
Very Large Lexical Databases: A Tutorial Prepared for LingoMotors

James Pustejovsky
*LingoMotors Inc., 585 Mass. Ave.,
Cambridge, MA. 02139*
jamesp@lingomotors.com

Patrick Hanks
*LingoMotors Inc., 585 Mass. Ave.,
Cambridge, MA. 02139*
patrick@lingomotors.com

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*LingoMotors
Cambridge, MA*

THEMES AND ISSUES

1. Availability and Use of Very Large Corpora
2. Statistical techniques for corpus and word context analysis
3. Lexical Architecture motivated by Linguistic Data
4. Heuristics and Algorithms for Lexical Acquisition

TUTORIAL OUTLINE

1. Challenging Orthodox Assumptions about Lexicons
2. What is a Very Large Lexical Database?
3. Case Study 1: Contributions of Corpus Analysis to Lexicon Design
4. COFFEE BREAK
5. Lexicon Architectures: Possible versus Probable Meanings
6. Case Study 2: Brilliant Parser and Semantics meet Dull Reality: Reality Bites back
7. Round-up

INTRODUCTION:
CHALLENGING ORTHODOX ASSUMPTIONS ABOUT LEXICONS

Questions:

- (1) What can we do with existing lexical resources?
- (2) What are the evaluation criteria for a good NLP lexicon?
- (3) Where do lexicons come from, design or corpora?

Conclusions:

1. Regarding lexicons:

Lexicons are **for** something. The all-purpose lexicon is myth. There are shared structures, properties, features, forms, and contexts, but it is best to think of lexicons as multiple and application-driven.

2. Regarding senses:

Word senses do not exist as objects in themselves. Words **have** senses, but there are no senses independent of the contextualized word. (More precisely, a word has a

meaning potential, components of which are activated when a word is put together with other words in a context.)

SESSION 1:

WHAT IS A VERY LARGE LEXICAL DATABASE?

What's the relationship between corpus and lexicon?

- Corpus: an accumulation of tokens
- Lexicon: an ordered collection of word-types (spelling forms) or lemmas, with data attached.

As corpora grow, we can expect:

- i. A continuing flow of new nouns, especially proper names
- ii. Very few new verbs and adjectives; but increasing clarity about the way they are used
- iii. No new function words

A VLLDB will continuously accumulate names and other nouns, as they are observed. It will also identify the combinatorics of verbs and other common words.

What is the relationship between corpus size and database size?

Content of lexicons for real applications

1. Proper Names: humans, locations, institutions, brands, products, etc.
2. Open class items vs. closed class items
 - (a) Open nouns
 - (b) Open verbs
 - (c) Open modifiers and submodifiers
3. Multi-word expressions

What is a word?

1. Types and tokens:
("the cat sat on the mat" contains 5 types and 6 tokens.)
2. Lemmas (stems)
3. Multiword expressions: combinatorics
4. Idioms, metaphors, and variability
5. Morphemes: active behavior

What constitutes a Very Large Lexical Database?

Initial Thoughts ...

- No complete enumeration of senses for words is possible;
- We can't live with Closed World Interpretations;

More Formally ...

A specific relation between:

1. the **Corpus Domain** (\mathcal{C}), a representation of the Document Model;
2. the **Application Domain** (\mathcal{A}), a representation of the Application Model.

-
- for \mathcal{C} , the corpus determines the lexicon.
 - for \mathcal{A} , the application determines the lexicon.

So ..., relative contributions of $Lex(\mathcal{C})$ and $Lex(\mathcal{A})$ determines lexicon size.

Application determines the size of the Lexicon

DOMAINS	Closed Corpus	Open Corpus
Closed Application	(a, b, d)	(a, b, d, e, f)
Open Application	(b, c)	(e, f)

RELATION OF \mathcal{C} TO \mathcal{A}

- a. Classic Information Retrieval Systems
- b. Information Extraction Tasks (Tipster-Like)
- c. Question-Answer Systems
- d. CRM and E-mail Handling Systems
- e. Machine Translation and MAT Systems
- f. Summarization Systems

THINGS CAN BE HUNG ON WORDS ...
SO LET'S HANG THEM THERE:

Part 1:

- a. The inflectional forms of the lemma
- b. Phonetics of the lemma forms
- c. Syntactic categorization and subcategorization
- d. Semantic type
- e. Typical contexts (phraseology)
- f. Co-specifications
- g. Implicatures (contextually determined)
- h. Presuppositions
- i. Foreign-language translations
- j. Examples of usage; pointers to corpora
- k. Probabilities
- l. Etc.

