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Newsgroups: comp.ai.nat-lang,comp.ai,comp.answers,news.answers Subject: Natural Language Processing FAQ Followup-To: comp.ai.nat-lang Distribution: Organization: Columbia University, Dept. of Computer Science, NYC Keywords: language natural processing computational linguistics Cc: Approved: news-answers-request@MIT.EDU Summary: This posting contains Frequently Asked Questions (FAQ) about natural language processing and their answers. It should be read by anyone who wishes to post to the comp.ai.nat-lang newsgroup. Last-Modified: Thu Sep 16 10:48:58 EDT 1999 Posting-Frequency: Monthly Version: 0.1 Archive-Name: natural-lang-processing-faq This is the latest release of an FAQ (frequently asked questions and answers) list for the comp.ai.nat-lang newsgroup. Please don't hesitate to send me any comments, be they positive or negative. There are many blank spots in the FAQ, please help fill them. Copyright (c) 1994-1999, Dragomir R. Radev. All rights reserved. Permission to distribute this FAQ by all volatile electronic means (mailing lists, FTP, WWW, Usenet news, etc.) is hereby given under the restriction that the file is not modified and all disclaimers and acknowledgements remain intact. This permission does NOT apply to CD-ROMS and/or commercial printed publications. All requests for republication in this case should be referred to the FAQ maintainer (radev@cs.columbia.edu) Many people have contributed to this FAQ. A list of credits is shown at the end of the message. TABLE OF CONTENTS [1] What is this FAQ all about [2] What is Computational Linguistics [3] What is comp.ai.nat-lang [4] How to get updates to this FAQ [5] World-Wide Web resources. [6] Which schools offer graduate programs in CL/NLP [7] How to apply to graduate school in CL/NLP in the USA [9] Major non-academic research laboratories [10] What major publications exist in the field [11] Bibliographies [12] Electronic mailing lists [13] Newsgroups [14] Professional Organizations, Associations [15] Major Conferences [16] Evaluation Competitions [17] How to join a mailing list [18] How to obtain files by anonymous ftp [19] FTP repositories [20] What are some important books in NLP [21] Encyclopedia of Artificial Intelligence [22] Machine Translation [23] What are the major accomplishments of the field [24] Publishers [25] Credits Disclaimers and Notes

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 Please read this FAQ list before posting to comp.ai.nat-lang The FAQ is a collection of materials, rather than a complete reference. Some of the information may be out of date, so please be careful and take everything with a grain of salt. The maintainer, Dragomir R. Radev (radev@cs.columbia.edu), doesn't assume any responsibility for wrong information. The list of contributors to the FAQ appears at the end of this document. Any comments, contributions, and corrections are more than welcome. Please help make the FAQ really helpful and interesting. 		
[1] What is this FAQ all about		
This is an attempt to put together a list of frequently (and not so frequently) asked questions about Natural Language Processing and their answers. This document is in no way perfect or complete or 100% accurate. In no way should the maintainer be responsible for damage resulting directly or indirectly from using information in this FAQ.		
The FAQ originated from Mark Kantrowitz's FAQ on AI. Some questions in the present document come directly from Mark's original FAQ (available at http://www.faqs.org).		
This FAQ is maintained by Dragomir R. Radev from Columbia University. Please send me all your comments, suggestions, corrections, additions, and such to my e-mail address:		
radev@cs.columbia.edu		
[2] What is Computational Linguistics		
Computational linguistics (CL) is a discipline between linguistics and computer science which is concerned with the computational aspects of the human language faculty. It belongs to the cognitive sciences and overlaps with the field of artificial intelligence (AI), a branch of computer science that is aiming at computational models of human cognition. There are two components of CL: applied and theoretical.		
The applied component of CL is more interested in the practical outcome of modelling human language use. The goal is to create software products that have some knowledge of human language. Such products are urgently needed for improving human-machine interaction since the main obstacle in the interaction beween human and computer is one of communication. Today's computers do not understand our language, and humans have difficulties understand the computer's language, which does not correspond to the structure of human thought.		
Natural language interfaces enable the user to communicate with the computer in German, English or another human language. Some applications of such interfaces are database queries, information retrieval from texts and so-called expert systems. Current advances in recognition of spoken language improve the usability of many types of natural language systems. Communication with computers using spoken language will have a lasting impact upon the work environment, opening up completely new areas of application for information technology.		
Although existing CL programs are far from achieving human ability, they have numerous possible applications. Even if the language the machine understands and its domain of discourse are very restricted, the use of human language can increase the acceptance of software and the productivity of its users.		
Much older than communication problems between human beings and machines are those between people with different mother tongues. One of the		

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original goals of applied computational linguistics was fully automatic translation between human languages. From bitter experience scientists have realized that they are far from achieving this. Nevertheless, computational linguists have created software systems which can simplify the work of human translators and clearly improve their productivity.

