW']
events	: ['NNS']	status : ['NN']	
autonomously	: ['RB']	summarizers : ['NNS', 'VBZ']	
extended	: ['VBN']	centuries : ['NNS']	
faculty	: ['NN']	n-dimensional : ['JJ']	
linktypes	: ['NNP', 'NNS']	cek : ['NNP']	
initialization	: ['VB', 'NN']	rfid : ['NNP']	
rebuilding	: ['VBG', 'NN']	x3 : ['NNP']	
www.dmoz.org	: ['JJ']	driven : ['VBN', 'JJ']	
persons	: ['NNS']	respected : ['JJ', 'VBD']	
edges	: ['NNS']	investigates : ['VBZ']	
fodor	: ['VB', 'NNP']	skip : ['VB']	
changing	: ['VBG', 'JJ']	invariance : ['NN']	
cr	: ['NNP']	xi/xj : ['NNP']	
weave	: ['VB', 'JJ', 'VBD']	relies : ['VBZ', 'NNS']	
obeyed	: ['VBN']	tracking : ['NN']	
varied	: ['VBN']	<pre>largely : ['RB']</pre>	
minimize	: ['VB']	macro : ['JJ', 'NN']	
markup	: ['NN', 'NNP']	no : ['DT', 'UH', 'RB']	
сср	: ['NNP', 'NN']	ccs : ['NNP']	
classi?cations	: ['VBZ', 'NNS', 'JJ']	without : ['IN']	
solve	: ['VB']	extensible : ['NNP', 'VBP', 'JJ',	'CD']
components	: ['NNS']	relied : ['VBN']	

I.IFII.D_NprogrammedipsetCL_i	elation(vvri dic.tx	. L		2010年7月20日 13.12
coordinate	: ['VB',	, 'NNS', 'JJ', 'NN', 'NNP']	model	: ['VB', 'NN', 'NNP']
comer	: ['NN']]	dimension	: ['JJ', 'NN', 'NNP']
researchers	: ['NNS'	']	36,44	: ['CD']
ck	: ['NNP'	', 'NNS']	meta-languages	: ['NNS']
execute	: ['VB']		panorama	: ['JJ']
colleague	: ['NN']]	being	: ['VBG', 'NN']
generally	: ['RB'		guided	: ['VBN', 'JJ']
adjusted	: ['VBN	·]	actress	: ['NN']
check	: ['VB',	, 'VBG']	participates	: ['VBZ']
recycled	: ['VBN		relevant	: ['VB', 'JJ']
aspect	: ['NN']		industry-leading	: ['JJ']
touch	: ['NN']]	excellent	: ['JJ']
speed	: ['VB',		guides	: ['VBZ', 'NNS']
captured	: ['VBN		insight	: ['NN', 'JJ']
heuristic	: ['NN',		overlapped	: ['VBN']
catalytic-support	: ['JJ']		secondly	: ['RB']
cancer	: ['NNP		grounded	: ['JJ', 'VBN']
thinking	: ['VBG'	', 'NN', 'NNP']	trigger	: ['VBP']
except	: ['IN'		empiricism	: ['VB', 'NN', 'NNP']
improvement	: ['NN']	-	priori	: ['VBG', 'JJ']
samples	: ['NNS		sk	: ['NNP']
complements	: ['VBZ'		extensive	: ['JJ']
structural	: ['JJ']		http://www.imscent	
styles	: ['NNS		mystery	: ['NN']
kupiec	: ['NNP'	-	aspects	: ['NNS', 'JJ']
around	: ['RB',		differentiation	: ['NN']
marcus	: ['NNP'		rules	: ['VBZ', 'VB', 'NNPS', 'NNS', 'NNP']
http://www.w3.org/			decomposed	: ['VBN']
pnetworks	: ['NNS'		topology	: ['NN', 'JJ', 'RB']
unveil	: ['VB']		early	: ['RB', 'JJ']
warehouse	: ['NN']		grid	: ['NN', 'NNP']
preference	: ['NN']		listening	: ['VBG']
symbolism	: ['NN']		world	: ['NN', 'NNP']
execution	: ['NN']		moreover	: ['RB']
co-evolves	: ['VBZ'		hereafter	: ['RB']
externalization		', 'NN', 'NNP']	satisfaction	: ['NN']
deduction		, 'NNS']	identifying	: ['VBG', 'RB']
suppliers	: ['NNS'		maintained	: ['VBN']
server	: ['NN']		facing	: ['VBG']
re-focusing	: ['JJ'		benefit	: ['VB', 'VBP', 'NN']
either		, 'DT', 'RB']	fully	: ['RB']
resolved	: ['VBN'		output	: ['VBZ', 'VB', 'NN']
internet-mediated	: ['JJ']	=	revision	: ['NN', 'NNP']
reduced	: ['VBN'		trying	: ['VBG']
grouping	: ['VBG'		evidencing	: ['VBG']
bankruptcies	: ['NNS'		satisfactory	: ['JJ', 'NNP']
rule2	: ['NNS'		66	: ['CD']
editorof		, 'VBN', 'VB', 'CD']	simulator	: ['NN']
existing		, van , va , cu] ', 'JJ']	truths	· [NNS']
EVIPCILLÀ	· [VBG	, 00]	CIUCIIS	· [CHIL]

The mb_reprogrammeonpoolet_rer	action to the control of the control			2010-17120-10112
sequences	: ['NNS']	competition	: ['NN']	
pk	: ['NN']	chronology	: ['NN']	
calculated	: ['VBN']	fall	: ['VBP']	
co-wave	: ['VBP']	shortcoming	: ['NN']	
co-constitution	: ['NN']	specified	: ['VBN']	
images	: ['NNS']	single-pass	: ['JJ']	
72	: ['CD']	organizing	: ['VBG', 'NNP']	
matching	: ['VBG', 'NN', 'JJ', 'NNP']	generates	: ['VBZ']	
provided	: ['VBN']	regina	: ['NNP']	
behavior-centered	: ['JJ']	mood	: ['NN']	
micro	: ['JJ']	memories	: ['NNS']	
symbiotic	: ['JJ']	recorded	: ['VBN']	
extensively	: ['RB']	considers	: ['VBZ']	
consuming	: ['VBG']	pioneer	: ['NNP']	
critical	: ['JJ']	decomposition	: ['VBZ', 'NN']	
bridges	: ['NNS']	provides	: ['VBZ']	
provider	: ['NN']	gradully	: ['RB']	
sim content	: ['NN', 'JJ']	semantically	: ['RB', 'JJ']	
understandings	: ['VBZ', 'NNS']	refer	: ['VBP', 'JJ']	
measuring	: ['VBG', 'NN']	specializing	: ['VBZ', 'VBG']	
felt	: ['VBN']	scientific	: ['JJ', 'NNP']	
power	: ['NN']	cliques	: ['NNS']	
seconds	: ['NNS']	sixth	: ['JJ']	
equivalent	: ['NN', 'JJ']	fitness	: ['NN']	
communicate	: ['VB']	broker	: ['NN']	
simplifications	: ['NNS']	modi?ed	: ['VBN']	
notably	: ['RB']	leadership	: ['NNP']	
computing.evolution		1935	: ['CD']	
datamining	: ['NNP']	sixty	: ['JJ']	
i.e.	: ['NNP', 'UH', 'RB', 'FW']	ontology	: ['JJ', 'RB', 'NN', 'NNP']	
complementation	: ['NN']	comparison	: ['NN', 'NNP']	
ok	: ['NN']	oj	: ['NN']	
origins	: ['NNS']	stations	: ['NNS']	
of	: ['IN']	industry	: ['NN']	
theorems	: ['NNS', 'NNP']	discussed	: ['VBN', 'JJ', 'VBD']	
generated	: ['VBN', 'JJ', 'VBD']	acm	: ['NNP']	
thousands	: ['NNS']	practical	: ['JJ']	
mutually	: ['RB']	wolf	: ['NNP']	
greatly	: ['RB']	neighbor	: ['NN']	
act	: ['VB', 'NN']	discusses	: ['VBZ']	
or	: ['CC', 'NNP']	road	: ['NN']	
heavy	: ['JJ']	rss	: ['NNP']	
locally	: ['RB']	film	: ['NN']	
inclusion	: ['NN']	communication	: ['NN']	
image	: ['JJ', 'NN']	sql	: ['NNP']	
color-coded	: ['JJ']	exploiting	: ['VBG']	
references	: ['NNS', 'NNP']	predictive	: ['JJ']	
determine	: ['VB', 'VBP']	einstein	: ['NNP']	
cikm2012	: ['NN']	shrinking	: ['JJ', 'VBG']	
		2y		