TRIANGULATION:
(PROBABILITY, POSSIBILITY, AND CERTAINTY)

The verb seize has many senses. Co-text selects:

- (1) [NP] **seize** [NP]
- (2) [[NP]] **seize** [[LOCATION]] (selects a probable sense)
- (3) [[MILITARY]] **seize** [[LOCATION]]
(converts the probability to a certainty. Implicatures of 3: from an enemy, by force of arms)
- (4) An Anglo-US task force **seized** areas of military importance (the norm in use)
- (5) an outlawed squatter group who have **seized** buildings in eight U.S. cities (the norm exploited)

Absence of a complementation feature can be an important meaning indicator, as well as presence. E.g., is **seize** ever intransitive?

- (6) [NP] **seize** [0] (intransitive)
- (7) [[MACHINE_PART]] **seize** [0] (*up* (completive))

SESSION 2:
CORPUS ANALYSIS:
GETTING THE LEXICON OUT OF THE CORPUS

1. Preliminary examination of the text
2. Sort concordances according to semantics patterns
3. One-sense-per-domain doesn't cut it
4. Complementation patterns emerge from the corpus, with and without realization
5. Semantic patterns are a first step towards identifying lexical sets
6. Semantic patterns identified with specific lexical sets yields co-specifications
7. Delicate implicatures can, **with certainty**, be identified with co-specifications for a very high proportion of uses of all predicators

CORPUS ANALYSIS OF "FILE"

Norm 1: (93% of all uses of this word in a general corpus)

[[Legal Entity]] FILE [[Document]]

usbooks/US e are variable. <p> In 1985, Block filed 10 million tax returns, yielding revenue econ/UK nly at home). It claimed that smokers file 50% more health claims and cost $ 5, npr/US ockerbie, Scotland, in 1988. A lawsuit filed against Pan Am had alleged that npr/US ye, but no official complaint has been filed. <p> Senator Phil Gramm, the federal today/UK o. <p> His victim is now expected to file a multi-million dollar lawsuit for damages today/UK ovided a devastating insight when he filed a final report on Carlton, 37. <p> He's a today/UK ut promoter Richard Parker yesterday filed a lawsuit claiming the Chicago fighter was today/UK h after Customs and Excise officials filed a petition against him. <p> Bachelor Gary, today/UK the injured man and a youth before filing a report to the Crown Prosecution Service. times/UK it. In such cases you may be able to file a letter of 'disassociation", as long as you times/UK has to resign. The employee can then file a complaint of unfair dismissal with the times/UK tem most self-employed people due to file a tax return along with their paid-up tax times/UK ed off a coup of sorts with the CBI filing a charge sheet against his political times/UK al. Her parting shot to another was filing a complaint of sexual harassment against a usnews/US red by FCC rules. Besides having to file a rate structure with each state and paying usnews/US d. The Bush administration ought to file a court order in the Fernandez case to usnews/US legal experts say. Exxon's right to file a petition under the maritime statute usnews/US k's announcement that it intends to file a charge against him. He declined to discuss usnews/US legal action, ask your attorney to file a specific performance lawsuit to force the usnews/US Breyer, JJ., joined. Kennedy, J., filed a dissenting opinion. </doc> <doc> <hl> usnews/US an Satellite, a satellite operator, filed a suit seeking $ 1.5 billion in usnews/US N.V. of Rotterdam, The Netherlands, filed a trademark infringement suit in federal usnews/US or the Home Shopping operation. GTE filed a counterclaim alleging that Home Shopping' usnews/US ourt." Mr. Eisenberg's organization filed a friend-of-the-court brief for the appeal, usnews/US l> Corporate Capital Resources Inc. filed a lawsuit in U.S. district court in Los usnews/US E, Calif. </bl> Ramtek Inc. said it filed a plan for reorganization with the U.S. usnews/US nt lawyer. The company also said it filed a suit in bankruptcy court against the usnews/US nty prosecutor's office, Mr. Schall filed a federal civil-rights lawsuit against the usnews/US onstitutional. The company also has filed a $ 150 million suit against the usnews/US fforts" to arrange for Campeau. O&Y filed a Schedule 13D document with the SEC usnews/US ITTSBURGH </bl> Dravo Corp. said it filed a $ 147 million claim against Long usnews/US Petroleum </hl> A Zapata Corp. unit filed a $ 20 million lawsuit against usnews/US ebt. Some of those debtholders have filed a suit, saying they believed they were usnews/US Warner, now merging with Time Inc., filed a $ 1 billion breach of contract usnews/US Sprint spokesman. Separately, AT&T filed a countersuit against MCI accusing it of