The future of applied computational linguistics will be determined by the growing need for user-friendly software. Even though the successful simulation of human language competence is not to be expected in the near future, computational linguists have numerous immediate research goals involving the design, realization and maintenance of systems which facilitate everyday work, such as grammar checkers for word processing programs.

Theoretical CL takes up issues in formal theories. It deals with formal theories about the linguistic knowledge that a human needs for generating and understanding language. Today these theories have reached a degree of complexity that can only be managed by employing computers. Computational linguists develop formal models simulating aspects of the human language faculty and implement them as computer programmes. These programmes constitute the basis for the evaluation and further development of the theories. In addition to linguistic theories, findings from cognitive psychology play a major role in simulating linguistic competence. Within psychology, it is mainly the area of psycholinguistics that examines the cognitive processes constituting human language use.

The special attraction of computational linguistics lies in the combination of methods and strategies from the humanities, natural and behavioural sciences, and engineering.

[3] What is comp.ai.nat-lang

Here follows the original charter for comp.ai.nat-lang.

Name: comp.ai.nat-lang

Moderation: This group will be unmoderated.

Purpose: To discuss issues relating to natural language, especially computer-related issues from an AI viewpoint. The topics that will be discussed in this group will concentrate on, but are not limited to, the following:

- * Natural Language Understanding
- * Natural Language Generation
- * Machine Translation
- * Dialogue and Discourse Systems
- * Natural Language Interfaces
- * Parsing
- * Computational Linguistics
- * Computer-Aided Language Learning

This group will avoid discussing issues that are more properly covered by other newsgroups. For example, speech synthesis should be discussed in comp.speech. However, due to the interdisciplinary nature of the field, there may be overlap in material between other groups. To try to keep this to a minimum, topics should pertain to computer-related aspects of natural language.

Rules of Decorum: Because of the unmoderated format, anyone with access to this newsgroup will be able to post without review. This is meant to encourage discussion of the topics. Please refrain from "flames" or unnecessary criticism

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		of a person's viewpoints or personality in a harsh or insulting manner. Criticisms should constructive and polite whenever possible.	
[4] How to get updates to this FAQ			
This FAQ is available currently from the following newsgroups: comp.ai.nat-lang, comp.answers, comp.ai, and news.answers It is posted once a month although updates are made less often.			
The official archive of the above newsgroups is at MIT. You can get a copy of the FAQ from ftp://rtfm.mit.edu/pub/usenet-by-hierarchy/comp/ai/nat-lang			
Another major site with lots of FAQs (including this one) is http://www.faqs.org			
The cu http:/	urrent copy c //www.aclweb.	can also be retrieved from the following URL: org/faq/nlpfaq.txt	
 [5] Wo	 orld-Wide Web	resources.	
GENER	AL RESOURCES	AND CATALOGS	
5.1.	The Associat http://www.a	cion for Computational Linguistics site: aclweb.org	
	The Associat internationa	tion for Computational Linguistics is the major al organization in the field.	
5.2.	The ACL NLP/ http://www.a	'CL Universe: aclweb.org/u/db/acl/	
	The largest Processing r which should	index of Computational Linguistics and Natural Langu resources on the Web. It features a search engine a allow you to find specific NLP-related Web pages.	age
5.3.	The Computat http://xxx.l	ion and Language E-Print Archive anl.gov/archive/cs/	
	The Computat electronic a computationa speech proce	tion and Language E-Print Archive is a fully automate archive and distribution server for papers on al linguistics, natural-language processing, essing, and related fields.	d
5.4.	The Survey of http://www.c	of the State of the Art of Human Language Technology cse.ogi.edu/CSLU/HLTsurvey/	
	This book su technology. with an over capabilities challenges t human comput	The goal of the art of human language The goal of the survey is to provide an interested r view of the fieldthe main areas of work, the and limitations of current technology, and the tech that must be overcome to realize the vision of gracef er interaction using natural communication skills.	eader nical ul
5.5.	The Linguist http://www.l	ic Data Consortium .dc.upenn.edu/	
	The Linguist companies ar and distribu resources for Pennsylvania	tic Data Consortium is an open consortium of universing and government research laboratories. It creates, coll ates speech and text databases, lexicons, and other or research and development purposes. The University a is the LDC's host institution.	ties, ects of