Theoretically	1.1FII.D_Nprogram.LcnpsetCL_re	iation(vvi i dic.tx	\\		2010年7月20日 13.12
part of	theoretically	: ['NNP	']	9,24	: ['CD']
part of	performing	: ['VBG	']	logics	: ['NNS', 'RB']
there : ['EX']	part-of	: ['NNP	']	forwarded	
there : ['EX']	area	: ['NN'	, 'NNP']	removing	: ['VBG', 'JJ']
Sampling NNF'	there			2	
Dow ['Mar'] Dow ['Jul'] Sale ['War'] Sale	sampling			-	
Dot	= = =				
sale : ['NN'] cog/anl : ['PR'] combined : ['NEN'] tight : ['JJ'] complete : ['JJ'] complete : ['JJ'] human-data : ['JJ'] enough : ['JJ'] human-data : ['JNF] regard : ['WP', 'VBP', 'NN'] wernicke : ['NNF'] regard : ['WP', 'VBP', 'NN'] younger : ['JZR'] co-occurrence : 'JJ', 'NNT'] philosophera : ['NNS'] systematically : 'RE' correlated : ['VNN] technologies : 'NNT'] pramote : ['NNT] technologies : 'NNT'] graedel : ['NNT] shannon : ['NNT'] graedel : ['NNT'] polymence : ['NNT'] enthededel : ['NNT'] polymence : ['NNT'] default : ['NNT'] cocker : ['NNT'] resolving : ['NNT'] unveils : ['NNT'] exemplar : ['NNT] unveils : ['NNT']					
Esik					
combined : ['JJ'] complete : ['JJ'] human-data : ['JJ'] complete : ['JJ'] wernicke : ['NNP'] enough : ['JJ'] younger : ['JJK'] co-occurrence : ['JJ', 'NN'] philosophers : ['NNP'] systematically : ['RB'] correlated : ['YB'] 1599 : ['CD'] graedel : ['NNP'] shannon : ['NNP'] multi-space : ['YB', 'JJ'] polymens : ['NNP'] embedded : ['YBN', 'JJ'] n. : ['NNP'] default : ['NNI'] cooker : ['NNI'] default : ['NNI'] cooker : ['NNI'] behavior-based : ['YBT', 'NJ] arranges : ['NNI'] behavior-based : ['NNI'] arranges : ['NNI'] subclasses : ['NNI'] dr.r.radev : ['NNI'] wants : ['YBE'] strongly : ['RB'] wants : ['YBE'] arranges : ['NNI']		_		=	
man-computer ['JJ'] complete ['JJ'] human-data ['JJ'] enough : ['VP', 'VRF', 'NN'] wenicke ! ['MNF'] regard : ['VP', 'VRF', 'NN'] philosophers ! ['NNS'] systematically : ['RI'] correlated ! ['VSI'] systematically : ['RI'] promate ! ['VSI'] shannon : ['INN'] graedel ! ['NN'] shannon : ['INN'] multi-space ! ['VSI'] shannon : ['INN'] arranged ! ['VSI'] n. : ['VRI'] mehedad ! ['VSI'] n. : ['NN'] default ! ['NN'] rsil : ['NN'] resolving ! ['VSI'] unveils : ['NN'] behavior-based ! ['NI'] arranges : ['NN'] exemplar ! ['NN'] d.r.radev : ['NN'] exemplar ! ['NN'] d.r.radev : ['NN'] exemplar ! ['NN'] strongly ! ['RP'] wants					
human-data : ['JJ'] enough : ['JJ'] wernicke : ['NR'] regard : ['VB', 'NEP', 'NN'] younger : ['JR'] co-occurrence : ['VB', 'NN'] philosophers : ['NNS'] systematically correlated : ['VBN'] technologies : ['NNS'] promote : ['VB'] 1599 ['VBC] graedel : ['NNF'] shannon : ['NNF'] arranged : ['VBN'] polymenes : ['NNF'] arranged : ['VBN'] n. : ['NNF'] default : ['NN'] cooker : ['NNT'] default : ['NNF] cooker : ['NNT'] behavior-based : ['NNT'] arranges : ['VBZ'] behavior-based : ['NNT'] arranges : ['NNS'] behavior-based : ['NNT'] arranges : ['NNS'] subclasses : ['NNS'] beliefs : ['NNS'] wants : ['YBZ'] ranges : ['NNS'] wants : ['YB		_	_		
wernicke : ['NBf'] regard : ['VBF', 'NBF'] younger : ['JJI'] co-occurrence : ['JJI, 'NNS'] philosophers : ['NSB'] systematically : ['RBF'] correlated : ['VBF'] 1599 : ['CD'] promote : ['NBF'] shannon : ['NBF'] graedel : ['VBF', 'JJ'] polynemes : ['VBF'] multi-space : ['VBF', 'JJ'] n. : ['NBF'] extranged : ['VBF', 'JJ'] n. : ['NBF'] embedded : ['VBF', 'JJ'] rsil : ['NBF'] default : ['VBG'] unvails : ['VBE'] behavior-based : ['JJ'] arranges : ['VBE'] exemplar : ['NNF'] d.r.radev : ['NBF'] exemplar : ['NNF'] stongly : ['NBF']	-			=	
younger : ['JJ', 'NN'] co-occurrence : ['JJ', 'NN'] philosophers : ['NN'] systematically ! 'NB'] correlated : ['VB'] technologies : ['NN'] promote : ['VB'] 1599 : ['CD'] graded : ['VB', 'JJ'] shannon : ['NNP'] multi-space : ['VB', 'JJ'] n. : ['NN', 'JJ', 'NNP'] embedded : ['VBN', 'JJ'] rsil : ['NN', 'JJ', 'NNP'] default : ['NN', 'JJ'] rsil : ['NN', 'JJ', 'NNP'] each vine-based : ['VBC'] unveils : ['VBZ'] behavior-based : ['NN'] dr.radev : ['NNP'] exemplar : ['NN'] dr.radev : ['NNP'] exemplar : ['NN', 'NP'] strongly : ['RB'] examic : ['VB', 'WB'] strongly : ['RB'] examic : ['NN', 'NP'] strongly : ['RB'] ong : ['NN', 'NP'] strongly : ['RB'] extinct : ['NN', 'NP'] strongly		_		3	
Deliosophers ['NNS']				=	
Correlated Cor					
promote : ['VB']	——————————————————————————————————————				
graedel		_	_		
multi-space : ['VBY,' JJ']	<u>-</u>	_			
arranged : ['VBN', 'JJ']	2				
embedded : ['NN', 'JJ'] rsii : ['NNP'] default : ['NN'] cooker : ['NN'] resolving : ['VBG'] unveils : ['VBZ'] behavior-based : ['UJ'] arranges : ['NNF'] swemplar : ['NNS'] d.r.radev : ['NNF'] subclasses : ['NNS'] beliefs : ['NNS'] connect : ['WEZ'] ranges : ['NNS'] yants : ['WEZ'] ranges : ['NNS'] yants : ['WEZ'] ranges : ['NNS'] yoldos : ['NNS', 'FW'] ai : ['NNN'] yoldos : ['NNS', 'FW'] ai : ['NNN', 'NNP'] am : ['YBP'] al : ['NNT', 'NNP'] am : ['YBP'] al : ['NN'] imagination : ['NN', 'NNP'] as : ['NN'] at : ['NN', 'NNP'] tasty : ['NN'] formulation : ['NN', 'NNP'] stauses : ['NNS'] completeness : ['NN', 'NN	-				
default : ['NN'] cooker : ['NN'] resolving : ['VBG'] unveils : ['VBZ'] behavior-based : ['NN'] arranges : ['NBZ'] exemplar : ['NNS'] beliefs : ['NNP'] subclasses : ['NNS'] beliefs : ['NNS'] connect : ['VBZ'] strongly : ['RB'] wants : ['VBZ'] ranges : ['NNS'] gong : ['NNP'] replacing : ['VBG'] videos : ['NNS', 'FW'] ai : ['NNS', 'NPC'] am : ['UBP'] al : ['NNP'] am : ['UBP'] al : ['NNP'] am : ['UBT'] ch : ['NN'] imagination : ['NN', 'NNP'] as : ['RB'] at : ['NN', 'NNP'] as : ['RB'] reliability : ['NN', 'NNP'] satuses : ['NNS'] formulation : ['NN'] statuses : ['NNS'] regiability : ['NN'] statu	=				
resolving : ['VEG'] unveils : ['VEZ'] behavior-based : ['JJ'] arranges : ['VEZ'] exemplar : ['NN'] d.r.radev : ['NNP'] subclasses : ['NNS'] beliefs : ['NNS'] connect : ['VB', 'VBP'] strongly : ['RE'] wants : ['VEZ'] ranges : ['NNS'] gong : ['NNNP'] replacing : ['VBG'] videos : ['NNS', 'FW'] ai : ['NN', 'NNP'] am : ['JJ'] citation : ['NNS', 'VBG', 'NN', 'NNP'] an : ['VBP'] al : ['NNP'] an : ['DT'] ch : ['NNP'] reliability : ['NN', 'NNP'] ch : ['NN'] reliability : ['NN', 'NNP'] tasty : ['JJ'] at : ['IN'] planets : ['NNS'] formulation : ['NN', 'NNP'] statuses : ['NNS'] guiber : ['NNP'] statuses : ['NNS'] again : ['RB'] assessing : ['VBG'] completeness : ['VB, 'NNS'] d.0 : ['VBG'] completeness : ['NN'] green : ['NNP'] novice : ['NN'] field : ['NNP'] multi-level : ['JJ'] implied : ['NNP'] clauset : ['NNP'] spatial : ['JJ'] mathematics : ['NNP', 'NNI'] you : ['PRP'] mutww.w3.org/tr/2004/ : ['OD']					
behavior-based : ['JJ'] arranges : ['NNP'] exemplar : ['NNS'] d.r.radev : ['NNS'] subclasses : ['NNS'] beliefs : ['NNS'] connect : ['VB', 'VBP'] strongly : ['RB'] wants : ['VBZ'] strongly : ['NNS'] gong : ['NNF'] replacing : ['VBG'] videos : ['NNS', 'FW'] ai : ['NNS'] certain : ['NNS', 'FW'] ai : ['NNF'] am : ['VBP'] al : ['NNF'] an : ['NNF'] al : ['NNF'] imagination : ['NN', 'NNP'] as : ['NB', 'NN'] reliability : ['NN', 'NNF'] tasty : ['JD'] formulation : ['NN', 'NNF'] tasty : ['NNS'] formulation : ['NN'] statuses : ['NNS'] gapain : ['RB'] assessing : ['VBG'] completeness : ['NN', 'NNF'] 4.0 : ['VBG'] cyberspaceq					
exemplar : ['NN']	3	_			
subclasses : ['NNS'] beliefs : ['NRS'] connect : ['VB', 'VBP'] strongly : ['RB'] wants : ['VBZ'] ranges : ['NNS'] gong : ['NNP'] replacing : ['VBG'] videos : ['NNS', 'FW'] ai : ['NNP'] certain : ['JJ'] citation : ['NNP'] am : ['VBP'] al : ['NNP'] am : ['NN', 'NNP'] as : ['NPP'] an : ['NN', 'NNP'] as : ['RB'] reliability : ['NN', 'NNP'] as : ['NB'] reliability : ['NN'] planets : ['NNS'] remulation : ['NN'] as : ['NB'] remulation : ['NB'] assessing : ['NB'] remulation : ['NB'] <				=	
<pre>connect : ['VB', 'VBP']</pre>					
<pre>wants : ['VBZ']</pre>					
gong : ['NNP'] replacing : ['VBG'] videos : ['NNS', 'FW'] ai : ['NNS', 'NNP'] certain : ['JJ'] citation : ['NNS', 'VBG', 'NN', 'NNP'] am : ['VBP'] al : ['NNP'] an : ['INT'] ch : ['NN'] imagination : ['NN', 'NNP'] as : ['RB', 'IN'] reliability : ['NN', 'NNP'] tasty : ['JJ'] at : ['NN', 'NNP'] planets : ['NNS'] formulation : ['NN'] planets : ['NNS'] again : ['NNP'] statuses : ['NNS'] again : ['RB'] assessing : ['VBG'] completeness : ['VB', 'NNS'] 4.0 : ['VBG'] cyberspaceq : ['NN'] green : ['NB'] novice : ['NN'] green : ['VBC'] replaction : ['NN'] implied : ['NN'] multi-level : ['NN'] spatial : ['JJ'] www.w3.org/tr/2004/					
videos : ['NNS', 'FW'] ai : ['NN', 'NNP'] certain : ['JJ'] citation : ['NNS', 'VBG', 'NN', 'NNP'] am : ['VBP'] al : ['NNP'] an : ['DT'] ch : ['NN'] imagination : ['NN', 'NNP'] as : ['NN'] reliability : ['NN', 'NNP'] tasty : ['JJ'] at : ['IN', 'NNP'] tasty : ['JJ'] at : ['IN'] planets : ['NNS'] formulation : ['NN'] lifetime : ['VBP', 'NN'] gruber : ['NNP'] statuses : ['NNS'] again : ['RB'] completeness : ['VB', 'NNS'] 4.0 : ['VBG'] completeness : ['NN'] course : ['NNP'] novice : ['NN'] green : ['VBZ', 'JJ', 'NNP'] multi-level : ['JJ'] implied : ['VBR'] clauset : ['NNP'] spatial : ['JJ'] mutheratics : ['NNP'] spatial : ['JJ'] mutheratics : ['NNS', 'NN'] you : ['PRP'] www.w3.org/tr/2004/: ['CD'] immunity : ['NN']				-	
certain : ['JJ'] citation : ['NNS', 'VBG', 'NN', 'NNP'] am : ['VBP'] al : ['NNP'] an : ['DT'] ch : ['NN'] imagination : ['NN', 'NNP'] as : ['RB', 'IN'] reliability : ['NN', 'NNP'] tasty : ['JJ'] at : ['IN'] planets : ['NNS'] formulation : ['NN'] lifetime : ['VBF', 'NN'] gruber : ['NNP'] statuses : ['NNS'] again : ['RB'] assessing : ['VBG'] completeness : ['VB', 'NNS'] 4.0 : ['VBG'] cyberspaceq : ['NN'] course : ['NNP'] novice : ['NN'] green : ['YBZ', 'JJ', 'NNP'] multi-level : ['JJ'] implied : ['VBN'] clauset : ['NNP'] spatial : ['JJ'] mathematics : ['NNP'] immunity : ['NN'] www.w3.org/tr/2004/ : ['CD'] immunity : ['NN']	2 2			= =	
am : ['VBP'] al : ['NNP'] al : ['NNP'] al : ['NNP'] an : ['NN', 'NNP'] as : ['NN', 'NNP'] as : ['NN', 'NNP'] as : ['NNS'] and in a control of the control of					
an : ['DT']					
<pre>imagination : ['NN', 'NNP']</pre>		_			
reliability : ['NN', 'NNP'] tasty : ['JJ'] at : ['IN'] planets : ['NNS'] formulation : ['NNP'] lifetime : ['VBP', 'NN'] gruber : ['NNP'] statuses : ['NNS'] again : ['RB'] assessing : ['VBG'] completeness : ['VB', 'NNS'] 4.0 : ['VBG'] cyberspaceq : ['NN'] course : ['NNP'] novice : ['NN'] green : ['VBZ', 'JJ', 'NNP'] ?lm : ['NN'] field : ['NN', 'NNP'] multi-level : ['JJ'] implied : ['VBN'] clauset : ['NNP'] spatial : ['JJ'] mathematics : ['NNS', 'NN'] you : ['PRP'] www.w3.org/tr/2004/ : ['CD'] immunity : ['NN']		_			
at : ['IN'] planets : ['NNS'] formulation : ['NN'] lifetime : ['VBP', 'NN'] gruber : ['NNP'] statuses : ['NNS'] again : ['RB'] assessing : ['VBG'] completeness : ['VB', 'NNS'] 4.0 : ['VBG'] cyberspaceq : ['NN'] course : ['NNP'] novice : ['NN'] green : ['VBZ', 'JJ', 'NNP'] ?lm : ['NN'] field : ['NN', 'NNP'] multi-level : ['JJ'] implied : ['VBN'] clauset : ['NNP'] spatial : ['JJ'] mathematics : ['NNS', 'NN'] you : ['PRP'] www.w3.org/tr/2004/ : ['CD'] immunity : ['NN']					
formulation : ['NN'] lifetime : ['VBP', 'NN'] gruber : ['NNP'] statuses : ['NNS'] again : ['RB'] assessing : ['VBG'] completeness : ['VB', 'NNS'] 4.0 : ['VBG'] cyberspaceq : ['NN'] course : ['NNP'] novice : ['NN'] green : ['VBZ', 'JJ', 'NNP'] ?lm : ['JJ'] field : ['NN', 'NNP'] multi-level : ['JJ'] implied : ['VBN'] clauset : ['NNP'] spatial : ['JJ'] mathematics : ['NNS', 'NN'] you : ['PRP'] www.w3.org/tr/2004/ : ['CD'] immunity : ['NN']	_			<u>=</u>	
gruber : ['NNP'] statuses : ['NNS'] again : ['RB'] assessing : ['VBG'] completeness : ['VB', 'NNS'] 4.0 : ['VBG'] cyberspaceq : ['NN'] course : ['NNP'] novice : ['NN'] green : ['VBZ', 'JJ', 'NNP'] ?lm : ['NN'] field : ['NN', 'NNP'] multi-level : ['JJ'] implied : ['VBN'] clauset : ['NNP'] spatial : ['JJ'] mathematics : ['NNS', 'NN'] you : ['PRP'] www.w3.org/tr/2004/ : ['CD'] immunity : ['NN']				=	
again : ['RB'] assessing : ['VBG'] completeness : ['VB', 'NNS'] 4.0 : ['VBG'] cyberspaceq : ['NN'] course : ['NNP'] novice : ['NN'] green : ['VBZ', 'JJ', 'NNP'] ?lm : ['NN'] field : ['NN', 'NNP'] multi-level : ['JJ'] implied : ['VBN'] clauset : ['NNP'] spatial : ['JJ'] mathematics : ['NNS', 'NN'] you : ['PRP'] www.w3.org/tr/2004/ : ['CD'] immunity : ['NN']					
completeness : ['VB', 'NNS'] 4.0 : ['VBG'] cyberspaceq : ['NN'] course : ['NNP'] novice : ['NN'] green : ['VBZ', 'JJ', 'NNP'] ?lm : ['NN'] field : ['NN', 'NNP'] multi-level : ['JJ'] implied : ['VBN'] clauset : ['NNP'] spatial : ['JJ'] mathematics : ['NNS', 'NN'] you : ['PRP'] www.w3.org/tr/2004/ : ['CD'] immunity : ['NN']	=				
cyberspaceq : ['NN'] course : ['NNP'] novice : ['NN'] green : ['VBZ', 'JJ', 'NNP'] ?lm : ['NN'] field : ['NN', 'NNP'] multi-level : ['JJ'] implied : ['VBN'] clauset : ['NNP'] spatial : ['JJ'] mathematics : ['NNS', 'NN'] you : ['PRP'] www.w3.org/tr/2004/ : ['CD'] immunity : ['NN']		_			
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multi-level : ['JJ'] implied : ['VBN'] clauset : ['NNP'] spatial : ['JJ'] mathematics : ['NNS', 'NN'] you : ['PRP'] www.w3.org/tr/2004/ : ['CD'] immunity : ['NN']					
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www.w3.org/tr/2004/ : ['CD'] immunity : ['NN']				-	
10 • ['CD'] • noor • ['II']					
. [CD] POOT . [OO]	10	: ['CD']	poor	: ['JJ']

Tim his_hiprogrammeonpoonet_	- Gladiometri i alottat		2010-1,11201 10.12
requested	: ['VBN']	non-symbol	: ['JJ']
separate	: ['JJ']	students	: ['NNS']
airplanes	: ['NNS']	symbol	: ['NN']
vertex	: ['NN']	independency	: ['NN']
a.	: ['NN', 'NNP']	a1	: ['JJ', 'NNP', 'CD']
a3	: ['CD', 'NNP']	important	: ['JJ']
a4	: ['NNP']	coverage	: ['NN']
requester	: ['NN']	included	: ['VBN']
funding	: ['VBG', 'NN']	spouse	: ['NN']
ors2	: ['NNP']	flexible	: ['JJ']
missed	: ['VBN']	building	: ['VBG', 'NN']
tiger	: ['NN', 'CD']	multi-medias	: ['JJ']
conceptualizing	: ['NN']	partitioned	: ['VBN']
scenes	: ['NNS']	curve	: ['NN']
c1p	: ['NNP']	internalized	: ['VBN']
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nelson	: ['NNP']	resembles	: ['VBZ']
directory	: ['NN', 'NNP']	nutrient	: ['JJ']
cps	: ['NNP']	starting	: ['VBG', 'JJ']
original	: ['JJ', 'NNP']	classical	: ['JJ']
surge	: ['NN']	finally	: ['RB']
represent	: ['VB', 'VBP']	all	: ['DT', 'PDT', 'RB']
reorganized	: ['VBN']	semantic	: ['VBZ', 'VB', 'JJ', 'NN', 'NNP']
consider	: ['VB']	pointing	: ['VBG']
search/surf/zoom	: ['VB']	caused	: ['VBN']
er	: ['NNP']	lack	: ['VBP', 'NN']
kckeown	: ['NNP']	sourceforge.net/p	projects/wvtool: ['JJ']
executing	: ['VBG']	browsers	: ['NNS']
generalize	: ['VB']	cooperative	: ['JJ']
assessment	: ['NNP']	dish	: ['NN']
follow	: ['VBP']	expressions	: ['NNS']
coauthor	: ['NN']	decisions	: ['NNS']
reasoning	: ['VBG', 'NN', 'VBD', 'JJ', 'VBZ'	, 'NNP']causes	: ['VBZ', 'NNS']
duplicated	: ['JJ', 'NN']	rd	: ['NNP']
3-dimensional	: ['JJ']	apartment	: ['NNP', 'NN']
referring	: ['VBG']	re	: ['NNP']
tv	: ['NN']	watch	: ['VB']
equivalence	: ['NN']	opportunities	: ['NNS']
removal	: ['NN']	tn	: ['NN']
to	: ['TO', 'IN']	program	: ['NN']
preserved	: ['VBN', 'RB']	ontologists	: ['JJ']
ti	: ['NNP', 'NN']	life-cycle	: ['JJ']
nodes	: ['VBZ', 'VB', 'NNS', 'JJ']	heterogeneity	: ['RB']
homepage	: ['NN', 'NNP']	sameeditor	: ['NN']
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belonging	: ['VBG']	relieve	: ['VB']
dellink	: ['NN', 'NNP']	returned	: ['VBN', 'JJ']
straightforward	: ['JJ']	song	: ['NN']
very	: ['RB']	disjoin	: ['VB', 'NN', 'NNP']