usnews/US erspent his travel budget. He later filed a defamation lawsuit against residents who
usnews/US 1988, the Federal Trade Commission filed a Robinson-Patman action against six
usnews/US crossed the line. Attorney Lacy is filing a civil-rights lawsuit in federal court on
usnews/US NTED REPRESENTATION- If the person filing a claim under subsection (a), or a claim
usnews/US om Bradley's financial dealings by filing a civil lawsuit against the mayor for
econ/UK chemicals industry, which has already filed a complaint, and the paper industry, which
econ/UK ecord for murders a few years ago-has filed a lawsuit against the gun making industry.
econ/UK ed States. In January, the same group filed a \$1 billion suit against the Canadian
econ/UK feature. Two local residents recently filed a lawsuit to try to prevent construction
econ/UK 8 alleged instances of plagiarism and filed a complaint with the American Historical
econ/UK of Apple, John Sculley quit. He also filed a $ 10m lawsuit, claiming that
econ/UK al the ban on assault weapons. He has filed a bill to abolish the very affirmative-
econ/UK e likely. On September 6th SunAmerica filed a 'shelf registration" that will allow it
econ/UK Earlier this month Milan prosecutors filed a request for Mr Berlusconi and four others
oznews/OZ month." Mrs Buckman said she would file a dispute rectification notice with the
oznews/OZ ected the victim's sister will also file a similar writ today against the Catholic
oznews/OZ : Former Beatle George Harrison has filed a $ A30 million lawsuit against his
oznews/OZ and Georgeson Promotions, yesterday filed a writ for damages from the union body,
oznews/OZ who is now a authority councillor, filed a statutory declaration last week. On a
oznews/OZ an extent that Texan beef graziers filed a class action lawsuit. In the opposite
oznews/OZ an's lawyer Gerry Phillips, who has filed a petition seeking an annulment. In similar
oznews/OZ and his mother, Erma Deutschendorf, filed a suit against parts maker Mark IV
oznews/OZ mes Lucev, and Phillip Graeme Abell filed a writ seeking a declaration their
oznews/OZ nst Time magazine yesterday when he filed a formal complaint with Indonesian police
oznews/OZ s in 1997. DEM and FM Entertainment filed a \$50 million countersuit against the
oznews/OZ meline from 1901 when Luigi Bezzera filed a patent for the first espresso machine to
oznews/OZ c Saucedo and Richard Hardick from filing a lawsuit against Tyson, said Saucedo's
usbooks/US s breaking the law you may wish to file a contingency-fee class-action law suit,
usbooks/US g the taxable year and (2) did not file a joint return for the taxable year. A
usbooks/US unsuccessfully, for permission to file a friend-of-the-court brief in the Supreme
usbooks/US least until the school board could file a petition in the Supreme Court. School was
usbooks/US , invited the solicitor general to file a brief 'expressing the views of the United
usbooks/US e if the insurer is broke when you file a claim. You should insure with insurers
usbooks/US tried to fire him. So he went and filed a suit and won his job back. It was a First
usbooks/US laced upon it. When the contractor filed a voluntary petition in bankruptcy, the
usbooks/US Foods Association, a trade group, filed a $ 1.3 million damage suit against
usbooks/US ttee on Fair Employment Practices, filed a complaint against this practice in 1942
usbooks/US s . . . regarding NAACP status." I filed a case for black teachers in Elloree, South
usbooks/US > On September 8, the school board filed a short petition seeking review. It
usbooks/US nder the original Adams decree. We filed a motion in the District of Columbia to
usbooks/US ave ended there had not Alger Hiss filed a libel suit, in September 1948, against
usbooks/US h his motion to quash. And then he filed a cross-petition here. He is asking the
usbooks/US gnant after she was sterilized has filed a 'wrongful birth" legal action against the
usbooks/US vading the corporation's taxes by filing a false return arose in connection with