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5.6.	The Language Technology Helpdesk http://www.ltg.ed.ac.uk/helpdesk/faq/index.html		
	Frequently-asked questions of the Human COmmunication Research Centre at U. Edinburgh.		
RESOU	JRCES ON DIFFERENT TOPICS		
5.7.	Head-Driven Phrase Structure Grammar http://julius.ling.ohio-state.edu/HPSG/Hpsg.html		
	The HPSG offers current information relating to various aspects of the grammar formalism and linguistic theory of Head-Driven Phrase Structure Grammar, a constraint-based, lexicalist approach to grammatical theory that seeks to model human languages as systems of constraints on typed feature structures.		
5.8.	Lexical Functional Grammar http://clwww.essex.ac.uk/LFG/		
	This site provides access to information about various aspects of the grammatical theory known as Lexical Functional Grammar (LFG).		
5.9.	Word Grammar http://www.phon.ucl.ac.uk/home/Word-Grammar/wig-www.htm		
	This site houses publications on Word-Grammar and has some information on the group and its meetings.		
[6] 1	Which schools offer graduate programs in CL/NLP		
This infor edito Unive is no some	This list is, *of course*, completely preliminary. Please send me information about other programs. I will try and get in touch with the editors of the ACL guide to Graduate Programs in CL for more information. Universities are given in alphabetical order. If a certain university is not included now and you feel it must be included, please send me some information about it.		
Austi	ralia:		
Melbo Micro	Melbourne, University of Microsoft Institute of Advanced Software Technology in association with Macquarie University		
Canad	la:		
Montr Ottav Simor Toror Water	Montreal, University of Ottawa, University of Simon Fraser University Toronto, University of Waterloo, University of		
Finla	Finland:		
Helsi	Helsinki, University of		
Franc	France:		
Paris	s 7, Jussieu, University of		
Germa	Germany:		
Bonn, Heide	, University of elberg, University of		

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Humboldt University, Berlin Koblenz-Landau, University of Munich, University of Osnabrueck, University of Saarland, University of the Potsdam, University of Stuttgart, University of Tuebingen, University of Italy: Pisa, University of Trento, University of Japan: Kyoto University Korea: Pohang University of Science and Technology, Pohang Netherlands: Amsterdam, University of Groningen, University of Nijmegen, University of Tilburg, University of Utrecht, University of Sweden: Goteborg (Gothenburg), University of Skoevde, University of Uppsala, University of Switzerland: Geneva, University of Zurich, University of זע: Brighton, University of Cambridge, University of Durham, University of Essex, University of Edinburgh, University of Sheffield, University of Sussex, University of University of Manchester Institute of Science and Technology USA: Brown University Buffalo, SUNY at California at Berkeley, University of California at Los Angeles, University of Carneqie-Mellon University Columbia University Cornell University Delaware, University of Duke University Georgetown University Georgia, University of Georgia Institute of Technology

Harvard University Indiana University Johns Hopkins University Massachusetts at Amherst, University of Massachusetts Institute of Technology Michigan, University of New Mexico State University New York University Pennsylvania, University of Rochester, University of Southern California, University of Stanford University SUNY, Buffalo Wisconsin - Milwaukee, University of Yale University _____ [7]How to apply to graduate school in CL/NLP in the USA Usually, the best timetable is as follows (given that M is the month when your studies would start, usually, in September) M - 24 : Try to clarify your interests: is it really NLP that you are interested in? What possible subfields might be of interest to you? ...etc. Remember: 5 years working in an area you are not interested in will be a very painful experience. M - 18 : Read publications in the area of your interest in order to discover the best places for you. Pay close attention to the specific fields of research: which professors are most active in those fields, and which institutions. Remember: Unless you are familiar with the most current research, you will not be able to find the best place for you. M - 18 : Go to your local library and consult some of the available directories (see [3-3]) - write down as much information as you can about some 15-25 universities. These universities form your preliminary list. Remember: There are some 100 universities in the USA offering NLP/CL programs. Some of them will be more attractive to you than others. M - 18 : Talk to your advisers at school, talk to other students, post questions on the Internet, visit departmental Web sites. This way you will get advice on a few more universities that you might have skipped until this moment. Remember: Others have faced what you are going through. Use their experience. M - 15 : Send letters to the universities that you have on your preliminary list. Make sure you indicate when do you want to start, what degree (MA, MS, Ph.D.) you are interested in, whether or not you will be applying for financial aid, whether you will need some special visa... Remember: Ask for all the information that you need; give them all the information they'd need to satisfy your request. M - 12 : Read carefully the information that you have received from the universities. Shorten your list of places to the number that you will eventually apply to (usually 5-8 is a good number). Remember: Make sure you include both your best choice