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saved	: ['VBN']	domain-specific	: ['JJ']
smartphones	: ['NNS']	invent	: ['VB']
problem-solving	: ['JJ', 'NNP']	davisapril	: ['NNP']
han	: ['NNP']	ticket	: ['NN']
difference	: ['NN']	rn	: ['VB', 'NNP', 'NN', 'FW']
condition	: ['NN']	leads	: ['VBZ', 'NNS']
neurological	: ['JJ']	induced	: ['NNP']
accompanying	: ['VBG']	stimulus	: ['NN']
louis	: ['NNP']	globality	: ['RB']
friendof	: ['NN']	list	: ['NN']
joined	: ['VBN']	t0	: ['NNS']
rationally	: ['RB']	large	: ['JJ']
dataflow	: ['JJ']	adjust	: ['VB']
small	: ['JJ']	biological	: ['JJ']
workloads	: ['NNS']	inorganic	: ['JJ']
super-linked	: ['JJ', 'VBN']	20th	: ['JJ']
reemerge	: ['VB']	meta-model	: ['VBZ', 'NN']
titled	: ['NNP', 'VBN']	meta-cognition	: ['NN']
ten	: ['CD']	abstracted	: ['VBN', 'JJ']
tea	: ['NN']	adoptability	: ['NN']
perspectives	: ['NNS']	past	: ['NN', 'JJ']
do	: ['VB', 'VBP']	rate	: ['NN']
invention	: ['NN']	design	: ['VB', 'NN', 'NNP']
displays	: ['VBZ', 'NNS']	pass	: ['VB']
further	: ['RB', 'RBR', 'JJ']	functioning	: ['VBG', 'NN']
china.beijing	: ['NNP']	situated	: ['VBN']
subclass	: ['NNS', 'NN', 'NNP']	ghemawat	: ['NNP']
internet-of	: ['NNP']	what	: ['WDT', 'WP']
nonlinear	: ['NN']	cues	: ['NNS']
causally	: ['RB']	consumers	: ['NNS']
subschema	: ['NN']	fusing	: ['VBG', 'NN']
section	: ['NN', 'NNP']	brief	: ['JJ']
overload	: ['NN']	,1969	: ['CD']
version	: ['NN']	attitudes	: ['NNS']
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scientists	: ['NNS']	mutual-influence	: ['NN']
1-star	: ['JJ']	learned	: ['VBN']
hear	: ['VBP']	xml&w	: ['NNP']
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movement	: ['NN']	revealing	: ['VBG']
object-attribute-v		full	: ['JJ']
self-evolutionary	: ['JJ', 'VB']		: ['NNS']
-		tags	
ma component	: ['NNP']	promising 1948	: ['JJ'] : [ICD']
component	: ['NN']		: ['CD']
answers	: ['VBZ', 'NNS']	behaviour	: ['NN']
economists	: ['NNS']	simon	: ['NNP']
threads	: ['NNS', 'NNP']	compressed	: ['VBN', 'JJ']
databases	: ['NNS']	directions	: ['NNS']
standard	: ['NN', 'JJ']	observing	: ['VBG']

The mb_mbrogrammeonpooner_rolation	THE THE STATE OF T		2010
high-rank :	['JJ']	applicable	: ['JJ']
=	['NN', 'NNP']	search	: ['VB', 'NN', 'JJ', 'NNP']
-	['VBZ', 'VBG', 'NN']	provably	: ['RB']
=	['VB']	zoom-in	: ['NNP', 'VBG', 'JJ', 'CD']
	['VBD', 'VBN', 'NNP']	stretching	: ['VBG']
=	['VBZ']	experience	: ['VB', 'VBP', 'NN', 'NNP']
discoveries :	['NNS']	host	: ['VB']
	['JJ', 'RB']	amount	: ['NN']
	['NN', 'NNP']	simply	: ['RB']
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-	['NN']	provable	: ['JJ']
common-sense :	['NN']	narrow	: ['JJ']
	['VBZ', 'NNS']	uniquely	: ['RB']
-	['VB']	via	: ['IN']
	['JJ']	family	: ['NN']
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= =	['VBG', 'NNP']	taken	: ['VBN']
	['RB']	+3	: ['CD']
_	['RBR', 'JJR']	lowering	: ['VBG']
	['NNS']	door	: ['NN']
=	['VBZ']	abridged	: ['JJ']
	['NNP']	operators	: ['NNP']
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	['VBG']	cm	: ['NNP']
-	['VBG']	vn	: ['NN']
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	['VBN', 'JJ']	instanceof	: ['NN']
	['RB']	evolves	: ['VBZ', 'NNS']
-	['VBG']	middle	: ['JJ']
machine-data-machine:		science	: ['VB', 'NN', 'NNP']
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-	['JJ']	besides	: ['IN']
-	['VBP']	paragraph	: ['NN']
	['JJ']	indicating	: ['VBG']
	['VBN', 'JJ']	learn	: ['VB', 'VBP']
	['NNS']	fulfil	: ['VB']
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Tita mb_riprogramizonpoorez_rolat		ii i dioitat					_ `)10-1-1/12-D 10:12
male	: ['NN',	'JJ', 'NNP']	specialized	:	['VBN',	'JJ']	
history		'VB',		compare		['VB']		
-		'RB']	-	challenging		['VBG']		
impacts	: ['NNS']		scan	:	['VB']		
szalay	-	'JJ']		correctness	:	['NNS',	'JJ', 'NN']	
share	-	_	'VBP', 'NN']	human-to-data		['NN', '		
accept		'VB']	, -	states		['NNPS',		
primitives		'NNS']		minimum			'VBN', 'NN', 'NNP']	
attain		'VB']		sense			'VBP', 'NN']	
exclude		'VBP']		internalizing		['VBG']	,	
lacks	-	'VBZ']		distributions		['NNS']		
species	-	'NNS']		axis			'NNS', 'JJ', 'NNP']	
identi?ed		'VBN']		information			'NN', 'NNP']	
needs	-	_	'NNS']	human?machine		['JJ']	,	
recursive		'NNS']		awkward		['JJ']		
creater		'NN']		rather		['RB']		
plans		'NNS']		orthogonal			'RB', 'NN']	
e12	-	-	'CD', 'NNP']	+1		['CD']		
maps			'VBD']	transfers		['VBZ']		
http://www.google.or				influence			: ['VBZ', 'NNS']	
attaching		'VBG']		bit		['NN', '		
explains		'VBZ']		raschia		['NNP']	IVD]	
_		'NNS']		?rst			'VBP', 'NN', 'JJ']	
ubiquitous				tried		['VBD']	VBF , NN , 00]	
wirth			'NNP']	algebra			ININD!	
		'NNP']		2		['NN', '		
space?artifact		'JJ']	'JJ']	prs1 mapping		['NNP',	'VBG', 'NN', 'NNP']	
			'NN']	reflect		['VB','		
questioning			IVIV]	tries			VDF]	
panoramic		'JJ']		adventure		['VBZ']		
action-centered		'JJ']				['NN']		
sold	-	'VBN']		coming		['VBG']		
verified	-	'VBN']		derives		['VBZ']		
lifecycle		'NN']		deluxe		['JJ']		
shortcomings		'NNS']		short		['JJ']		
shortening		'VBG']		documentation		['NN']		
actuators.it	-	'NN']		anytime		['RB']		
brynjolfsson		'VB']		mislead		['VB']		
+5	-	'CD']		broadcasting		['NN']		
co-exist		'VB']		specifying		['VBG']		
fundamental	-	' JJ']		pay		['VBP']		
facebook	-	'NNP']		egg		['NN']		
retrieval			'NN']	bene?ts		['NNS']		
ins		'NN']		rayport	:	['NNP']		
help			'VBP', 'NN']	hierarchy		['NN']		
developed			'VBD']	hypertext	:	['VB', '	'NN', 'NNP']	
s5		'NNP']		pronomes		['NNS']		
held	: ['VBN']		www.w3.org/2004/owl/	/:	['NNP']		
paper	: ['NN',	'NNP']	through		['RP', '	'IN']	
braher	: ['NNP']		filters	:	['NNS']		