usbooks/US also began seriously to consider filing a lawsuit against Derek and Hemlock. What usbooks/US otential cases at each step up to filing a suit, per 1000 grievances. One frequently usbooks/US t Ann Landers (see Insight 25.3). Filing a Proof of Loss A proof of loss must newsci/UK using data from HGS, we are free to file a patent ourselves, but SmithKline has the newsci/UK ing 365 000 for the maps, the group filed a complaint with the European Commission, sunnow/UK MP Nick St Aubyn that 12 colleagues filed a censure motion calling it a 'sexually-sunnow/UK 6.34 this morning some eager beaver filed a story about West Country shopkeepers sunnow/UK Lower Cwmtyrch, near Swansea, later filed a harassment complaint that led to Davies sunnow/UK ssenting judges' recommendation by filing a civil suit in a local court seeking to npr/US Alaskans for Privacy says he plans to file a court motion Monday, asking that the new npr/US cil last night. The city's decision to file a Chapter 9 petition comes after weeks of npr/US nd let the workers know where they can file a complaint. If your company has 15 or more npr/US <p> Neff: Alleged torture victims can file a complaint, but few do, believing they'll npr/US ast couple of years is eligible now to file a motion for a new trial, file a new appeal npr/US ut $ 10 million at the time. He filed a $ 75 million antitrust suit npr/US a lawyer with EDF, announced that he'd filed a petition saying just that. <p> Manheim: npr/US laims. Five native Alaskan tribes have filed a lawsuit saying that the government may be npr/US Leguna Solar's experiments, the group filed a claim last month against the US npr/US because of insufficient evidence. She filed a complaint with the police department's npr/US 's Jim Muir visited the area today. He filed a report, but over a telephone line that npr/US arently involved. So two weeks ago ETS filed a federal lawsuit against Paul Krick and npr/US ading professional ballet dancers have filed a multimillion-dollar lawsuit against their npr/US vors of the Morazan operation have now filed a suit in a local court. A judge has opened npr/US qual Employment Opportunity Commission filed a class-action suit against Arthur Andersen npr/US e US Supreme Court because an attorney filed a piece of paper one day late and you weren' npr/US ays that's not true. <p> Chester Walsh filed a whistle-blower lawsuit against the npr/US s against the campaign. Franz quit and filed a complaint. He says the Bush npr/US ing: <p> Two weeks ago the US formally filed a report with the UN, detailing allegations npr/US ssued after several news organizations filed a request under the Freedom of Information npr/US is serving a life sentence. His family filed a lawsuit against Upjohn, the maker of npr/US hat Packwood should resign. No one has filed a formal complaint against Packwood with npr/US minister? Does he have a chance--he's filed a complaint, but does he have a chance to npr/US Kasell, newscaster: <p> Six women have filed a class action suit in federal court in npr/US eachment. <p> Student Don Waggoner has filed a federal lawsuit which quotes a provision npr/US s impact. Republicans in Congress have filed a lawsuit challenging all this. And as NPR' npr/US f the Southern Poverty Law Center, has filed a civil suit on behalf of Pridgeon against npr/US cities of Denver, Boulder, and Aspen, filed a lawsuit to overturn Amendment 2. The suit npr/US is a white Canadian reporter who was filing a story by phone in downtown LA when he was npr/US ks at the stations. The EPA says it's filing a complaint seeking nearly $ 600,000 npr/US nator was convicted of conspiracy and filing a false campaign report and found innocent npr/US compromise with the county, and avoid filing a lawsuit. For National Public Radio, I'm npr/US Hitler. Hoffmann died in 1957 without filing a claim for the return of the items, many usacad/US 's Office of Review and Appeals, or file a civil action in federal court. Complaints usacad/US iliation efforts fail, the EEOC may file a civil suit in federal court. It cannot,