schools and some places where you are almost

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certain of getting accepted. M - 10 : Fill in all the forms that are sent to you, ask your professors to send reference letters to the schools directly. Remember: Professors will probably be very busy. Give them the reference forms as early as possible and make sure you specify a reasonable time for them to fill them in and send them out. M - 10: (or earlier) - take the necessary tests (GRE, TOEFL, or others) that the schools want. Make sure you tell the testing service which universities you want them to send your scores to. Remember: Time yourself through several practice tests. The GRE General test, for example, is more about mastery of timing than knowledge. M - 9 : (approximately) - mail your forms to the schools, preferably 2-3 weeks before the deadlines. Remember: You don't want your applications to get there at the same time as everyone else. Give the admissions committee some extra time to review your application. M - 6: usually six months before the beginning of the semester that you are applying for, you will get a letter saying whether you have been accepted. Remember: Usually, thick letters, e-mails, and telegrams mean acceptance. Thin one-sheet letters will most likely be disappointing for you. M - 5: now, you have been accepted to a few schools. Go back to the same resources that you used when you were deciding where to apply (journals, catalogs, directories, professors, etc.). Ask the schools that accepted you to fly you in for a visit (many will do this). Remember: Don't forget non-academic factors such as location, financial aid, the atmosphere in the department, etc. [9] Major non-academic research laboratories AT&T Research Labs BBN Systems and Technologies Corporation Bellcore, Morristown, NJ DFKI (German research center for AI) General Electric R&D IRST, Italy IBM T.J. Watson Research, NY Lucent Technologies Bell Labs, Murray Hill, NJ Microsoft Research, Redmond, WA MITRE NEC Corporation SRI International, Menlo Park, CA SRI International, Cambridge, UK Xerox, Palo Alto, CA XRCE, Grenoble, France -----[10] What major publications exist in the field 10.1. COMPUTATIONAL LINGUISTICS Computational Linguistics is the only publication devoted exclusively to the design and analysis of natural language processing systems. From this unique quarterly, university and industry linguists, computational linguists, artificial intelligence (AI) investigators, cognitive scientists, speech specialists, and