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: ['NNP', 'VB', 'NNS', 'VBN']
v1
                                                             existence
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its
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                                                             developer
                                                                                  : ['NN']
2.4
                                                             25
                     : ['CD']
                                                                                  : ['CD']
26
                     : ['CD']
                                                             27
                                                                                  : ['CD']
                                                             21
rapidly
                     : ['RB']
                                                                                  : ['CD']
22
                     : ['CD']
                                                             23
                                                                                  : ['CD']
entscheidungsproblem: ['NNP']
                                                             solvina
                                                                                  : ['VBG']
28
                     : ['CD']
                                                             29
                                                                                  : ['CD']
actually
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detected
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                                                            verifies
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microscopic
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                                                                                  : ['NNPS', 'NNS']
relate
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                                                             epistemological
                                                                                  : ['JJ']
synthesize
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                                                                                  : ['MD']
alter
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fool
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                                                            pursue
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good
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                                                             planetary
                                                                                  : ['JJ']
generously
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                                                                                  : ['VBG']
food
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                                                                                  : ['NNP']
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                                                                                  : ['NNS']
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develops
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finite
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                                                             products
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                                                                                  : ['VBN']
loosely
                     : ['VB', 'RB']
                                                            instruct
                                                                                  : ['VB', 'VBP']
capability
                     : ['NN']
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                                                                                  : ['NNP']
habits
                     : ['NNS']
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                                                                                  : ['VB', 'NNPS', 'VBG', 'JJ', 'NN', 'VBD', 'CD', 'RB',
'VBZ', 'NNS', 'NNP']
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co-occur
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                                                                                  : ['NNP']
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                                                                                  : ['VBN']
incompatible
                     : ['VB']
                                                             friendship
                                                                                  : ['NN']
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e11
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                                                                                  : ['NNP', 'JJ', 'VBD']
                                                             49,50
weight
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generation
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                                                                                  : ['NN']
energy
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                                                            hard
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personalization
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operation
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                                                                                  : ['IN']
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event
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                                                                                  : ['VB', 'NN']
co-constitute
                     : ['JJ']
                                                            initiatives
                                                                                  : ['NNS']
divide
                     : ['VBP']
                                                             psvchologv
                                                                                  : ['NN']
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Color	1 .\FII.D_T\piogram\ccipse\cc_	Telation(VVF) uit	U.LAL					.010年7月20日 15.12
Page	join	: ['VE	B', 'NN', 'VBP	', 'JJ', 'VBZ', '	NNP']item	: ['	'NN']	
Denotes ['VE2']	unnatural	: ['JJ	ŗ ']		since	: ['IN']]	
	redo	: ['VE	3']		publish	: ['VB',	, 'UH', 'JJ']	
Denoted	denotes	: ['VE	BZ']		participants	: ['NNS'	']	
Denefit	health	: ['NN	', 'NNP']		hill	: ['NN']]	
coccurs : [VBG'] stentions : [NN'] semiotic : [JJ'] team : [NN'] effect : [VMI, 'NN'] team : [VN'] citation-based : [JJ'] deepening : [VNG'] imagine : [VNI'] members : [VNS'] saua : [VNI'] beginning : [VNS'] saua : [NN'] deletenode : [NN'] levezage : [VNI'] deletenode : [VNS'] co-location : [VNI'] computers : [VNS'] theead : [VNI'] computers : [VNS'] theead : [VNI'] computers : [VNS'] theead : [VNI'] computers : [VNS'] thead : [VNI'] computers : [VNS'] thead : [VNI'] deletenode : [VNS'] thead : [VNI'] computers : [VNS'] thead : [VNI'] computers : [VNS'] thead : [VNS'] computers	denoted	: ['NN	I', 'VBN', 'RB	', 'VBD']	offline	: ['JJ']]	
reformulated : ['NN'] semiotic : ['Ju']	bene?t	: ['VE	B', 'VBP']		evaluation	: ['NN',	, 'NNP']	
### Season ['NN'] Eason ['NN', NNE']	occurs	: ['VE	BZ']		attentions	: ['NNS'	']	
effect : ['WE', 'NN', 'NNF'] reason \$ ['WB', 'NNF, 'NNF'] imaging : ['NN, 'NNF'] members : ['NS'] imagine : ['NNS'] put : ['NB', 'NN', 'NNF', 'VBP'] heads : ['NNS'] beginning : ['NN'] sauna : ['NN'] beginning : ['NN'] ceverage : ['NN'] definition : ['NNS'] cowners : ['NNN'] benefits : ['NNS'] conjustioning : ['NN'] computers : ['NNS'] positioning : ['NN'] computers : ['NNS'] conjustioning : ['NN'] computers : ['NNS'] colaction : ['NN'] computers : ['NNS'] colaction : ['NN'] frit : ['NN'] attraction : ['NN'] frit : ['NN'] </td <td>reporting</td> <td>: ['VE</td> <td>BG']</td> <td></td> <td>reformulated</td> <td>: ['NN']</td> <td>]</td> <td></td>	reporting	: ['VE	BG']		reformulated	: ['NN']]	
Citation-based ['JJ']	semiotic	: [' JJ	「 ']		team	: ['NN']]	
<pre>imaging : ['NN', 'NNF']</pre>	effect	: ['VE	BZ', 'NN']		reason	: ['VB',	, 'NN', 'NNP']	
Imagine ['We']	citation-based	: [' JJ	「 ']		deepening	: ['VBG'	']	
heads : ['NN'] beginning : ['NN'] generate : ['VP', 'VPP'] deletenode : ['NN'] leverage : ['NN'] definition : ['NN'] owners : ['NN'] benefits : ['NNS'] thread : ['NN'] computers : ['NNS'] positioning : ['NN'] computers : ['NN'] co-location : ['NN'] districts : ['NN'] conducted : ['VBG'] fruit : ['NN'] http://hadoop.apache.og: ['VBG'] leading : ['VBT'] consequence : ['NN'] neglected : ['NNS'] unsatisfied : ['VBC'] pronunciations : ['NNS'] engagement : ['NN'] helping : ['VBG'] grasser : ['NN'] human-machine-nature: : ['NN'] feel : ['VBI, 'NN] human-machine-nature: : ['NN'] reglects : ['NN', 'NNP'] instances : ['NN', 'NNP'] reglects <td: 'nnp']<="" ['nn',="" td=""> instances : ['VBI, 'NN', 'NNP']</td:>	imaging	: ['NN	', 'NNP']		members	: ['NNS'	']	
sauna : ['NN'] beginning : ['NN'] generate : ['NN'] deletenode : ['NN'] leverage : ['NN'] definition : ['NNS', 'NN', 'NNP'] owners : ['NNS'] benefits : ['NNS'] thread : ['NN'] computers : ['NNS'] positioning : ['NN'] computers : ['NNS'] conlocation : ['NN'] districts : ['NNS'] conducted : ['VBN'] fruit : ['NN'] consequence : ['NN'] leading : ['JJ] consequence : ['NN'] neglected : ['WBN'] unsatisfied : ['VBC'] major : ['NNS'] unsatisfied : ['NB'] major : ['UBC'] unsatisfied : ['NB'] someday : ['WBC'] grasser : ['NN'] helping : ['WBC'] samefield : ['NN', 'JJ'] number : ['NN', 'NNP', 'NP', 'NP', 'NP', 'NN'] reglects : ['VBC'] instances : ['WBC', 'NN', 'NNP', 'NN	imagine	: ['VE	3']		put	: ['VB',	, 'VBN', 'NN', 'VBD']	
genrate : ['VP', 'VBF'] delatenode : ['NN'] owners : ['NNS'] benefits : 'NNS'] owners : ['NNS'] benefits : 'NNS'] positioning : ['NN'] computers : '(NNS') positioning : ['NN'] computers : '(NNS') positioning : ['NN'] computers : '(NNS') co-location : ['NN'] computers : '(NNS') conducted : ['VBN'] fruit : ('NN') http://hadoop.apache.og: ('VBG'] fruit : ('NN') http://hadoop.apache.og: ('VBG'] fruit : ('NN') consequence : ['NN'] neglected : ('VBN'] attracting : ['VBG'] pronunciations : '(NNS') consequence : ['NN'] helping : ['VBG'] engagement : ['NN'] helping : ['VBG'] engagement : ['NNN'] helping : ['VBG'] engagement : ['NNN'] someday : '('RB') feel : ['VB', 'NN'] human-machine-nature : '('JJ') samefield : ['NN', 'JJ'] number : '('NN', 'NNF') feel : ['CD'] done : '('VBN') neglects : ['VBZ'] instances : '('VBZ', 'NNS', 'RB', 'NNP'] englects : ['VBZ'] redundancy-free : '('VBN') symptom : ['NNS'] story : '('NN') symptom : ['NNS'] story : '('NN') symptom : ['NNS'] story : '('NN') interact : ['NNS'] story : '('NN') interact : ['NNS'] story : '('NN') interact : ['NN'] story : '('NN') interact : ['NN'] story : '('NN') belongs : ['NS'] regulation : '('NN') sasumption : ['NN'] humdred : '('NN') statement : ['NN'] hundred : '('NN') shifted : '('VB', 'NS', 'NN') shifted : '('VB', 'NN') indentity : '('NN')	heads	: ['NN	IS']		5-star	: ['JJ']]	
Leverage ['NN']	sauna	: ['NN	[']		beginning	: ['NN']]	
owners : ['NNN'] benefits : ['NNS'] thread : ['NN'] computers : ['NNS'] positioning : ['NN'] computers : ['NS'] colocation : ['NN'] districts : ['NNS'] conducted : ['VBN'] fruit : ['NN'] http://hadoop.apache.og: ['VBG'] leading : ['JJ'] consequence : ['NN'] neglected : ['VBN'] attracting : ['VBG'] pronunciations : ['NNS'] unsatisfied : ['NN'] major : ['VBC'] engagement : ['NNP'] someday : ['RB'] engagement : ['NNP'] someday : ['RB'] feel : ['NN'] humber : ['NN'] samefield : ['NN', 'N'] number : ['NN', 'NNP'] well-known : ['JJ'] instances : ['VBZ', 'NNN', 'VBD', 'NNP'] neglects : ['VBZ'] gradualory-free : ['JJ'] thinkers : ['NNN'] script : ['NN']	generate	: ['VE	B', 'VBP']		deletenode	: ['NN']]	
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positioning : ['NN'] districts : ['NNS'] co-location : ['NN'] districts : ['NNS'] conducted : ['VBN'] fruit : ['NN'] http://hadoop.apache.og: ['VBG'] leading : ['VBN'] attracting : ['WBG'] pronunciations : ['NNS'] unsatisfied : ['WB'] major : ['JJ'] engagement : ['NNP] helping : ['WBG'] graesser : ['NNP] someday : ['WBG'] feel : ['VB', 'NNT] human-machine-nature: ['JJ'] samefield : ['NN, 'JJ'] number : ['NN, 'NP'] samefield : ['NN, 'JJ'] number : ['NN, 'NP'] well-known : ['GJ'] instances : ['VBE, 'NS, 'RB', 'NNP'] well-known : ['JJ'] done : ['VBE, 'NNS, 'RB', 'NNP'] neglects : ['WB'] gone : ['VBN'] cyber-infrastructures: ['NNS'] story : ['NN'] symptom : ['NN, 'NS'] temperature <t< td=""><td>owners</td><td>: ['NN</td><td>IS']</td><td></td><td>benefits</td><td>: ['NNS'</td><td>']</td><td></td></t<>	owners	: ['NN	IS']		benefits	: ['NNS'	']	
Co-location ['NN']	thread	: ['NN	I ']		computers	: ['NNS'	']	
conducted : ['VBK'] fruit : ['NN'] http://hadoop.apache.og: ['VBK'] leading : ['JJ'] consequence : ['NN'] neglected : ['VBK'] attracting : ['VBG'] pronunciations : ['NNS'] unsatisfied : ['NB'] major : ['JJ'] engagement : ['NN'] helping : ['VBG'] graesser : ['NN'] helping : ['VBG'] feel : ['NN'] human-machine-nature : ['JJ'] samefield : ['NN', 'JJ'] number : ['NN', 'NNP'] samefield : ['NN', 'JJ'] number : ['NN', 'NNP'] well-known : ['JJ'] instances : ['VBZ', 'NNN', 'VBD', 'CD', 'JJ', 'NNS', 'NNP'] well-known : ['JJ'] instances : ['VBZ', 'NNS', 'RB', 'NNP'] tenglects : ['VBZ'] redundancy-free : ['JJ'] thinkers : ['NNS'] story : ['NN'] symptom : ['NN'] story : ['NN'] guaranteeing : ['VBC']	positioning	: ['NN	I ']		running	: ['VBG'	']	
http://hadoop.apache.og: ['VBG']	co-location	: ['NN	[']		districts	: ['NNS'	']	
consequence : ['NN']	conducted	: ['VE	BN']		fruit	: ['NN']]	
attracting : ['VBG']	http://hadoop.apa	che.og: ['VBG']		leading	: ['J	JJ']	
unsatisfied : ['VB']	consequence	: ['NN	I ']		neglected	: ['VBN'	']	
engagement : ['NN'] helping : ['VBG'] graesser : ['NNP'] someday : ['RB'] feel : ['VB', 'NN'] human-machine-nature: ['JJ'] samefield : ['NN', 'JJ'] number : ['NN', 'NNP'] 78 : ['CD'] linking : ['VB', 'VBC', 'NN', 'VBD', 'CD', 'JJ', 'NNS', 'NNP'] well-known : ['JJ] instances : ['VBC', 'VBC', 'NNP, 'NNP'] 1874 : ['CD'] done : ['VBN'] neglects : ['VBZ'] redundancy-free : ['JJ'] thinkers : ['NNS'] story : ['WB'] cyber-infrastructures: ['NNS'] story : ['NN'] symptom : ['NN'] temperature : ['NN'] guaranteeing : ['VBC'] script : ['NN'] introduction : ['NN'] divorce : ['NN'] interact : ['VBZ'] complemented : ['VBN'] belongs : ['VBZ'] paranomes : ['NN'] assumption : ['NN'] identity :	attracting	: ['VE	BG ']		pronunciations	: ['NNS'	']	
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The complemented	feel	: ['VE	B', 'NN']		human-machine-nature	e: ['JJ']]	
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1874 : ['CD'] done : ['VBN'] neglects : ['VBZ'] redundancy-free : ['JJ'] thinkers : ['NNS'] miss : ['VB'] cyber-infrastructures: ['NNS'] story : ['NN'] symptom : ['NN'] temperature : ['NN'] guaranteeing : ['VBG'] script : ['NN'] introduction : ['NN'] divorce : ['NN'] interact : ['VBZ', 'VB', 'VBP', 'VBN', 'NN'] complemented : ['VBN'] moderately : ['JJS'] paranomes : ['NN'] belongs : ['JJS'] bluemix : ['NN', 'NNP'] belongs : ['NN'] regulation : ['NN'] assumption : ['NN'] identity : ['NNP', 'NN'] statement : ['NN'] hundred : ['CD'] store : ['VBN'] distribu : ['NN']	78	: ['CI) ']		linking	: ['VB',	, 'VBG', 'NN', 'VBD', 'CD', 'JJ', 'NNS',	'NNP']
neglects : ['VBZ'] redundancy-free : ['JJ'] thinkers : ['NNS'] miss : ['VB'] cyber-infrastructures: ['NNS'] story : ['NN'] symptom : ['NN'] temperature : ['NN'] guaranteeing : ['VBG'] script : ['NN'] introduction : ['NN'] divorce : ['NN'] interact : ['VBZ', 'VB', 'VBP', 'VBN', 'NN'] complemented : ['VBN'] moderately : ['RB'] paranomes : ['NNS'] least : ['JJS'] bluemix : ['NN', 'NNP'] belongs : ['VBZ'] regulation : ['NN'] assumption : ['NN'] identity : ['NNP', 'NN'] statement : ['NN'] gps : ['NNP'] shifted : ['VBN'] distribu : ['NN']	well-known	: [' JJ	「 ']		instances	: ['VBZ'	', 'NNS', 'RB', 'NNP']	
thinkers : ['NNS'] miss : ['VB'] cyber-infrastructures: ['NNS'] story : ['NN'] symptom : ['NN'] temperature : ['NN'] guaranteeing : ['VBG'] script : ['NN'] introduction : ['NN'] divorce : ['NN'] interact : ['VBZ', 'VB', 'VBP', 'NN'] complemented : ['VBN'] moderately : ['RB'] paranomes : ['NNS'] least : ['JJS'] bluemix : ['NNS'] belongs : ['VBZ'] regulation : ['NN'] assumption : ['NN'] identity : ['NNP', 'NN'] statement : ['NN'] store : ['VBP', 'NN'] gps : ['NNP'] shifted : ['VBN']	1874	: ['CI) ']		done	: ['VBN'	']	
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introduction : ['NN'] divorce : ['NN'] interact : ['VBZ', 'VB', 'VBP', 'VBN', 'NN'] complemented : ['VBN'] moderately : ['RB'] paranomes : ['NNS'] least : ['JJS'] bluemix : ['NN', 'NNP'] belongs : ['VBZ'] regulation : ['NN'] assumption : ['NN'] identity : ['NNP', 'NN'] statement : ['NN'] hundred : ['CD'] store : ['VB', 'VBP', 'NN'] gps : ['NNP'] shifted : ['VBN']	symptom	: ['NN	ī ']		temperature	: ['NN']]	
<pre>interact : ['VBZ', 'VB', 'VBP', 'VBN', 'NN'] complemented : ['VBN'] moderately : ['RB']</pre>	guaranteeing	: ['VE	BG ']		script	: ['NN']]	
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belongs : ['VBZ'] regulation : ['NN'] assumption : ['NN'] identity : ['NNP', 'NN'] statement : ['NN'] hundred : ['CD'] store : ['VB', 'VBP', 'NN'] gps : ['NNP'] shifted : ['VBN'] distribu : ['NN']	moderately	: ['RE	3']		paranomes	: ['NNS'	']	
assumption : ['NN'] identity : ['NNP', 'NN'] statement : ['NN'] hundred : ['CD'] store : ['VB', 'VBP', 'NN'] gps : ['NNP'] shifted : ['VBN'] distribu : ['NN']	least	: [' JJ	JS']		bluemix	: ['NN',	, 'NNP']	
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store : ['VB', 'VBP', 'NN'] gps : ['NNP'] shifted : ['VBN'] distribu : ['NN']	assumption	: ['NN	1 ']		identity	: ['NNP'	', 'NN']	
shifted : ['VBN'] distribu : ['NN']	statement	: ['NN	I ']					
				']		: ['NNP'	']	
muscles : ['NNS'] passed : ['VBN']	shifted	_	-					
	muscles	: ['NN	IS']		passed	: ['VBN'	']	

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afantenos	: ['NNP']	computable	: ['JJ', 'NN']
hotel	: ['NN', 'NNP']	newell	: ['NNP']
?rstly	: ['RB']	measurable	: ['JJ']
part	: ['NN']	differentiate	: ['VB']
authors	: ['NNS', 'NNP']	focusing	: ['VB', 'VBG', 'NNP']
inventing	: ['VBG', 'NN', 'JJ']	translation	: ['NN']
believe	: ['VB', 'VBP']	characterizing	: ['VBG']
entropy	: ['NN']	reflection	: ['VB', 'NN']
clarifying	: ['VBG']	query-focused	: ['JJ']
kind	: ['NN']	determines	: ['VBZ']
unrepresented	: ['JJ']	prevent	: ['VB']
instruction	: ['NN']	aims	: ['VBZ', 'NNS', 'NNP']
recording	: ['VBG', 'RB', 'NN']	incites	: ['VBZ']
determined	: ['VBN']	contrary	: ['NN']
risks	: ['VBZ']	sameyear	: ['NN']
next-generation	: ['JJ']	insightful	: ['JJ']
activity-level	: ['JJ']	remembers	: ['VBZ']
classi?ed	: ['VBN']	interactive	: ['VBZ', 'JJ', 'NN', 'NNP']
deciding	: ['VBG']	motivation	: ['NNS', 'NN']
electroencephalogr	aphy: ['JJ']	5-tuple	: ['JJ']
ecologists	: ['NNS']	higher-level	: ['JJ']
recreate	: ['VB']	empiricists	: ['NNS']
randomly	: ['RB']	ef?cient	: ['JJ', 'NN']
contest	: ['NN']	sentences	: ['NNS', 'NNP']
null	: ['NN', 'JJ']	organs	: ['NNS']
orders	: ['NNS']	karl	: ['NNP']
outputting	: ['VBG']	paths	: ['NNS']
nights	: ['NNS']	relationship	: ['NN', 'JJ']
luckmann	: ['NNP']	superior	: ['JJ']
essentially	: ['RB']	lin	: ['NNP']
si2	: ['NNP', 'NNS']	officers	: ['NNS']
life-time	: ['NN']	liu	: ['NNP']
empirically	: ['RB']	caesar	: ['NNP']
generalized	: ['VBN', 'JJ']	analogy	: ['NNS', 'NN', 'NNP']
finding	: ['VBG', 'NN']	deletelinkupdate	: ['NNP']
peer-to-peer	: ['JJ', 'NN']	analogs	: ['NNS']
quillian	: ['NNP']	mirella	: ['NNP']
play	: ['VB', 'VBP', 'NN']	added	: ['VBN']
electric	: ['JJ']	inference	: ['VBP', 'NN', 'JJ', 'NNP']
warnings	: ['NNS']	programmers	: ['NNS']
albert	: ['NNP']	measures	: ['NNS']
reach	: ['VB', 'NN']	feature-based	: ['JJ']
react	: ['VBP']	most	: ['JJS', 'RBS']
virus	: ['NN']	7 4	: ['CD', 'NNP']
experiences	: ['VBZ', 'NNS']	complementing	: ['VBG']
significant	: ['JJ']	position	: ['NN']
services	: ['VBZ', 'NNPS', 'NNS', 'NNP']	britton	: ['NNP']
infrastructures	: ['NNS']	probabilistic	: ['VBG', 'JJ', 'NN', 'NNP']
79	: ['CD']	stands	: ['VBZ']