usacad/US a return. No one in that group who files a return in a subsequent year receives a
usacad/US aust such internal remedies before filing a complaint with a civil rights agency.
brbooks/UK had to rush back to the office and file a housing story before the secretaries went
brbooks/UK t in a Receiver; Bottomley himself filed a petition for bankruptcy in May 1891, and
brbooks/UK aying, 'Marriage? What's that?" he filed a story that I had said with a shrug, 'What'
brbooks/UK ia. An insurance claim needs to be filed; a claim on lost souls must also be made.
brbooks/UK 73, the club speaker on that night filed a detailed report on the siting with the
brbooks/UK clear me in, even though I haven't filed a flight plan - probably catch hell in the
guard/UK y a worker from the NSPCC, who would file a formal report on her skills as a parent.
guard/UK than anticipated. In 1973, PG&E filed a request to begin construction on a
guard/UK gy and Ecology, which I founded, has filed a case in the Supreme Court to ask for a
guard/UK t. On January 28, the Japanese giant filed a lawsuit in San Francisco, alleging that
guard/UK ct anonymously. Kaye extraordinarily filed a case against the Guild, for curtailing
guard/UK ares fell further last week when C&W filed a legal action against American telecoms
guard/UK e last week, when one Rebecca Mardis filed a suit accusing Rodman of assaulting her in
guard/UK d up, he went several years without filing a tax return. But when the Inland Revenue
indy/UK NA HOTELS, based in Surrey, yesterday filed a claim for \$62m <KPD> 38m) in damages
indy/UK angers more than 20 years ago. He has filed a suit claiming damages of more than &
indy/UK <p> The British arm of IBM yesterday filed a &#pound; 19m counter-claim against 37
indy/UK a week, to make money. Ms Galanis is filing a multi- million-dollar lawsuit against Ms
usephem/US tax deadline (someone remind me to file a Form 4868 this week) and after April Fool'
usephem/US age. Around 1976, when this writer filed a complaint with the Justice Department
usephem/US affiliated group (the Group") that files a consolidated federal income tax return.
usephem/US iew regulations for procedures in filing a complaint, to get information relating to
brmags/UK nner men have until mid-February to file a reply to the government's response.<LTH>
brmags/UK <LTH> Ingram got a new lawyer, who filed a motion to withdraw his guilty pleas on
brmags/UK an Abu Dhabi government department filed a civil claim worth more than $1
brmags/UK es of their rented furniture, then filing a fraudulent insurance claim. The &#pound;
usspok/US ion on the lawsuit that Florida is filing about the welfare reform bill and legal
newsci/UK ve applied for a patent. Any patent filed after disclosure is worthless. 'If you have
sunnov/UK arge is made in a top secret report filed after he was arrested for committing a sex
usnews/US Prosecutor Norm Maleng says he will file against any entity offering the Seahawks a
usnews/US uldn't say whether charges would be filed against those people. Said Mark D. Lebow,
usnews/US f before any investor lawsuits were filed against it. Matthew Boylan, a Roseland, N.
usnews/US million in labor and vendor claims filed against the property. The track was in
usnews/US AMR wanted a suit that Continental filed against AMR's computer-reservation unit
usnews/US said no criminal charges have been filed against Mr. Sung. Mr. Sung, reached at
usnews/US ELPHIA </bl> Shareholder suits were filed against First Pennsylvania Corp. and
usnews/US > BOSTON </bl> Complaints have been filed against a division of General Mills Inc.
usnews/US he notes, the 76 charges originally filed against him have been trimmed to 27. Most
bbc/UK inal charges are reported to have been filed against the former vice president of
bbc/UK ons in spite of the corruption charges filed against her by the president. From Karachi,
bbc/UK ARGES </h> <p> Another charge has been filed against the former Prime Minister of
npr/US lly failed. Four charges have now been filed against Ms. Bhutto involving