IVIAY 10, 00 13.40 raye 9/24 philosophers get information about computational aspects of research on language, linguistics, and the psychology of language processing and performance. Published by The MIT Press for: The Association for Computational Linguistics. URL: http://mitpress.mit.edu/journal-home.tcl?issn=08912017 10.2. JOURNAL OF NATURAL LANGUAGE ENGINEERING (JNLE) Editors: Dr B. K. Boguraev, IBM Thomas J. Watson Research Center, New York, USA Professor Roberto Garigliano, University of Durham, UK Dr John I. Tait, University of Sunderland, UK Published: March, June, September and December. ISSN:1351-3249. Natural Language Engineering is an international journal designed to meet the needs of professionals and researchers working in all areas of computerised language processing, whether from the perspective of theoretical or descriptive linguistics, lexicology, computer science or engineering. Its principal aim is to bridge the gap between traditional computational linguistics research and the implementation of practical applications with potential real-world use. As well as publishing research articles on a broad range of topics – from text analysis, machine translation and speech generation and synthesis to integrated systems and multi modal interfaces – the journal also publishes book reviews. Its aim is to provide the essential link between industry and the academic community 10.3. COMPUTER SPEECH & LANGUAGE (CS&L) Editors: Prof. S.J. Young & Dr. S.E. Levinson Send manuscripts (worldwide apart from the Americas) to: Prof. Steve Young, Cambridge University Engineering Dept., Trumpington Street, Cambridge, CB2 1PZ, England. Email: sjy@eng.cam.ac.uk Send manuscripts (from the Americas) to: Dr. Steve Levinson, Head Linguistics Reseach, AT&T Bell Laboratories, 600 Mountain Ave., Murray Hill, New Jersey 07974. USA. Email: sel@research.att.com US Subscription rates are \$170, with a personal rate of \$75. CS&L is published 4 times per year. The address for subscription orders is: Harcourt Brace and Company Limited, High Street, Foots Cray, Sidcup, Kent, DA14 SHP. England. 10.4. MACHINE TRANSLATION Published 4 times annually. ISSN 0922-6567. Subscriptions: Institutions \$141 plus \$16 postage; Individuals \$55 (members of ACL \$46). Kluwer Academic Publishers, PO Box 322, 3300 AH Dordrecht, The Netherlands, or Kluwer Academic Publishers, PO Box 358, Accord Station, Hingham, MA 02018-0358. 10.5. SPEECH TECHNOLOGY Published quarterly, since 1981. Media Dimensions, New York, NY, USA 10.6. NATURAL LANGUAGE & LINGUISTIC THEORY (NALA) Published quarterly. ISSN 0167-806X Subscriptions: Individual \$59,-/Dfl.156,-; Institutional \$200,-/Dfl.383,-including p&h. Kluwer Academic Publishers USA: Order Dept, Box 358, Accord Station, Hingham, MA 02018-0358. Phone

IVIAY 10, 00 13.40 **UUU3-UZI-33** raye 10/24 (617) 871-6600; Fax (617) 871-6528; E-mail: Kluwer@world.std.com Other: P.O.Box 322, 3300 AH Dordrecht, The Netherlands. Phone (31) 78 524400; Fax (31) 78 183273; Telex: kadc nl; E-mail: vanderLinden@wkap.nl 10.7. MIND AND LANGUAGE Editors: Cotheart, Davies, Guttenplan, Harris, Humphreys, Leslie, Smith, Wilson. 4 times annually Blackwell Publishers, Oxford, UK. 10.8. JOURNAL OF LOGIC, LANGUAGE AND INFORMATION Editor: Peter Gardenfors _____ [11] Bibliographies NLP/CL: For information on a fairly complete bibliography of computational linguistics and natural language processing work from the 1980s, send mail to clbib@csli.stanford.edu with the subject HELP. The CSLI linguistics bibliography contains 3,300 entries in bib/tib/refer format. The bibliography is heavily slanted towards phonetics and phonology but also includes a fair amount of computational morphology, syntax, semantics, and psycholinguistics. The bibliography can be used with James Alexander's tib bibliography system, which is available from minos.inria.fr [128.93.39.5] among other places. The bibliography itself is available by anonymous ftp from csli.stanford.edu:/pub/bibliography/ Contributions are welcome, but should be in tib format. For more information, contact Andras Kornai <kornai@csli.stanford.edu> NLG: Robert Dale's Natural Language Generation (NLG) bibliography is available by anonymous ftp from scott.cogsci.ed.ac.uk:/pub/nlg/ [129.215.144.3] Note that it is formatted for A4 paper. Stick in a line .94 .94 scale after the %! line to print on 8.5 x 11 paper. For further information, write to Robert Dale, University of Edinburgh, Centre for Cognitive Science, 2 Buccleuch Place, Edinburgh EH8 9LW Scotland, or <R.Dale@edinburgh.ac.uk> or <rdale@microsoft.com>. Mark Kantrowitz's Natural Language Generation (NLG) bibliography is available by anonymous ftp from ftp.cs.cmu.edu:/user/ai/areas/nlp/nlg/bib/mk/ [128.2.206.173] In addition to the tech report, the BibTeX file containing the bibliography is also available. The bibliography contains more than 1,200 entries. A searchable index to the bibliography is available via the URL http://liinwww.ira.uka.de/bibliography/Ai/nlg.html Additions and corrections should be sent to mkant@cs.cmu.edu. [12] Electronic mailing lists (This section is out of date - should be fixed for next release.) Information Retrieval: irlist <ir-l%uccvma.bitnet@vm1.nodak.edu> Natural Language and Knowledge Representation (moderated): nl-kr@cs.rpi.edu (formerly nl-kr@cs.rochester.edu)