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salary	: ['NN']	forgets	: ['VBZ']
understands	: ['VBZ']	cause	: ['VB', 'NN']
constructed	: ['VBN']	65	: ['CD']
unsupervised	: ['JJ']	mobile	: ['JJ', 'NNP']
sensing	: ['VBG', 'JJ', 'NN']	clear	: ['JJ']
mediation	: ['NN']	cover	: ['VBP', 'NN']
unreasonable	: ['JJ']	drawing	: ['VBG']
traditional	: ['JJ']	ext	: ['NN', 'NNP']
sc-nf2	: ['NN']	bodies	: ['NNS']
li2	: ['NNP']	incur	: ['VB', 'VBP']
usual	: ['JJ']	physics	: ['VBZ', 'NNS', 'NN']
institutions	: ['NNS']	hyperlinking	: ['NNP']
pronome	: ['NN']	stones	: ['NNS']
particularly	: ['RB']	phenomenon	: ['NN']
sparrow	: ['NNP']	flicker	: ['NNP']
tagging	: ['NN']	smoot	: ['NNP']
converge	: ['VBZ', 'VB']	relation	: ['VBZ', 'NN', 'NNP']
entity	: ['NN']	headlines	: ['NNS']
fine	: ['JJ']	networks	: ['NNPS', 'NNS', 'NNP']
ontology-change	: ['JJ']	impact	: ['NN']
indicator	: ['NN', 'NNP']	simulating	: ['VBG', 'VB', 'NNP']
parameters	: ['NNS']	saint-paul	: ['NN']
clicks	: ['VBZ']	writer	: ['NN']
distributed	: ['VBN', 'JJ', 'VBD']	e14	: ['NNS']
affiliations	: ['NNS']	flights	: ['NNS']
indian	: ['NNP']	central	: ['JJ']
eruptions	: ['NNS']	factor	: ['NN']
darwin	: ['NNP']	4-dimensional	: ['JJ']
merged	: ['VBN', 'JJ']	special-purpose	: ['JJ']
intractable	: ['JJ']	his	: ['PRP\$']
triangle	: ['JJ', 'NN']	invoke	: ['VB']
externalized	: ['VBD']	dependent	: ['JJ']
domestic	: ['JJ']	connections	: ['NNS']
express	: ['VB']	consanguinity	: ['RB']
trees	: ['NNS']	externalizes	: ['VBZ']
observatory	: ['NN']	rt1	: ['JJ']
valuable	: ['JJ']	closely	: ['RB']
shared	: ['VBN', 'JJ', 'VBD']	during	: ['IN']
items	: ['NNS']	model-based	: ['JJ']
contextual	: ['JJ']	deductive	: ['JJ']
enemy	: ['NN']	cp3sme	: ['NNP', 'NN', 'VBZ', 'CD']
data-to-data	: ['VB']	querying	: ['VBG', 'JJ']
showed	: ['VBD']	intensive	: ['JJ']
knowledge-based	: ['JJ']	orthogonality	: ['VB', 'NN']
prs2	: ['NNP']	barzilay	: ['NNP']
stored	: ['VBN']	common	: ['JJ']
logistic	: ['JJ']	activity	: ['NN']
sustainable	: ['JJ', 'NNP']	att	: ['NN']
precaution	: ['NN']	dividing	: ['VBG']
		- : : : : : : : : : : : : : : : : : : :	

```
locating
                                                                                  : ['VBG']
                     : ['VBD']
wrote
consciously
                     : ['RB', 'JJ']
                                                             scanning
                                                                                  : ['VBG', 'NNP']
                     : ['VB', 'VBN', 'NN', 'VBD']
set
                                                             art
                                                                                  : ['NN', 'NNP']
detail
                                                             text-text
                     : ['NN']
                                                                                  : ['NN']
publications
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                                                             intelligence
                                                                                  : ['NN', 'NNP']
sub-networks
                     : ['NNS']
                                                                                  : ['VBZ']
                                                            uses
coined
                     : ['VBN']
                                                             wwtool
                                                                                  : ['NN']
culture
                     : ['VB', 'NN']
                                                                                  : ['VB', 'VBP']
                                                             see
individual
                     : ['NN', 'JJ', 'NNP']
                                                             are
                                                                                  : ['VBP']
close
                     : ['NN', 'RB', 'JJ']
                                                             -rsb-
                                                                                  : ['NNPS', 'RB', 'NN', 'VBN', 'CD', 'JJ', 'VBZ', 'NNS',
'NNP'l
2.0
                     : ['NNP']
                                                            publishedin
                                                                                  : ['VB', 'NN', 'VBN']
deploving
                     : ['VBG']
                                                             connectionism
                                                                                  : ['NN']
muthukrishnan
                                                             learns
                                                                                  : ['VBZ']
                     : ['NNP']
threats
                     : ['NNS']
                                                            probable
                                                                                  : ['JJ']
                     : ['NN']
                                                            visiting
                                                                                  : ['VBG']
expert
dn
                     : ['RB']
                                                             distinctive
                                                                                  : ['JJ']
                                                             familiarity
currently
                     : ['RB']
                                                                                  : ['NN']
formatted
                     : ['JJ']
                                                             rejecting
                                                                                  : ['VBG']
sameaf?liation
                     : ['NN']
                                                            libraries
                                                                                  : ['NNS']
representatives
                                                            misjudge
                     : ['NNS']
                                                                                  : ['VB']
                                                            various
smallest
                     : ['JJS']
                                                                                  : ['JJ']
                                                            mismatch
                     : ['NN']
pn
                                                                                  : ['NN']
probably
                     : ['RB']
                                                             conditions
                                                                                  : ['NNS']
favor
                                                            a.cormode
                     : ['VBP']
                                                                                  : ['NNP']
available
                     : ['JJ']
                                                             self-replication
                                                                                  : ['JJ', 'NN']
recently
                     : ['RB']
                                                             creating
                                                                                  : ['VBG']
unconscious
                     : ['JJ']
                                                            missina
                                                                                  : ['VBG']
conrov
                     : ['NNP']
                                                            interfaces
                                                                                  : ['NNS', 'NNP']
attention
                     : ['NN']
                                                             general-purpose
                                                                                  : ['JJ']
lik
                     : ['NNP']
                                                             death
                                                                                  : ['NN']
coffee
                     : ['NN']
                                                             sub-healthv
                                                                                  : ['JJ']
                     : ['NN']
                                                             interface
response
                                                                                  : ['NN', 'JJ', 'NNP']
cross-disciplinary : ['JJ']
                                                             relving
                                                                                  : ['VBG']
observer
                     : ['NN']
                                                             justifying
                                                                                  : ['VBG']
both
                     : ['CC', 'DT', 'PDT']
                                                            magnetic-resonance
                                                                                  : ['JJ']
last.
                     : ['JJ']
                                                             reverse
                                                                                  : ['JJ']
                                                             influential
hvperlink
                     : ['VBZ', 'RB', 'NN', 'NNP']
                                                                                  : ['JJ', 'NNP']
                                                             3-star
treated
                     : ['VBN']
                                                                                  : ['JJ']
re?ection
                     : ['NN']
                                                             sensitive
                                                                                  : ['JJ']
connection
                     : ['NN']
                                                             became
                                                                                  : ['VBD']
context
                     : ['NN']
                                                            long-term
                                                                                  : ['VB', 'JJ']
focused
                     : ['VBN']
                                                            whole
                                                                                  : ['NN', 'JJ']
finds
                     : ['VBZ']
                                                             experimental
                                                                                  : ['JJ']
load
                     : ['NN']
                                                             volcanic
                                                                                  : ['JJ']
tat
                     : ['VB', 'NN', 'CD', 'RB', 'NNS']
                                                             point
                                                                                  : ['VB', 'NN', 'NNP']
simple
                     : ['VB', 'NN', 'JJ']
                                                            loan
                                                                                  : ['NN']
recycling
                     : ['VBG']
                                                             corresponds
                                                                                  : ['VBZ', 'NNS']
                                                                                  : ['NNS']
community
                     : ['NN', 'NNP']
                                                             audios
```

F:\Pn.D_1\program\Eciipse\CE_	relation/w/Pruic.txt		2016年/月20日 15:12
dimensional	: ['NN', 'JJ']	pm	: ['NNP']
regulated	: ['VBN']	adaptation	: ['VB', 'NN', 'NNP']
upgrades	: ['VBZ']	openness	: ['VB', 'NN', 'NNP']
throughout	: ['IN']	factors	: ['NNS']
expensive	: ['JJ']	pr	: ['NNP']
kernels	: ['NNS']	ensures	: ['VBZ']
described	: ['VBN', 'VBD']	transformations	: ['NNS']
lattice	: ['NN']	mid-term	: ['JJ', 'NN']
create	: ['VB', 'VBP']	acceptance	: ['NN']
human-human	: ['JJ']	due	: ['JJ']
strategy	: ['NN']	johannes	: ['NNP']
whom	: ['WP']	reduction	: ['NN']
citations	: ['NNS', 'NNP']	maintenance	: ['VB', 'NN', 'NNP']
engelbart	: ['NNP']	pj	: ['NN']
combine	: ['VB']	pi	: ['NN', 'NNP']
meeting	: ['NN']	empty	: ['JJ']
spirals	: ['NNS', 'VBZ']	intension	: ['NN']
generating	: ['VBZ', 'VB', 'VBG', 'NNP']	di?cult	: ['JJ']
roy	: ['NNP']	versa	: ['NNS', 'RB']
self-organized	: ['VBN', 'JJ']	counting	: ['VBG']
pop-up	: ['JJ']	transferring	: ['VBG']
gas	: ['NN']	precision	: ['NN']
modelling	: ['VBG', 'JJ', 'NN', 'NNP']	gap	: ['NN']
neumann	: ['NNP']	self-organizes	: ['NNS']
sub-shcema	: ['JJ']	understand	: ['VB', 'VBP']
representative	: ['JJ', 'NN']	systematic	: ['JJ']
demand	: ['NN']	receive	: ['VB']
surveys	: ['VBZ']	assigning	: ['VBG']
c2	: ['CD', 'NNS', 'JJ', 'NNP']	p2	: ['NNS', 'CD', 'JJ', 'NNP']
k2	: ['NNP']	probview	: ['NNP']
p1	: ['NNP', 'NNS', 'NN', 'JJ', 'CD']		: ['JJ']
subcluster	: ['NN']	sub-dimensions	: ['NNS']
solid	: ['JJ']	reliable	: ['JJ']
corpora	: ['NN']	empirical	: ['JJ']
evaluated	: ['VBN']	healthy	: ['JJ']
while	: ['NN', 'IN']	optimization	: ['JJ', 'NN']
accidently	: ['RB']	smart	: ['JJ', 'NNP']
behavior	: ['NN', 'JJ']	32	: ['CD']
evaluates	: ['VBZ']	projecting	: ['VBG']
p.	: ['NN']	guide	: ['VB', 'NN', 'NNP']
loop	: ['NN']	engineers	: ['NNS']
computed	: ['VBN']	real	: ['JJ']
30	: ['CD']	nine	: ['CD']
low-energy	: ['JJ']	century	: ['NN']
supposed	: ['VBN']	cpsocio-sln	: ['NNP', 'JJ', 'NN', 'VBG']
pylyshyn	: ['VB', 'NNP']	faceted	: ['VBD', 'VBN', 'JJ', 'NNP']
8,21	: ['CD']	reads	: ['VBZ']
obstacle	: ['NN']	contradiction	: ['NN']
triple	: ['NN', 'JJ']	rif	: ['NNP']

I.IFII.D_NprogramicciipseicL_	Telation(VVI I dic.txt		2010年1月20日 10.12
aeroplanes	: ['NNS']	carbon	: ['NN']
leaving	: ['VBG']	attach	: ['VB']
examine	: ['VB', 'VBP']	хj	: ['NNP']
overlays	: ['NNS']	alarm	: ['VB']
evenly	: ['RB']	estimate	: ['VBZ', 'VB', 'VBP']
belong	: ['VB', 'VBP']	rsbi	: ['NNS', 'JJ', 'NNP']
hadoop	: ['NNP']	externalize	: ['VB']
re-maintaining	: ['JJ']	read	: ['VB', 'VBP', 'VBN', 'VBD']
topically	: ['RB']	newtonian	: ['NNP']
virtually	: ['RB']	widely	: ['RB']
grand	: ['JJ']	resulting	: ['VBG']
composition	: ['NN']	day	: ['NN']
higher	: ['JJR']	development	: ['NN']
calculation	: ['NN']	used	: ['VBN', 'VBD']
second-level	: ['JJ']	lie	: ['VB']
reversion	: ['NNP']	comprehensive	: ['JJ']
cyber-mental	: ['JJ']	ri2	: ['NNP']
expressiveness	: ['NNS']	flows	: ['VBZ', 'NNS']
ri1	: ['NNP']	heterogeneous	: ['JJ']
novwak	: ['NNP']	levels	: ['NNS']
moving	: ['VB', 'VBG', 'JJ']	purpose	: ['NN']
necessity	: ['NN']	implementation	: ['NN']
kosko	: ['NNP']	domain-speci?c	: ['JJ']
stack	: ['NNP']	emphasizing	: ['VBG']
kintsch	: ['NNP']	lower	: ['JJR']
task	: ['NN']	inferential-transfo	ormational: ['JJ']
supersede	: ['JJ']	re?ned	: ['VBN']
database	: ['VB', 'NN', 'NNP']	globus	: ['NNP']
navigation	: ['NN', 'VBN', 'JJ', 'NNP']	human-centered	: ['VBZ', 'JJ']
depending	: ['VBG']	?ow	: ['NN', 'VBP']
spent	: ['VBD']	analysis	: ['NN', 'NNP']
obviously	: ['RB']	person	: ['NN']
mathematicians	: ['NNS']	converged	: ['JJ']
regulating	: ['VBG']	machinery	: ['NN']
consistency	: ['NN']	organization	: ['NN']
meanwhile	: ['RB']	chemistry	: ['NN']
motions	: ['NNS']	latter	: ['NN']
http://www.w3.org	<u>/tr:</u> ['NNP']	distances	: ['NNS']
construct	: ['VB']	sound	: ['NN']
supervise	: ['VBP', 'NN']	named	: ['VBN']
4th	: ['JJ']	isolated	: ['VBN', 'JJ', 'VBD']
formulated	: ['VBN']	atomic	: ['JJ']
questions	: ['NNS']	using	: ['VBG']
love	: ['NN']	indexes	: ['NNS']
summaries	: ['NNS']	addresses	: ['VBZ', 'NNS']
discipline	: ['NN']	tables	: ['NNS']
aiming	: ['VBG']	relevancy	: ['NN']
sameauthor	: ['NN']	extracted	: ['VBN', 'JJ']
informal	: ['JJ']	immigrating	: ['VBG']

1.1FII.D_Nprogram.EciipseioE_re	HALIOTINVVFT UIC.LA					2010年7月20日 13.12
advertisements	: ['NNS'	']	recognizing	:	['VBG']
causal-predictive	: ['JJ']		rc-nf1	:	['NN',	'NNP', 'JJ']
signals	: ['NNS'	']	source	:	['NN']	
hyperlinks	: ['VB',	, 'NNS']	parents	:	['NNS']
location		, 'NN', 'NNP']	addrules		['VBZ'	
theorem		'NN', 'NNP']	relevance		['VB',	•
input		', 'VB', 'NN', 'NNP']	quarantees		['NNS'	
submissions	: ['NNS'		transformation		-	, 'NN', 'VBD']
build		, 'VBP', 'VBN']	associations		['NNS'	
		'CD', ':', 'NNS', 'NNP']	customers		['NNS'	
format.	: ['NN',		trigg		['NNP'	
big	: ['JJ',		showing		['VBG'	•
landscape	: ['NN']		unlimited		['JJ']	1
headof	: ['NN']		mcm		['NNS'	1
interconnected	: ['JJ']		inconsistent		['JJ']	1
genetically	: ['RB']		game		['NN']	
appendices	: ['NNS'		budapest		['NNP'	1
marcu	: ['NNP'	-	-		-	'NNP']
	_		emergence			
weights	: ['NNS'	-	projects		['VBZ'	1
formal	: ['JJ']		social-level		['NN']	1
rejects	: ['VBZ'		envisioned		['VBN'	
follows	: ['VBZ'		facets		['NNS'	
addressed	: ['VBN'		mismatching		['NN']	trant tant tant
consensus	: ['NN']		collect			'VBP', 'NN', 'JJ']
destination	: ['NN']		individuals		['NNS'	
indication	: ['VB',		reichman		['NNP'	
popular	: ['JJ']		question-answering		['NN']	
essential	: ['JJ']		terminology		['NN']	
mathematical	: ['JJ']		sketch		['VB',	
ecology	: ['NN',		methods			, 'RB', 'NN', 'NNP']
discrete	: ['JJ']		meta-computing		['JJ']	
b.	: ['NNP'		creation		['NN']	
some	: ['DT']	•	back			'NN', 'RB']
document-to-human	: ['JJ']		b4		['NNP'	•
understood	: ['VBN'	']	trends	:	['NNP'	
economic	: ['JJ',		instantiating	:	['VBG'	
accelerate	: ['VB']		b2			, 'NN']
mirror	: ['NN']		keyword	:	['VBD'	, 'VBN', 'NN', 'JJ', 'NNP']
berger	: ['NNP'	']	investigating	:	['VBG'	
accuracy	: ['NN']		foreseeable	:	['VBG']
gradually	: ['RB']		scale	:	['VB',	'NN']
accepted	: ['VBN'	']	broadband	:	['JJ']	
affects	: ['VBZ	']	decision	:	['NN',	'NNP']
measurements	: ['NNS'	']	integration	:	['NN']	
cnp	: ['NNP'	']	cyber-social		['JJ']	
discharge	: ['NN']		behave		['VB']	
connecting	: ['VBG		eliminate		['VB']	
workflow	: ['NN']		innovation		['NN']	
fragments	: ['NNS		super-classes		['NNS']
	-	-	<u> </u>			<u>-</u>