npr/US poisoning. The suit was the first to be filed against state health officials for ignoring
npr/US first of some 40 cases that have been filed against her. Pat Ford has the story from
npr/US actions the Philippine government has filed against former first lady Imelda Marcos.
npr/US settlement has been reached in a case filed against the state of Georgia by 29 black
npr/US In Detroit, criminal charges have been filed against four of the seven police officers
usnews/US d a 30-day stay to give him time to file an appeal with the U.S. Supreme Court. A
usnews/US The NASD also said the firm didn't file an ownership form on a timely basis.
oznews/OZ lawyers to three months' jail for filing an affidavit that the charges against Anwar
oznews/OZ such as fines will be enforced by filing an order with the Supreme Court Registry.
usbooks/US he will be given an opportunity to file an appropriate response in due course. I'd
usbooks/US he 'desirability and necessity of filing an anti-segregation suit."<p> In Memphis,
newsci/UK Company of El Segundo, California, filed an international patent application for an
brbooks/UK es with 100 or more employees must file an annual report (EEO-1) detailing the
guard/UK can bear to, the Long Island man who filed an ill-tempered lawsuit claiming Jerry
indy/UK ios he destroyed in the Seventies and filed an elegiac portrait of Fela Kuti's funeral
indy/UK with the tax evader. We have already filed an appeal against the tax notices in the
usephem/US y segregated schools, but the ACLU filed an important brief in the case and has been
brmags/UK he police station straight away and filed an FIR [First Information Report] and Riaz
usbooks/US to take only if a joint return is filed. And a joint return can be filed by a man
usbooks/US e transcribed only if an appeal is filed. And usually only the defense can ask to
sunnow/UK es growing together which had to be filed and I also had a tendon removed. After
econ/UK indicator. The number of civil cases filed annually in federal district courts has
oznews/OZ asketball bad boy Dennis Rodman has filed annulment papers to end his nine-day
usbooks/US buses died hard. In 1958 we had to file another bus case in Memphis, which the
oznews/OZ ither the House nor the White House filed any pre-trial motions. The trial will
newsci/UK by fines and a prison sentence, to file any application to a foreign patent office
usephem/US nformation. <p> zbull; Prepare and file appeal application, referencing results of
npr/US There are over 12,000 people who have filed applications for such status, and so far,
usacad/US itors sold consumers a service that filed applications in their name for a federal
brbooks/UK owever, the majority of grievances filed are resolved without resorting to
usnews/US A dozen shareholder suits have been filed around the country charging Mr. Greve and
usbooks/US original that Parish had failed to file as evidence in the case of the Midnight Eye?
usbooks/US n Anne (1710 - 35) plates are hand-filed, as are the cast posts and drops; many are
usbooks/US ncered the foreign-born. A report filed as late as 1931 by ASHA in response to the
brmags/UK phonic composer Wojciech Kilav - is filed as a De Quincean opium dream. </p> <p> It's
econ/UK splitting the Conservatives' rank and file asunder, it was Europe that most threatened
econ/UK s attractive for economic migrants to file asylum claims. This is all sensible stuff,
today/UK r. <p> They were contained in papers filed at an American court yesterday. <p> The
today/UK wife Kimberlea. <p> In court papers filed at San Antonio, Texas, she has cited a
econ/UK ary is set for March, candidates must file at least by December. </p> <p> One bill
econ/UK f rough-house behaviour. Citizens had filed at least two dozen complaints against each
usbooks/US . <p> People over 65 don't have to file at all if their gross income does not exceed
bbc/UK ements on the Bolivia/Chile border was filed at Newsroom's request for information only
npr/US ds of lawsuits are being prepared for filing at a New York federal district court after

brbooks/UK rim reports that do not have to be filed at Companies House d) Memoranda e) Internal guard/UK y declined to respond to the lawsuit filed at Manhattan's state supreme court, his indy/UK his curriculum vitae and on documents filed at Companies House. A spokeswoman for Burke' brmags/UK an "informal resolution" is to be filed) at least more than one senior officer usnews/US t money back. Judge Porter's order, filed Aug. 29 and first reported in the American today/UK catching up with him. Finally it was filed away and only reached Walter last week. He times/UK similar in some ways to what I did, filing away important pieces of information and oznews/OZ on his mate Mick Cronin simply got filed away as one of those unforgettable moments. usbooks/US I now understood, would have to be filed away along with Broadway musicals, Guy brbooks/UK aw a roof of dark trooping clouds filing away ten thousand feet over the peaks of guard/UK ark, became increasingly restive and filed away with the word relegation still on lips indy/UK grief. But if anything can be safely filed away under the roomy rubric of 'human indy/UK game left her serving for the match. Filed away under 'Things they wish they hadn't indy/UK iscussions, and studio memoranda, all filed away by his lifelong personal assistant, brmags/UK ortant it is to keep your paperwork filed away. The Tapley home-office range has times/UK y Mail reporter sent to New York who filed back a string of colourful scoops -- usbooks/US eed balances to check. I had been filing bank statements, unopened, for six months times/UK red the bout in favour of Holyfield, filed bankruptcy papers six weeks before the usnews/US icals concern. <p><h1> ITG Said to File Bankruptcy Papers With Plans to Fold By Jeff times/UK potential purchasers. Hatchards has filed Barnes's last book, Letters from London, newsci/UK of genes. But the patents had been filed before he arrived at NIH last year and he today/UK t and route to Ibiza would have been filed beforehand and for a jet to be thousands of usnews/US Securities and Exchange Commission filing, Berkshire said it expects to make a filing oznews/OZ t Court was told John Anthony Krogh filed bogus tax claims for people he knew were usspok/US down with that, please? <X01> Yes. Filing break, okay. We'll come back in 10 minutes. newsci/UK , the US defence industry would not file British patent applications in respect of usnews/US rier," the company said in its ICC filing. But the Maine Central's 'financial status newsci/UK ons to patents after they have been filed but before they have been granted. If the today/UK p> Ninety-four civil suits have been filed by victims' relatives. <p> Although Pan Am times/UK but also because of the law suit filed by Diane Modahl, who continues to seek times/UK the Valley of the Kings, the report filed 'by runner to Luxor". Lord Carnarvon's usnews/US to keep teams in town, such as that filed by the city of Cleveland concerning its usnews/US a pile of claims. Several are those filed by families who say Amend's questions and usnews/US m Kunkle, a Republican. A complaint filed by Rep. William Alexander (D., Ark.) usnews/US artment, upholding trade complaints filed by American Telephone & Telegraph Co. and usnews/US ns sent copies of various documents filed by Warner and Paramount to the New York usnews/US approved. According to court papers filed by the plaintiff in a shareholder suit, usnews/US ner has been embroiled in a lawsuit filed by the California Association of Hospitals usnews/US er the Warner acquisition. Lawsuits filed by Time shareholders and Paramount usnews/US nio, Texas, and Detroit. The suits, filed by the Justice Department on behalf of the usnews/US sued in a federal antitrust action filed by attorneys general from several other usnews/US smitted anti-dumping act complaints filed by Du Pont Co. of Wilmington, Del., against oznews/OZ has given its backing to a lawsuit filed by two women against Bosnian leader Radovan oznews/OZ Ken Madsen is acting on a complaint filed by the Perth Wildcats following their hard-

