











NE Type	S	
Туре	Tag	Sample Categories
People	PER	Individuals, fictional characters, small groups
Organization	ORG	Companies, agencies, political parties, religious groups, sports team
Location	LOC	Physical extents, mountains, lakes, seas
Geo-Political Entity	GPE	Countries, states, provinces, counties
Facility	FAC	Bridges, buildings, airports
Vehicles	VEH	Planes, trains, and automobiles
11/11/11		CSCI 5417 - IR 7

Type	Example				
People	<i>Turing</i> is often considered to be the father of modern computer science.				
Organization	The IPCC said it is likely that future tropical cyclones will become more intense.				
Location	The Mt. Sanitas loop hike begins at the base of Sunshine Canyon.				
Geo-Political Entity	<i>Palo Alto</i> is looking at raising the fees for parking in the University Avenue district.				
Facility	Drivers were advised to consider either the <i>Tappan Zee Bridge</i> or the <i>Lincoln Tunnel</i> .				
Vehicles	The updated Mini Cooper retains its charm and agility.				

Name	Possible Categories
Washington	Person, Location, Political Entity, Organization, Facility
Downing St.	Location, Organization
IRA	Person, Organization, Monetary Instrument
[<i>DERS</i>] Washingto [<i>ORG</i>] Washingto Blair arrived in In June, [<i>GPE</i>] W	[LOC Washington] for what may well be his last state visit. [$ashington$] passed a primary seatbelt law.















NE	Nord c	ass s			Gram	matical c	hun	k
		Features American Airlines	NNP NNPS	B _{NP} I _{NP}	cap cap	Label Borg Iorg		
The wor	d itsel	f_ _{it}	DT NN	B _{NP} I _{NP}	lower lower	00		
		of AMR	IN NNP	B _{PP} B _{NP}	lower upper	Ba Cap	itali	zation
		Corp.	PUNC	I _{NP} O	cap_punc punc	I _{ORG} O		
		immediately matched	KB VBD	B _{ADVP} B _{VP}	lower	0		
		the	DT	B _{NP}	lower	0		
		move	NN	I _{NP}	lower	0		
		, spokesman	NN	BND	lower	0		
		Tim	NNP	INP	cap	BPER		
		Wagner	NNP	I _{NP}	cap	IPER		
		said	VBD	B _{VP}	lower	0		
			PUNC	0	punc	0		
11/11/	11			CSCI	5417 - IR			17







Relation Types

 As with named entities, the list of relations is application specific. For generic news texts...

Relations		Examples	Types
Affiliations			
	Personal	married to, mother of	$\mathtt{PER} \to \mathtt{PER}$
	Organizational	spokesman for, president of	$\text{PER} \rightarrow \text{ORG}$
	Artifactual	owns, invented, produces	$(PER \mid ORG) \rightarrow ART$
Geospatial			
	Proximity	near, on outskirts	$\text{LOC} \rightarrow \text{LOC}$
	Directional	southeast of	$\text{LOC} \rightarrow \text{LOC}$
Part-Of			
	Organizational	a unit of, parent of	$\mathrm{ORG} ightarrow \mathrm{ORG}$
	Political	annexed, acquired	$\text{GPE} \to \text{GPE}$





































The insurance folks were nice enough to set me up with a rental car until I get my settlement offer. Perfect, since I was planning to rent one to go to Vancouver this weekend anyway, and now its free. They paid for a "standard" size car, which means huge. I asked for something smaller with better fuel economy and ended up with a Kia Rondo in "velvet blue." It is indeed the color of Isabella Rossellini's bathrobe in Blue Velvet.

Every time I drive a rental car I'm a bit appalled. My antique vehicle not only got better gas mileage than most new cars, but it had leg room and head room and ample windows for seeing out. New cars have tiny, low windows with blind spots all over the place. This Kia is ridiculous. It seems to be made for very tall people with very short legs. High ceilings, but the back seat is practically up against the front seat, and the hauling capacity is not better than, say, a Prius.

11/11/11

CSCI 5417 - IR

39