F:\Pn.D_1\program\Eclipse\CE_	_relation\wPFdic.txt		
augmenting	: ['VBG']	professionals	: ['NNS']
inserting	: ['VBG']	be	: ['VB', 'VBP']
run	: ['VB', 'VBP', 'VBN', 'NN']	resolve	: ['VB']
bc	: ['NNP']	re?ected	: ['VBN']
processing	: ['VBG', 'NN', 'NNP']	fed	: ['VBN']
subconscious	: ['NNP']	step	: ['VB', 'NN']
assists	: ['VBZ']	viewpoints	: ['NNS']
verifications	: ['NNS']	s1.c	: ['NNS']
metaphor	: ['NN']	inseparable	: ['JJ']
readability	: ['RB', 'NN']	precondition	: ['NNP']
analysing	: ['VBG']	77	: ['CD']
qing	: ['NNP']	consumption	: ['NN']
anything	: ['NN']	chomsky	: ['NNP']
coexist	: ['VB', 'VBP', 'JJ', 'NN']	tracing	: ['VBG']
in-depth	: ['JJ']	simulation	: ['NN', 'NNP']
range	: ['VB', 'NN']	extensions	: ['NNS']
together	: ['RP', 'RB']	73	: ['CD']
consequently	: ['RB']	restrict	: ['VB']
plan	: ['VB', 'VBP', 'NN']	prices	: ['NNS']
specifies	: ['VBZ']	computational	: ['JJ']
71	: ['CD']	hears	: ['VBZ']
suspicious	: ['JJ']	86	: ['CD']
into	: ['IN']	within	: ['IN']
brin	: ['VB']	nsf	: ['NNP']
servers	: ['NNS']	obtains	: ['VBZ']
appropriate	: ['JJ']	accepting	: ['VBG']
frames	: ['NNP']	kqml	: ['NNP']
sufficiently	: ['RB']	centrality	: ['JJ', 'NN']
partof	: ['JJ', 'NN']	sightseeing	: ['NN']
interactivity	: ['VB']	impressed	: ['VBN']
arrow	: ['NN']	statistics	: ['NNPS', 'NNS', 'NNP']
straight-line	: ['JJ']	innate	: ['JJ', 'NN']
retrieving	: ['VBG', 'JJ']	measured	: ['VBN']
label	: ['NN']	question	: ['NN']
duplicate	: ['JJ']	long	: ['RB', 'JJ']
u2 	: ['CD']	thirdly	: ['RB']
pronunciation	: ['NN']	doubt .	: ['NN']
sub-class	: ['NNS']	veracity	: ['NN']
forward	: ['RP']	org/2004/owl	: ['NNS']
.2	: ['CD']	analyze	: ['VB']
sections	: ['NNS']	opens	: ['VBZ']
files	: ['NNS']	transformable	: ['JJ']
conditional	: ['JJ']	granularities	: ['NNS']
subgraph	: ['NN']	poster	: ['NN']
memory	: ['NN']	initiator	: ['NN']
language-games	: ['NNS']	daily-life	: ['JJ']
symbolized	: ['JJ']	manipulate	: ['VB']
link	: ['VB', 'VBP', 'NN', 'NNP']	multi-document	: ['JJ']
-lrb-	: ['-LRB-', 'NNP']	line	: ['NN', 'NNP']

F:\Pn.D_1\program\Eclipse\CE	_relation\wPFdic.txt		2016年7月20日 15:12
deployed	: ['VBN']	directed	: ['JJ']
inverse	: ['JJ']	lr	: ['NNP']
xi	: ['JJ', 'NNP']	zhu	: ['NNP']
entry	: ['NN']	consist	: ['VB', 'VBP']
characteristic	: ['NN', 'JJ', 'NNP']	transmits	: ['VBZ']
p.xi	: ['NNS']	up	: ['RP', 'RB']
us	: ['PRP']	theoretical	: ['JJ']
clips	: ['NNS']	maturity	: ['NN']
cip	: ['NN']	exploration	: ['NN', 'NNP']
verification	: ['NN']	mature	: ['VB', 'JJ']
sum	: ['VB', 'NN']	continuously	: ['RB']
autonomous	: ['VB', 'JJ']	etc.	: ['RB', 'FW']
called	: ['VBN', 'VBD']	shortest	: ['JJS']
bell	: ['NNP']	storing	: ['VBZ', 'VBG']
sometimes	: ['RB']	constant	: ['JJ']
defined	: ['VBN', 'NNP']	5.1	: ['NNP']
influence	: ['VB', 'VBP', 'NN', 'NNP']	accessibility	: ['NN']
package	: ['NN']	globally	: ['RB']
51,52	: ['CD']	single	: ['JJ']
diverse	: ['JJ']	research	: ['NN', 'NNP']
organizational	: ['JJ']	recalculated	: ['JJ']
prede?ned	: ['JJ', 'VBD']	metric	: ['NNP', 'JJ']
tends	: ['VBZ']	sack	: ['NN']
hovy	: ['NNP']	employment	: ['NN']
composing	: ['VBG', 'VBD']	orderly	: ['JJ']
rewriting	: ['VBG']	application	: ['NN']
reputation	: ['NN']	actors	: ['NNS']
implements	: ['VBZ']	income	: ['NN']
department	: ['NNP']	operationos	: ['NNS']
proposal	: ['NN']	sub-coordinates	: ['NNS']
arithmetic	: ['NN']	reflections	: ['NNS']
chairof	: ['NN']	explaining	: ['VBG', 'VBD']
draw	: ['VB']	elements	: ['NNS']
gain	: ['VB']	users	: ['NNS', 'NNP']
calculating	: ['VBG']	gross	: ['JJ']
rm	: ['NNP']	machine-data	: ['JJ']
korf	: ['NNP']	backbone	: ['NN']
problems	: ['NNS']	robots	: ['NNS']
approached	: ['VBN']	expressing	: ['VBG']
regulations	: ['NNS']	meaning	: ['VBG', 'NN']
kif	: ['NNP']	baxendale	: ['JJ', 'NNP']
velocity	: ['NN']	fertilizer	: ['NN']
posters	: ['NNS']	sln-e	: ['NN']
sln-d	: ['NNP', 'NN', 'JJ']	aggregated	: ['VBN']
structure	: ['VB', 'NN', 'NNP']	dimensions	: ['NNS', 'JJ']
ago	: ['RB']	independently	: ['RB']
land	: ['NN']	implies	: ['VBZ']
o.gross	: ['NNP']	algorithm	: ['VB', 'VBG', 'NN', 'NNP']
vice	: ['RB', 'NN']	zooming	: ['VBZ', 'VB', 'VBG', 'NN', 'NNP']

F:\Pn.D_1\program\Eclipse\CE_re	lation\wPFdic.txt		2016年7月20日 15:12
established	: ['VBN']	age	: ['VBP', 'NN']
required	: ['VBN', 'JJ']	youtube	: ['NNP']
departments	: ['NNS']	calculates	: ['VBZ']
2002	: ['CD', 'NNP']	2003	: ['CD']
2000	: ['CD']	2001	: ['VBZ', 'CD']
2006	: ['VBZ', 'CD']	2007	: ['CD']
2004	: ['CD']	2005	: ['CD']
far	: ['RB']	international	: ['JJ', 'NNP']
2008	: ['CD']	2009	: ['VBZ', 'CD']
requires	: ['VBZ']	having	: ['VBG']
web/internet	: ['NN', 'NNP', 'JJ']	once	: ['RB', 'IN']
normalize	: ['VB']	codd	: ['NNP']
co-author	: ['NNS', 'NN']	partial	: ['JJ']
teach	: ['NN']	undecidable	: ['VB', 'JJ']
incorporate	: ['VB']	unemployment	: ['NN']
issued	: ['VBN']	broaden	: ['VB']
results	: ['VBZ', 'NNS']	tested	: ['VBN']
hilda	: ['NNP']	helped	: ['VBN']
proposition	: ['NNS', 'NN']	classic	: ['JJ']
broader	: ['JJR']	sigmund	: ['NNP']
query	: ['VB', 'RB', 'NN', 'JJ', 'VBZ',	'NNP']issues	: ['NNS']
min_pr	: ['NNP']	excludes	: ['VBZ']
compose	: ['VB']	frame-work	: ['NNP']
analysized	: ['VBN']	vannevar	: ['NNP']
similar	: ['VBG', 'JJ', 'NNP']	disposal	: ['NN']
concerned	: ['VBN', 'JJ', 'VBD']	one-dimensional	: ['JJ']
send	: ['VB']	languages	: ['NNS']
citing	: ['VBG']	helps	: ['VBZ']
stable	: ['JJ']	popularity	: ['NN']
worldviews	: ['NNS']	include	: ['VB', 'VBP']
pre-designed	: ['VBN', 'JJ']	resources	: ['NNPS', 'NNS', 'NNP']
inner-product	: ['JJ']	g3	: ['CD']
garden 	: ['NN']	morality	: ['NN']
organizations	: ['NNS']	cpsoc	: ['NNP', 'NNS']
rti	: ['NN', 'JJ']	implicitly	: ['RB', 'CD']
semantics-aware	: ['JJ']	wave	: ['VB']
putting	: ['VBG']	rtk	: ['NN']
end-of-use	: ['JJ']	telling	: ['VBG']
g .	: ['NNP']	drinking	: ['VBG']
rtj	: ['JJ', 'NN'] : ['VB']	categories	: ['NNS'] : ['JJ']
arrange entire	: ['JJ']	timely recreation	: ['NNP']
moderate	: ['JJ', 'NNP']	paternity	: ['JJ']
<pre>picture-sharing experiencing</pre>	: ['JJ'] : ['VBG']	transmission notes	: ['NN'] : ['NNS']
colors	: ['NNS']		: ['VB', 'VBP']
assignments	: ['NNS'] : ['NNS']	try licklider	: ['NN', 'NNP']
reasoning/navigation		deleting	: ['VBZ', 'VB', 'VBG', 'JJ', 'NNP']
versioning	: ['VBG']	logistics	: ['NNS']
versioning	• [PU]	109130103	· [MO]

F:\Pn.D_1\program\Eclipse\CE_	relation\wPFdic.txt		2016年7月20日 15:12
limitations	: ['NNS']	gender	: ['NNP', 'NN']
smaller	: ['JJR']	zk	: ['NNP', 'FW', 'VB']
odp	: ['NNP']	human-computer	: ['VBZ']
participate	: ['VB']	c0	: ['NNP']
sensation	: ['NN']	lp	: ['NN']
imply	: ['VB', 'VBP']	accessing	: ['VBG']
video	: ['JJ', 'NN', 'NNP']	traveling	: ['VBG']
insertion	: ['VBP', 'NN']	earth	: ['NN']
growing	: ['VBG']	dynamics	: ['NNS']
cat	: ['VB', 'NN']	carlo	: ['NNP']
click	: ['VB']	inaccurate	: ['JJ']
non-redundant	: ['JJ']	index	: ['NN']
optimize	: ['VB']	plays	: ['VBZ']
business	: ['NN', 'NNP']	paintings	: ['NNS']
classi?cation	: ['VB', 'JJ', 'NN', 'NNP']	giving	: ['VBG']
multimedia	: ['VB', 'NNS', 'JJ', 'FW']	max pr	: ['NNP']
disjunction	: ['NN']	find	: ['VB', 'VBP', 'JJ']
access	: ['VB', 'NN']	19th	: ['JJ']
experiment	: ['NN']	vehicle	: ['NN']
flowing	: ['VBG']	sviokla	: ['NNP']
values	: ['VBZ', 'NNS']	wn	: ['NN']
3d	: ['CD']	body	: ['NN']
focuses	: ['VBZ']	led	: ['VBN']
lee	: ['NNP']	degree	: ['NN']
fertilization	: ['NN']	cyber-concepts	: ['NNS']
respectively	: ['RB']	pushing	: ['VBG']
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larger	: ['JJR']	37	: ['CD']
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makes	: ['VBZ']	self-similarity	: ['NN']
involves	: ['VBZ']	composed	: ['VBN', 'JJ']
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manage	: ['VB', 'VBP']	collaborating	: ['VBG']

```
amendment
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Cancelation ['NM']	united	: ['JJ', 'NNP']	syndrome	: ['NN']
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zooning-in ['JJ', 'NNP']	xm	: ['NNP', 'FW']	establishment	: ['NN']
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facilitates : ['VBZ'] industries : ['NNS'] multi-dimensional : ['VBZ', 'JJ'] le : ['NNP'] micro-environment : ['NN'] lapata : ['NNP'] chosen : ['VBN'] re?ecting : ['VBG'] temporal : ['JJ'] relativity : ['NN', 'JJ', 'NNP']	looks	: ['VBZ']	referencing	: ['NN']
multi-dimensional : ['VBZ', 'JJ'] le : ['NNP'] micro-environment : ['NN'] lapata : ['NNP'] chosen : ['VBN'] re?ecting : ['VBG'] temporal : ['JJ'] relativity : ['NN', 'JJ', 'NNP']	mentioned	: ['VBN', 'JJ']	agricultural	: ['JJ']
micro-environment : ['NN'] lapata : ['NNP'] chosen : ['VBN'] re?ecting : ['VBG'] temporal : ['JJ'] relativity : ['NN', 'JJ', 'NNP']	facilitates	: ['VBZ']	industries	: ['NNS']
micro-environment : ['NN'] lapata : ['NNP'] chosen : ['VBN'] re?ecting : ['VBG'] temporal : ['JJ'] relativity : ['NN', 'JJ', 'NNP']	multi-dimensional	: ['VBZ', 'JJ']	le	
chosen : ['VBN'] re?ecting : ['VBG'] temporal : ['JJ'] relativity : ['NN', 'JJ', 'NNP']	micro-environment		lapata	
temporal : ['JJ'] relativity : ['NN', 'JJ', 'NNP']	chosen			
	temporal			
	varies	: ['VBZ']	him	

T.II IIID_TIPLOGRAMILEONPOOROL_I	· olatioiii	THE COLOR			10-17120H 10:12
b1	:	['NNPS', 'NNS', 'JJ']	estimating	: ['VBG']	
adjusts	:	['VBZ']	tenenbaum	: ['NNP']	
choose	:	['VB']	bridged	: ['VBN']	
instruments	:	['NNS']	latitude	: ['NN']	
2014	:	['CD']	millions	: ['NNS']	
2011	:	['NNP', 'JJ', 'CD']	2010	: ['CD']	
2013		['CD']	2012	: ['VBZ', 'CD']	
soundness		['NN']	greater	: ['JJR']	
pcyber-physical		['JJ']	richness	: ['VB', 'NNS', 'NN']	
existences	:	['NNS']	outlined	: ['VBN']	
practice		['NN', 'NNP']	indexing	: ['VBG', 'NN', 'VBZ']	
epistemology		['NN']	zooms	: ['VBZ']	
14,38		['CD']	mention	: ['VB']	
often-cited		['JJ']	1937	: ['CD']	
decentral		['JJ']	grow	: ['VB']	
front		['NN']	realize	: ['VB', 'VBP']	
abstractive		['JJ']	text-only	: ['JJ']	
sub-schemas		['NNS', 'NNP', 'JJ']	storyboard	: ['NN', 'JJ']	
profound		['JJ']	verifying	: ['VBG']	
intelligent		['JJ', 'NNP']	university	: ['NN', 'NNP']	
countries		['NNS']	identified	: ['VBN', 'VBD']	
accompanies		['VBZ']	pathway	: ['NN']	
merge		['VB', 'VBP', 'JJ', 'NN', 'NNP']	transmitted	: ['VBN', 'JJ']	
sim		['VBN', 'NN']	truth	: ['NN']	
fields		['NNS']	interview	: ['VB']	
rising		['JJ', 'VBG']	raised	: ['VBN', 'VBD']	
stock		['NN']	traces	: ['VBZ', 'NNS']	
experienced		['VBN', 'VBD']	constraints	: ['NNS']	
subset		['NN', 'RB']	n/m	: ['NN']	
lectures		['VBZ']	activate	: ['VB', 'VBP']	
sub-graphs		['NNS']	1990s	: ['CD']	
map		['VB', 'VBP', 'NN', 'NNP']	doing	: ['VBG']	
fahey		['NNP']	falsifiability		
inevitably		['RB']	related	: ['VBN', 'JJ']	
constitute		['VB', 'VBP']	society	: ['VB', 'NN', 'NNP']	
88		['CD']	books	: ['NNS']	
static		['JJ']	variety	: ['NN']	
olderthan		['NN']	measure	: ['VB', 'NN']	
82		['CD']	our	: ['PRP\$']	
80		['CD']	luhn	: ['NNP']	
agriculture		['NN']	human-level	: ['JJ', 'NNP']	
special		['JJ']	out	: ['RP', 'RB', 'IN']	
category		['VB', 'NN']	converted	: ['VBN']	
mediates		['VBZ']	www.w3.org/xml	: ['NNP']	
entertainment		['NN']	nowadays	: ['RB']	
integrates		['VBZ']	investigate	: ['VB']	
elkiss		['NNP']	g?del	: ['NNP']	
behaviours		['VBZ', 'NNS']	rise	: ['NN']	
g2		['NNP', 'CD']	maximized	: ['JJ']	
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```
classifv/cluster/locate: ['VB']
autopilot
                     : ['VB']
                                                            utility
adaptive
                     : ['JJ']
                                                                                 : ['NN']
supports
                                                            integrated
                     : ['VBZ']
                                                                                 : ['VBN', 'JJ']
red
                     : ['JJ']
                                                            disclose
                                                                                 : ['VB']
                                                                                 : ['JJ']
high-tech
                     : ['JJ']
                                                            high-performance
interactions
                     : ['NNS', 'NN', 'RB', 'FW']
                                                            retrieved
                                                                                  : ['VBN']
maintains
                                                            1632
                     : ['VBZ']
                                                                                 : ['CD']
ibm
                     : ['NNP']
                                                            publishtime
                                                                                 : ['NN']
enumerate
                     : ['VB']
                                                            attending
                                                                                 : ['VBG']
approaches
                     : ['NNS', 'VBG', 'VBZ']
                                                            vork
                                                                                  : ['NNP']
conflicts
                     : ['NNS']
                                                            networking
                                                                                  : ['NN', 'NNP']
                     : ['NN']
studvin
                                                            retrieves
                                                                                 : ['JJ']
loa
                     : ['NN']
                                                            iava
                                                                                 : ['NN']
cyber-physiological : ['JJ']
                                                            interaction
                                                                                 : ['VBG', 'NN', 'VBN', 'VBP', 'JJ', 'VBZ', 'NNS', 'NNP']
updating
                     : ['VBG', 'JJ', 'NN']
                                                            1980
                                                                                 : ['CD']
sustainability
                     : ['NN']
                                                                                 : ['VBN']
                                                            geometry
phrases
                     : ['NNS']
                                                            could
                                                                                 : ['MD']
1981
                     : ['CD']
                                                            ask
                                                                                 : ['VB']
membership
                     : ['NN']
                                                            ruleml
                                                                                  : ['NNP']
feasible
                     : ['JJ']
                                                            length
                                                                                  : ['NN']
explored
                     : ['VBN', 'VBD']
                                                            specification
                                                                                 : ['NN']
davis
                                                            restaurants
                     : ['NNP']
                                                                                  : ['NNS']
facilitate
                     : ['VB', 'VBP']
                                                            housing
                                                                                 : ['NN']
nutrition
                     : ['NN']
                                                            radev
                                                                                 : ['NNP']
reflexive
                     : ['VBZ', 'NN', 'JJ']
                                                            third
                                                                                  : ['JJ']
powerful
                     : ['JJ']
                                                            scene
                                                                                 : ['NN']
reaches
                     : ['VBZ']
                                                            strategic
                                                                                 : ['JJ']
evolutionary
                     : ['JJ']
                                                            ontologies
                                                                                  : ['NNS', 'JJ', 'NNP']
proposing
                     : ['VBG']
                                                            such
                                                                                  : ['PDT', 'JJ']
owner
                     : ['NN']
                                                            reached
                                                                                 : ['VBN']
precisely
                     : ['RB']
                                                            quality
                                                                                  : ['NN', 'NNP']
synthesizing
                     : ['JJ', 'VBG']
                                                            rs2
                                                                                  : ['NN', 'VBN', 'CD', 'VBP', 'NNS', 'NNP']
                     : ['NNP']
                                                            0.5
ceccato
                                                                                  : ['CD']
management
                     : ['NN', 'NNP']
                                                            publication
                                                                                  : ['NN']
practitioners
                     : ['NNS']
                                                            privacy
                                                                                  : ['NN', 'NNP']
ordering
                     : ['VB', 'VBG']
                                                            iournals
                                                                                  : ['NNS']
behaves
                     : ['VBZ']
                                                                                 : ['NN', 'NNP']
                                                            system
relations
                     : ['NNPS', 'NNS', 'NNP']
                                                            eighth
                                                                                  : ['JJ']
                     : ['NN']
                                                            their
priority
                                                                                  : ['PRP$']
http://www.uml.org : ['NN']
                                                            lifetimes
                                                                                  : ['NNS']
                     : ['NN', 'JJ', 'NNP']
normalization
                                                            branches
                                                                                 : ['NNS']
final
                                                                                 : ['VBZ', 'NNS', 'NN', 'JJ']
                     : ['JJ']
                                                            symbiosis
interests
                     : ['NNS']
                                                            rsm
                                                                                  : ['VBP', 'NNPS', 'NN', 'NNP']
                     : ['NN']
rsn
                                                            accompany
                                                                                  : ['VB']
terminates
                     : ['VBZ']
                                                            tuple
                                                                                  : ['NN', 'JJ']
rsd
                     : ['NN']
                                                            rse
                                                                                 : ['NN']
                     : ['VB', 'NN', 'NNP']
explanation
                                                            acquire
                                                                                  : ['VB']
debat.e
                     : ['NN']
                                                            si1
                                                                                 : ['NNP', 'NNS']
innovate
                     : ['VB']
                                                            cvber-society
                                                                                 : ['NN']
```