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Gatewayed to the newsgroup comp.ai.nlang-know-rep. Natural Language Generation: siggen@black.bgu.ac.il LFG (Lexical-Functional Grammar): http://linguistlist.org/subscribing/sub-lfg.html Parsing: sigparse@cs.cmu.edu Statistics, Natural Language, and Computing: empiricists@csli.stanford.edu Colibri (weekly update on Conferences, Seminars, Jobs and Shareware in NLP and speech) colibri-request@let.ruu.nl Dependency Grammar dg@ai.uga.edu Prosody: listserv@purccvm.bitnet TEI: tei-l Text Analysis and Natural Language Applications: SCHOLAR@CUNYVM.BITNET Text Corpora: corpora-request@nora.hd.uib.no Speech production and perception: foNETiks <fonetiks@mailbase.ac.uk> LN: ln@frmop11.bitnet Linguist: linguist@tamvm1.tamu.edu ELSNET: elsnet-list@cogsci.ed.ac.uk Eastern (European) Language Engineering list: to join, send mail to poul_andersen@eurokom.ie Preprint archive mailing list For further information about (among other topics) submission of papers to the server, subscribing or canceling your subscription, requesting full text of any of the papers above, retrieving macro files for these papers, searching past listings, or submitting comments to the server operators, send a message: To: CMP-LG@XXX.LANL.GOV Subject: help _____ [13] Newsgroups alt.usage.english English grammar, word usages, and related topics. comp.ai.nat-lang Natural language processing by computers. Natural Language and Knowledge Representation. comp.ai.nlang-know-rep (Moderated)

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comp.speech	Research & applications in speech science	<u>ک</u>
sci.lang	Natural languages, communication, etc.	
alt.etext	Electronic texts.	
comp.text.sgml	ISO 8879 SGML structured documents markup languages	1
comp.theory.info-retrieval	Information Retrieval topics. (Moderated)	
comp.ai.doc-analysis.misc	General document understanding technologi	es
comp.internet.library	Discussing electronic libraries. (Moderat	.ed)
[14] Professional Organiza	tions, Associations	
ASSOCIATION FOR COMPUTATIO	NAL LINGUISTICS (ACL)	
Membership in the Associat	ion for Computational Linguistics is for t	he
calendar year, regardless	of when dues are paid. Membership includes	a
full year of the ACL journ	al, Computational Linguistics, reduced	
registration at most ACL-s	ponsored conferences, and discounts on Dayments for membership dues fund	
donations, back issues, and	d proceedings may be made in Europe or the	
USA.	a proceedings and se and in farope of one	
URL: http://www.aclweb.org		
(The rest of this section	is not up to date - should be fixed for ne	•xt
release):	is not up to date should be lined for he	20
ASSOCIATION FOR MACHINE TR.	ANSLATION IN THE AMERICAS (AMTA)	
655 Fifteenth Street, NW,	Suite 310, Washington, DC 20005	
Membership: \$40 Associate	members, \$65 active members, Institutional	\$200,
MT Vellow Pages	ceive the MI News international and the	
SIGNLL is the ACL Special	Interest Group on Natural Language Learnin	g
(language acquisition and :	related topics). To join, send mail to	
walter.daelemans@kub.nl or	use the forms on the SIGNLL home page. Fo	r
more information, see the	SIGNLL home page at the URL	
incep://www.cs.rurimburg	. III / ~aiitai / Sigiiii / Sigiiii - Home. Iitmi	
COGNITIVE SCIENCE SOCIETY		
Membership: \$50 individual	s, \$25 student. Add \$15 overseas postage.	
Members receive a copy of	the journal Cognitive Science without	
additional charge. Write t	o Alan Lesgold, Secretary/Treasurer,	
Cognitive Science Society,	LRDC, University of Pittsburgh, 3939	
al+@pitt_edu	PA 15200, Iax 1-412-024-9149, email	
AMERICAN ASSOCIATION FOR A	RTIFICIAL INTELLIGENCE (AAAI)	
AAAI, 445 Burgess Drive, M	enlo Park, CA 94025.	
phone 415-328-3123, fax 415-328-4457, info@aaai.org, membership@aaai.org,		
Membership includes Al Magazine, and the Al Directory:		
\$75 regular \$45 student \$100 institution/library (57 canadian)		
AAAI has several special is	nterest groups (SIGs) on medicine,	
manufacturing, business, a	nd law. (Add \$10/year for each subgroup.)	
Life memberships \$700 (US/	Canadian), \$1000 (Foreign)	
[15] Upcoming Conferences		
[15] Opcoming conterences		
2000		
The 2000 ACL App	lied Natural Language Processing	
Conference will	be organized jointly with the first North	
American CL Conf	erence. The joint NAACL-ANLP'00 conference	:
witt pe neta in i	CHE SPITHA OF 2000.	