F:\Ph.D_1\program\Eclipse\CE_relation\WPFdic.txt		
slides : ['NNS', 'NNP']	environmental	: ['JJ']
regards : ['VBZ']	simulate	: ['VB', 'JJ', 'NNP']
<pre>manipulation : ['NN']</pre>	fuzzy	: ['JJ', 'RB', 'NNP']
policeman : ['NN']	institution	: ['NN']
hypercycle : ['JJ', 'NN']	remember	: ['VB', 'VBP']
observed : ['VBN', 'JJ', 'V	7BD'] colleagues	: ['NNS']
swimming : ['NN']	acknowledgein	: ['NN']
kant : ['NNP']	analytics	: ['NNS', 'JJ']
pursuits : ['NNS']	isolation	: ['NN']
distinguishes : ['VBZ']	data-driven	: ['JJ']
richer : ['JJR', 'NN']	bee	: ['NN']
claim : ['NN']	incompleteness	: ['NNS']
kleinberg : ['NNP']	76	: ['CD', 'NNP']
bind : ['NN']	embody	: ['VBP']
collins : ['NNP']	negatively	: ['RB']
providing : ['VBG']	abstracts	: ['NNS']
distinguished : ['VBN', 'JJ', 'V	/BD'] d.	: ['NNP']
result : ['VB', 'NN']	behaviors	: ['NNS', 'JJ', 'NNP']
1.5 : ['CD', 'NNP']	enforced	: ['JJ']
weiser : ['NNP']	false	: ['VBZ', 'JJ']
shrinks : ['VBZ']	clip	: ['NN']
viewer : ['NN']	fluctuation	: ['NN']
unchanged : ['JJ']	curves	: ['NNS']
wittgenstein : ['NNP']	kepler	: ['NNP']
sincerity : ['NN']	have	: ['VB', 'VBP', 'JJ']
chemistry.gl.cl : ['NN']	need	: ['VB', 'VBP', 'NN']
exhibit : ['VB']	univesity	: ['NNP']
border : ['NN']	clearly	: ['RB']
viewed : ['VBN']	appended	: ['VBN']
acceleration : ['NN']	issue	: ['NN']
3nf : ['CD']	mappings	: ['NNS']
min : ['NN']	studying	: ['VBG']
storage : ['NN']	able	: ['JJ']
gravity : ['NN']	mechanism	: ['NN']
<pre>jacobson : ['NNP']</pre>	chiba	: ['NNP']
instance : ['NN']	relatives	: ['NNS']
concerns : ['VBZ', 'NNS']	best	: ['JJS']
which : ['WDT', 'WP']	promotes	: ['VBZ']
subject : ['VB', 'NN']	misplacing	: ['VB']
pursues : ['VBZ']	realizes	: ['VBZ']
worldwide : ['JJ']	refocusing	: ['VBG']
misunas : ['NNP']	unless	: ['IN']
axiomatic : ['JJ']	deploy	: ['VB']
collaboration : ['NN']	who	: ['WP']
identi?cation : ['NN']	intentions	: ['NNS']
visualize : ['VB']	propagate	: ['VB', 'VBP']
representation : ['VBZ', 'VB', 'N		: ['NN']
misjudgment : ['NNP']	alarmed	: ['JJ']
intrinsic : ['JJ']	why	: ['WRB', 'VBG', 'VBZ', 'NNP']

i .\rii.D_i\piograii\ciipse\c	DE_Telation(VVI 1 dic.txt		2010年7月20日 15.12
volume	: ['NN']	reduces	: ['VBZ']
consequences	: ['NNS']	hinder	: ['VB']
url	: ['VBG', 'NNS', 'NNP']	semanticweb	: ['NNP']
close-core	: ['JJ']	gather	: ['VB']
stronger	: ['JJR']	graphs	: ['NNS']
proceedings	: ['NNS']	hierarchical	: ['JJ']
hong	: ['NNP']	movie	: ['NN']
built	: ['VBN', 'VBD']	3,29	: ['CD']
painting	: ['NN']	c2x	: ['NNS']
fact	: ['NN']	50	: ['CD']
dijk	: ['NNP']	impression	: ['NN']
emerging	: ['VBZ', 'VB', 'VBG', 'JJ']	selection	: ['VB', 'NN', 'NNP']
weiner	: ['NNP']	samejournal	: ['NN']
text	: ['JJ', 'NN']	agreed	: ['JJ']
supported	: ['VBN', 'VBD']	cooccurred	: ['VBN']
visualized	: ['VBN']	bring	: ['VB']
planning	: ['VBG', 'NN']	well-being	: ['NN']
propagates	: ['VBZ']	portfolio	: ['NN']
high-level	: ['JJ']	trivial	: ['JJ']
minsky	: ['NNP']	partners	: ['NNS']
inspiring	: ['NN', 'JJ', 'VBG']	holistic	: ['JJ']
based	: ['VBN']	knowledge	: ['VB', 'RB', 'NN', 'VBP', 'JJ', 'NNS', 'NNP']
with	: ['RP', 'IN']	lsa	: ['NNP']
inserted	: ['VBN', 'JJ']	should	: ['MD']
terminal	: ['NN']	entities	: ['NNS']
jam	: ['NNP']	candidates	: ['NNS']
reorganizing	: ['VBG']	inherited	: ['VBN']
fuel	: ['NN']	employed	: ['VBN']
chinese	: ['NNP']	local	: ['JJ']
achieve	: ['VB']	q.	: ['NNP']
photographs	: ['NNS']	sharper	: ['JJR']
formulate	: ['VB']	handle	: ['VB']
watching	: ['VBG']	lobe	: ['NN']
familiar	: ['JJ']	r&d	: ['NNP']
overall	: ['JJ']	vehicles	: ['NNPS', 'NNS']
joint	: ['JJ']	commonality	: ['NN']
ag	: ['NN']	words	: ['NNS']
coordinating	: ['VBZ', 'VB', 'VBG', 'NN']	applying	: ['VBG']
?nding	: ['VBG']	argues	: ['VBZ']
loss-less	: ['NNS', 'JJ']	shaping	: ['VBG']
lossless	: ['JJ']	areas	: ['NNS']
queried	: ['VBN']	gray	: ['NNP']
evolution	: ['NN', 'NNP']	circulation	: ['NN']
organ	: ['NN']	brain	: ['JJ', 'NN', 'NNP']
shopping	: ['NN']	cross-referring	: ['NN']
syntaxes	: ['NNS']	kn	: ['NNP']
comprising	: ['VBG']	influenced	: ['VBN']
tennenhouse	: ['NNP']	exercises	: ['NNS']
processed	: ['VBN']	queries	: ['VBZ', 'NNS']
brocessed	• [ATM]	Anerres	· [vD2 , MMO]

The mis_reprogramme on poores_	- Gladionivi i diolok		
qi	: ['NN']	shi : ['NNP']	
www.w3.org/rdf	: ['NNP']	cycles : ['NNS']	
conduct	: ['VB']	generations : ['NNS']	
view	: ['VB', 'VBP', 'NN']	knowing : ['VBG', 'NN', 'CD']	
requirement	: ['NN']	subschemas : ['NNS']	
constructing	: ['VBG']	exists : ['VBZ', 'RB']	
system-to-system	: ['JJ']	acquired : ['VBN']	
frame	: ['NN']	correlations : ['NNS']	
humans	: ['VB', 'NNS', 'RB', 'JJ']	up-closure : ['NN']	
operates	: ['VBZ']	edition : ['NN']	
computer	: ['NN', 'NNP']	<pre>multi-semantic : ['JJ']</pre>	
enhanced	: ['VBN']	ized : ['JJ']	
operated	: ['VBN']	creationist : ['JJ']	
responses	: ['NNS']	hierarchically : ['RB']	
phases	: ['NNS']	puts : ['VBZ']	
interacting	: ['VBG']	<pre>classification-preserve: ['NN']</pre>	
record	: ['VB']	aspirations : ['NNS']	
pattern	: ['NN']	-rcb- : ['VBZ', 'JJ', 'NN', '-RRB-']
laureate	: ['NN']	provenance : ['NN']	
incorporating	: ['VBG', 'JJ', 'NNP']	tend : ['VBP']	
nanba	: ['NNP']	written : ['VBN']	
difficulties	: ['NNS']	<pre>identification : ['NNP']</pre>	
routing	: ['VBG', 'NNS']	closed : ['VB', 'VBN', 'JJ', 'VBD']	
modelings	: ['NNS']	crude : ['JJ']	
progress	: ['NN']	boundary : ['NN']	
email	: ['NN']	iot : ['NNP']	
textbook	: ['NN']	<pre>publishers : ['NNS']</pre>	
ends	: ['VBZ']	handful : ['NN']	
hypercycles	: ['NNS']	ability : ['VB', 'NN']	
regulates	: ['VBZ']	linguistics : ['NNS']	
importance	: ['NN']	weak : ['JJ']	
deliver	: ['VB']	ld : ['NNP']	
tolman	: ['NNP']	<pre>prediction : ['VBZ', 'NN', 'NNP']</pre>	
implementing	: ['VBG']	document-based : ['JJ']	
hypothesis	: ['NNS']	traffic : ['NN', 'NNP']	
key	: ['NN', 'JJ', 'NNP']	suf?cient : ['JJ']	
interchangeable	: ['JJ']	e-learning : ['JJ', 'NN', 'NNP']	
optional	: ['JJ']	distribution : ['NNS', 'NN']	
jon	: ['NNP']	undetermined : ['JJ']	
restrictions	: ['NNS']	p2p : ['NN', 'NNP']	
commenting	: ['VBG', 'NN', 'NNP']	limits : ['VBZ']	
epidemics	: ['NNS']	freely : ['RB']	
taking	: ['VBG']	tf-idf : ['NNP']	
equal	: ['JJ', 'CD']	minds : ['NNS', 'NNP']	
etc	: ['FW']	edinburgh : ['NNP']	
ranked	: ['VBN']	streams : ['VBZ', 'NNS', 'NN']	
party	: ['NN']	tactical : ['JJ']	
attributes	: ['VBZ', 'NNPS', 'NNS', 'NNP']	passing : ['VBG', 'NNP']	
estimation	: ['NN']	fayyad : ['NNP']	

The the _ reprogram _ composite _ re	olution i i diolott	2010-1-1/12011 1011
invites	: ['VBZ']	otherwise : ['RB']
comment	: ['VB', 'NN']	detailed : ['JJ']
ci	: ['NN', 'NNP']	unclear : ['JJ']
pconnecting	: ['VBG']	agents : ['NNS']
gone	: ['VBN']	deal : ['VB', 'NN']
superlink	: ['NN']	576 : ['CD']
environments	: ['NNS']	influencing : ['VBG']
distinguish	: ['VB', 'VBN', 'JJ']	waved : ['VBG', 'VBN', 'VBD']
maximize	: ['VB']	modeling : ['VB', 'VBG', 'NN', 'VBN', 'JJ', 'VBZ', 'NNP']
CS	: ['NNP']	table : ['NN', 'NNP']
largest	: ['JJS']	li : ['NN', 'NNP']
lies	: ['VBZ']	unclean : ['JJ']
equips	: ['VBZ']	provinces : ['NNS']
much	: ['RB', 'JJ']	inter-resource : ['JJ']
addition	: ['NN']	trajectory : ['NN', 'JJ']
arises	: ['VBZ']	challenged : ['VBN', 'VBD']
	sparql-query/: ['JJ']	e-presence : ['JJ']
sercurity	: ['NNP']	taste : ['NN']
genetic	: ['NNP']	teamwork : ['NN']
mirrors	: ['NNS']	indicators : ['NNPS', 'NNS']
degrees	: ['NNS']	utilizing : ['VBG']
waste	: ['NN']	trend : ['NN']
su?cient	: ['JJ']	suggested : ['VBN', 'VBD']
senses	: ['VBZ', 'NNS']	corresponding : ['VBZ', 'VBN', 'JJ']
c.	: ['NN', 'NNP']	route : ['VB', 'NN']
coherence	: ['VB', 'NN', 'NNP']	subspace : ['NN']
collaborators	: ['NNS']	tycho : ['NNP']
sales	: ['NNS']	2015 : ['VBZ']
ensuring	: ['VBG']	sensed : ['VBN', 'JJ', 'VBD']
slowing	: ['VBG']	clusters : ['NNS']
improved	: ['VBG']	c1 : ['CD', 'NNS', 'JJ', 'NNP']
general	: ['JJ', 'NN', 'NNP']	golf : ['NN']
present	: ['JJ', 'NN']	34,45,46 : ['CD']
k-lines	: ['NNS']	novel : ['NN']
13,14	: ['CD']	splits : ['VBZ']
unlike contexts	: ['IN']	<pre>ap : ['NN'] defining : ['VBG']</pre>
harder	: ['NNS']	
	: ['JJR']	cvs : ['NNP'] will : ['MD', 'NN']
value	: ['NN', 'NNP']	
phishing	: ['VBG']	propagated : ['VBN']
ar	: ['NNP']	archival : ['NN']
rbi	: ['NNP']	country : ['NN']
ful?lled	: ['VBN']	pictures : ['VBZ', 'NNS', 'NNP']
revisited	: ['VBN']	extracts : ['VBZ']
inherits	: ['VBZ']	layer : ['VBG', 'NN']
uncertainty	: ['NN']	ekin : ['NNP']
manually	: ['RB']	almost : ['RB']
molecular	: ['JJ']	murphy : ['NNP']
intangible	: ['JJ']	thus : ['RB']

		· · · ·	
.10	: ['CD']	surface : ['NN']	
mostly	: ['RB']	hardware : ['NN']	
micronemes	: ['VBZ']	examined : ['VBN']	
kuhn	: ['NNP']	dual : ['JJ']	
www.w3.org/submiss		gregating : ['VBG']	
cocite	: ['NN']	descriptive : ['JJ']	
sequentially	: ['RB']	capture : ['VB', 'NN']	
ing	: ['NN']	productivity : ['NN']	
disparate	: ['JJ']	generic : ['JJ']	
humanized	: ['JJ']	privileges : ['NNS']	
administration	: ['NN']	cross : ['VBP', 'NN', 'JJ']	
unite	: ['VB']	member : ['NN']	
unity	: ['NN']	parts : ['NNS']	
digital	: ['JJ']		
=			
smarter	: ['RBR']	units : ['NNS']	
sameconf	: ['NN']	most-cited : ['JJ']	
behaving	: ['VBG']	infer : ['VB']	
difficult	: ['JJ']	swrl : ['NNP']	
material	: ['JJ', 'NN']	http : ['NNP']	
unconventional	: ['JJ']	solved : ['VBD', 'VBN']	
mathematic	: ['JJ']	u1 : ['NNP']	
conceived	: ['VBD']	mutual : ['JJ']	
automation	: ['VB']	v1 : ['NNS']	
compared	: ['VBN', 'VBD']	transformational : ['JJ']	
architectures	: ['NNS']	student : ['NN', 'NNP']	
frequently	: ['RB']	<pre>judgment : ['NN']</pre>	
contribution	: ['NN']	expand : ['VB', 'VBP']	
keep	: ['VB', 'VBP']	polymorphism : ['NN']	
instead	: ['RB']	jim : ['NNP']	
internet-centric	: ['NNP']	center : ['NN']	
neural	: ['NN', 'NNP']	http://www.ibm.com/cloud-computing/bluemix/:	
['NNP']			
builder	: ['NNP']	<pre>modeled : ['VBN', 'VBD']</pre>	
well	: ['RB']	thought : ['NNP', 'VBN', 'NN', 'VBD']	
patterns	: ['VB', 'NNS']	<pre>goal-directed : ['JJ']</pre>	
sets	: ['VBZ', 'NNS']	firstly : ['VBP', 'RB']	
comparisons	: ['NNS']	user-friendly : ['JJ']	
audio	: ['JJ', 'NN']	arising : ['VBG', 'JJ']	
depict	: ['VB']	meet : ['VB']	
logic-based	: ['JJ']	ccps : ['NNP', 'NNS']	
bottom	: ['JJ', 'NN']	stores : ['NNS']	
sameconference	: ['NN']	less : ['JJR', 'RBR']	
increasingly	: ['RB']	hybrid : ['JJ', 'NN']	
accurate	: ['VBG', 'JJ']	semiotics : ['NNS']	
time-constrained	: ['JJ']	obtain : ['VB']	
small-world	. ['JJ']	sources : ['NNS']	
identifies	. [33] : ['VBZ']	underlying : ['VBG', 'RB', 'JJ']	
40			
	: ['CD']	•	
joining ——————————————————————————————————	: ['VBG']	localize : ['VB']	

1.\FII.D_Nprogram\ciipse\cc_re	iation(vvr) dic.txt		2010年7月20日 13
rest	: ['NN']	41	: ['CD']
macroscopic	: ['JJ']	coordination	: ['VB', 'NN']
low-level	: ['JJ']	time-consuming	: ['JJ']
inmon	: ['NNP']	web	: ['NN', 'JJ', 'NNP']
rapid	: ['JJ']	e-science	: ['NN', 'JJ']
density	: ['NN']	supply	: ['NN']
gmin	: ['VB', 'NNP']	recommending	: ['VBG']
discuss	: ['VB']	reasons	: ['VBZ', 'NNS']
add	: ['VB', 'VBP']	book	: ['NN', 'NNP']
extends	: ['VBZ']	attractive	: ['JJ']
author-affiliation	: ['JJ']	propositions	: ['MD', 'NNS', 'JJ']
usage	: ['VBP', 'NN']	close-loop	: ['NN', 'JJ']
challenges	: ['NNS']	successor	: ['NN']
match	: ['VB', 'VBP']	self-contained	: ['JJ']
identical	: ['JJ']	nenkova	: ['NNP']
multi-step	: ['JJ']	increased	: ['VBN']
articles	: ['NNS']	checking	: ['VBG']
refinements	: ['NNS']	decidable	: ['JJ']
non-null	: ['JJ']	increases	: ['VBZ']
simonos	: ['NNP']	five	: ['CD']
know	: ['VB', 'VBP', 'NN']	facial	: ['JJ']
deployment	: ['NN']	immediately	: ['RB']
variants	: ['NNS']	2nd	: ['JJ']
domains	: ['NNS']	rc-nf2	: ['NNP', 'NN', 'JJ']
inheriting	: ['VBG']	insert	: ['VB', 'NN']
necessary	: ['JJ']	like	: ['VB', 'VBP', 'JJ', 'IN']
transmitting	: ['VBG']	sizes	: ['NNS']
crawled	: ['VBD', 'JJ']	dictionaries	: ['NNS']
user-defined	: ['JJ']	accelerating	: ['VBG']
loses	: ['VBZ']	1.	: ['NNP', 'NN']
c1y	: ['NNS']	c1x	: ['NNS']
subsystem	: ['NN']	become	: ['VB', 'VBP', 'VBN']
affect	: ['VB', 'VBP']	works	: ['VBZ', 'NNS']
soft	: ['JJ']	page	: ['VB', 'NN', 'IN']
regardless	: ['RB']	replacement	: ['NN']
accessible	: ['JJ']	indications	: ['NNS']
because	: ['RB', 'IN']	grids	: ['NNS', 'NNP']
sequence	: ['NN', 'NNP']	shen	: ['NNP']
repositories	: ['NNS']	twitter	: ['NNP']
church	: ['NNP']	phenomena	: ['NNS', 'NN']
searching	: ['VBG', 'NN', 'JJ']	authority	: ['NN']
self	: ['NN']	ideals	: ['NNS']
platforms	: ['NNS']	growth	: ['NN']
superclass	: ['NNS']	convey	: ['VB']
recommendation	: ['NN']	proper	: ['JJ']
home	: ['NN']	listed	: ['VBN']
neglecting	: ['VBG', 'JJ']	vsm	: ['NNP']
recognition	: ['VB', 'NN', 'NNP']	happens	: ['VBZ']
sensory	: ['NNS']	leaf	: ['NN']

F:\Pn.D_1\program\Eclipse\CE_rel	ation\wPFdic.t	α		2016年7月20日 15:12
collaborative	: ['NN'	, 'JJ', 'NNP']	lead	: ['VB', 'VBP']
overlay	: ['NN']	broad	: ['JJ']
avoid	: ['VB']	emotions	: ['NNS']
overlap	: ['NN']	constantly	: ['RB']
k1	: ['NNP	']	referential	: ['JJ']
does	: ['VBZ	']	civilization	: ['NN']
economical	: ['JJ']	assuming	: ['VBG']
1,5,19,20,26	: ['CD']	12	: ['NNP', 'NN', 'CD']
chains	: ['NNS	']	demonstrated	: ['VBN']
mode	: ['NN']	locate	: ['VB', 'VBP']
biology	: ['NN']	inter-connected	: ['JJ']
obey	: ['VB'	, 'RB']	reaching	: ['VBG']
selecting	: ['VB'	, 'VBG', 'JJ', 'NNP']	journal	: ['NN', 'NNP']
11	: ['CD'	, 'NN', 'JJ', 'NNP']	analysed	: ['VBN']
expansion	: ['NN']	self-organization	: ['VB', 'NN']
pressure	: ['NN']	doctors	: ['NNS']
although	: ['IN']	instinct	: ['JJ', 'NN']
fused	: ['VBN	']	e10	: ['NN', 'NNS', 'JJ', 'CD', 'NNP', 'NNPS']
includes	: ['VBZ	']	allenby	: ['NNP']
preventing	: ['VBG	']	stage	: ['NN']
deriving	: ['VBG	']	about	: ['RB', 'IN']
eco-grid	: ['NN'	, ' JJ']	distilling	: ['VBG']
extension	: ['NN'	, 'NNP']	co-authors	: ['NNS']
universe	: ['NN'		cocited	: ['VBD']
introduces	: ['VBZ	']	dependence	: ['NN', 'NNP']
recognized	: ['VBN	']	hot	: ['JJ']
compatible	: ['VB'		dependency	: ['NNS', 'NN']
carries	: ['VBZ		a2	: ['NNS', 'NNP']
rsk	: ['NN'		co-experiencing	: ['VBG', 'JJ', 'NN', 'NNP']
transitive	: ['JJ'		software	: ['NN']
converging	: ['VBG	_	owl	: ['NNP']
blind	: ['JJ'		own	: ['JJ']
prominently	: ['RB'	-	previously	: ['RB']
euclidean-distance	: ['NN'		functional	: ['JJ', 'CD']
up-closures	: ['NNS	=	assess	: ['VB']
thief	: ['NN'		national	: ['NNP']
artists	: ['NNS		roads	: ['NNS']
ei	: ['NNP		browser	: ['NNP']
fraud	: ['NN'		skg	: ['NNP']
1986	: ['CD'		1984	: ['CD']
1985	: ['CD'		1982	: ['CD']
1983	: ['CD'		elastic	: ['JJ']
synthesized	: ['JJ'		artifacts	: ['NNS', 'VBG', 'NNP']
transfer	: ['NN'		museum	: ['NN']
outline	: ['VB'		soil	: ['NN']
spiral	: ['NN'		1988	: ['CD']
1989		, 'NNP']	synthesizes	: ['VBZ']
intention	: ['NN'		describes	: ['VBZ']
slow-motion	: ['JJ'	J	human-to-nature	: ['NN']

1.1FII.D_T\program\cirpse\ci	Telation(vvF) dic.txt		2010年1月20日 15.12
biggest	: ['JJS']	is-a	: ['NNP']
ors1	: ['NNP']	subsite	: ['JJ']
naturally	: ['RB']	function	: ['NN']
real-time	: ['VB', 'NN', 'JJ', 'NNP']	triggered	: ['VBN']
persistent	: ['JJ']	bus	: ['NN']
fcm	: ['NNP']	stories	: ['NNS']
but	: ['CC']	hu	: ['NNP']
subjective	: ['JJ']	privilege	: ['NN']
repeated	: ['VBN', 'JJ']	construction	: ['NN']
goals	: ['NNS']	automated	: ['VBN']
convergence	: ['NN']	helpful	: ['JJ']
editing	: ['NNP']	speci?c	: ['NN', 'JJ']
eat	: ['VB']	versatile	: ['VB', 'NN', 'JJ']
he	: ['PRP']	count	: ['VB']
also	: ['RB']	initiate	: ['VBP']
made	: ['VBN']	compute	: ['VB', 'RB']
places	: ['NNS']	chained	: ['VBN']
whether	: ['VB', 'IN']	ecosystem	: ['NN']
cells	: ['NNS']	consensuses	: ['NNS']
describe	: ['VB']	formalized	: ['VBN']
placed	: ['VBN']	lagging	: ['VBG']
frequency	: ['NN']	limit	: ['VBP']
ruling	: ['VBG']	demonstrate	: ['VB', 'VBP']
problem	: ['NN']	piece	: ['NN']
2,15,43	: ['CD']	display	: ['VB', 'NN']
strengthens	: ['VBZ']	mechanics	: ['NNS']
foster	: ['NNP']	farthest	: ['JJS']
informatic	: ['JJ']	int	: ['NN', 'NNP']
recognize	: ['VB']	universal	: ['JJ']
contribute	: ['VB', 'VBP']	graphical	: ['JJ']
dissemination	: ['NN']	denote	: ['VB', 'VBP', 'RB', 'NN']
separating	: ['VBG', 'NNP']	awaits	: ['VBZ']
www.ruleml.org	: ['VBG']	webpages	: ['NNS']
83	: ['CD']	in?uence	: ['VB', 'VBP', 'JJ', 'NN']
reflecting	: ['VBZ', 'VBG']	education	: ['VB', 'NN']
subtitles	: ['NNS']	programmer	: ['NN']
lsm	: ['NNP']	functions	: ['NNS', 'NNP']
81	: ['CD']	descriptions	: ['NNS']
top-down	: ['JJ']	48	: ['CD']
49	: ['CD']	46	: ['CD']
47	: ['CD']	44	: ['CD']
45	: ['CD']	42	: ['CD']
treatment	: ['NN']	virtual	: ['JJ']
87	: ['CD']	other	: ['JJ']
compares	: ['VBZ']	details	: ['NNS']
sick	: ['JJ']	analogizing	: ['VBD']
85	: ['CD']	turkeltaub	: ['NNP']
conclusion	: ['NN', 'JJ']	monkey	: ['NN']
repeat	: ['VBZ', 'VB', 'VBD']	kinds	: ['NNS']

diagnosis	: ['NN']	living	: ['VBG', 'NN', 'JJ']
cpsocio	: ['NNP']	setting	: ['VBG']
ultimately	: ['RB']	variation	: ['NN']
vistingscholarof	: ['NN']	ecological	: ['JJ']
pathways	: ['NNS']	astronomy	: ['NN']
friends	: ['NNS']	inspiration	: ['NN']
designers	: ['NNS']	roadmaps	: ['NNS']
coupling	: ['NN']	adaptable	: ['JJ']
ranks	: ['NNS']	suit	: ['VB']
frontier	: ['NN']	diameter	: ['NN']
agrawal	: ['NNP']	rule	: ['VB', 'NN', 'VBN', 'VBZ', 'NNS', 'NNP']
strings	: ['NNS']	profit	: ['NN']
portion	: ['NN']	compete	: ['VB']
volumes	: ['NNS']	ct	: ['NNP']
rural	: ['JJ']	4d	: ['CD']
479	: ['NNP']	expands	: ['VBZ']
indirectly	: ['RB']	million	: ['CD']