IVIAY 10, 00 13.40 **UUUS-UZI-33** raye 13/24 URL: http://www.gte.com/anlp-naacl2000 Coling 2000 will be held in Luxembourg, Saarbruecken, and Nancy in August. ACL 2000 will be organized in Hong Kong in October. 2001 ACL 2001 will be held jointly with EACL 2001. The site has not been announced yet but will obviously be in Europe. 2002 Coling 2002 will be in Taipei, Taiwan. The site for ACL 2002 will be announced in 2001. For an updated list, check: http://www.cs.columbia.edu/~radev/newacl/conferences.html _____ [16] Evaluation Competitions TREC - DARPA Text Retrieval Conference Information retrieval using NLP/statistical techniques. http://trec.nist.gov NIST Spoken Language Technology Evaluations http://www.nist.gov/speech/test.htm MUC - DARPA Message Understanding Conference _____ [17] How to join a mailing list A: Most often, you have to send mail to the listserver at the site where the mailing list resides, and put "subscribe <listname> <yourname> in the body of the mail message. The underlined text is what you have to type in. Example: Mail listserv@tamvm1.tamu.edu Subject: some text here ~~~~~~~~~~ subscribe LINGUIST Dragomir R. Radev ~ _____ [18] How to obtain files by anonymous ftp A: There are many ways. The most common way, however, is using a local ftp client. Suppose you want to get the file /pub/editors/webster.tar.Z from ftp.uu.net Here is a sample session. You type in whatever is underlined here. \$ftp ftp.uu.net Connected to ftp.uu.net. 220 ftp.UU.NET FTP server Thu Apr 14 15:45:10 EDT 1994) ready. Name (ftp.uu.net:radev): anonymous ~~~~~

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331 Password required for anonymous. Password: radev@cs.columbia.edu (put your email address here) 230 Guest login ok, access restrictions apply. ftp> cd pub/editors ~~~~ ftp> binary ~~~~~ ftp> get webster.tar.Z ~~~~~~~~~ 200 PORT command successful. 150 Opening BINARY mode data connection for webster.tar.Z (148579 bytes). 226 Transfer complete. local: webster.tar.Z remote: webster.tar.Z 148579 bytes received in 2.2 seconds (67 Kbytes/s) ftp> quit \$ [19] FTP repositories (This section is out of date). 19.1. Consortium for Lexical Research (CRL) The Consortium for Lexical Research is designed to serve as a repository for software and resources of importance to the natural language processing research community. Sharable resources, and the task of centralizing lexical data and tools, are of foremost concern in lexical research and computational linguistics It is our objective to help alleviate the repeated recreation of basic software tools, and to assist in making essential data sources more generally available. CLR maintains a public ftp site, and a separate library of materials only for members of CLR. Currently CLR has about 60 members, mostly academic institutions, and almost every major natural language processing center in the U.S. belongs. Access to the members-only materials is strictly regulated by password and userid. Our catalog of current holdings is available by using anonymous ftp to clr.nmsu.edu 19.2. Oxford Text Archive (OTA) ftp ota.ox.ac.uk ota/textarchive.list the current catalogue There are two classes of texts available from this FTP server: (a) texts which are in TEI format and which we can make freely available (these all appear as category P texts in the shortlist) (b) texts which are available only under our standard conditions of use, (these all appear as category U or A in the shortlist) 19.3. University of Michigan Linguistics Archive (UMICH) ftp linguistics.archive.umich.edu /linguistics moderator: John Lawler (jlawler@umich.edu)

[20] What are some important books in NLP

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AUTHOR	TITLE	PAGES
	Department of Computer Science and Center for Cognitive Science State University of New York at Buffalo Buffalo, NY 14260 rapaport@cs.buffalo.edu	
	William J. Rapaport	
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