oznews/OZ omment on reports the suit had been filed by relatives of a Greek victim seeking \$US1. oznews/OZ Lewinsky as a 'stalker". Affidavits filed by a British journalist Christopher oznews/OZ \$US10 million 15.8 million) lawsuit filed by relatives of a Florida fisherman who oznews/OZ isms were reflected in an affidavit filed by Anwar last month, in which he called for oznews/OZ blic airing was the damning report, filed by former senior police officer Carl usbooks/US ising that the amicus curiae brief filed by the NAACP Legal Defense and Educational usbooks/US tial rebuff, a subsequent suit was filed by a patient, again acting as a kind of usbooks/US ery. Claim forms do not have to be filed by the members. Members may also save time bbc/UK three weeks ago. Another writ has been filed by the same group in the High Court npr/US erday Neil Bush was named in a lawsuit filed by the Federal Deposit Insurance npr/US iting the number of delays that can be filed by Death Row prisoners. The vote came as npr/US lag, several thousand uniformed troops filed by the reviewing stand where government npr/US is expected to rule soon on a lawsuit filed by some members of Congress who say any US npr/US to reopen all political asylum claims filed by Salvadorians and Guatemalans since npr/US first charge in the labor dispute was filed by a local steward months before the strike npr/US porations' tax returns against reports filed by banks and other payers of income could npr/US busers even if no criminal charges are filed by the alleged victim. But some critics are npr/US o. Cash rebates and low interest rates filed by consumers--have not helped consumers to npr/US ug Phillips reporting: <p> The lawsuit filed by the American Civil Liberties Union began npr/US ed 7-to-2 to reject the emergency plea filed by Leona Benten, a 29-year-old social usacad/US justice disputes arise from appeals filed by convicted felons, such as Ernesto usacad/US er state law. The particular report filed by state and local governments is called brbooks/UK newspaper coupons illegal. A suit filed by a Stockport clergyman was successful. He indy/UK se to a European Commission complaint filed by the professional English clubs, who want usephem/US gistration and financial documents filed by this organization can be obtained by brmags/UK tion, where there are reports to be filed by 3pm.<LTH> We go into a mess-room, where brmags/UK lion-dollar emotional-distress suit filed by a secretary who claimed Simpson had usbooks/US our income. It may be necessary to file certain papers at closing to obtain such usnews/US dulent trading. Last year, the CFTC filed charges against the salesmen, their former usnews/US wned BNL, Italy's largest bank, has filed charges against the branch's former econ/UK plans for a September initiation by filing charges that the vote failed to comply with newsci/UK still helped to persuade him not to file charges. 'Any time you have countervailing npr/US mild surprise, the grand jury voted to file charges. At a pretrial hearing as the tapes guard/UK 350 million drachmas. They have also filed charges against the villa's previous owners brmags/UK t a blizzard of lawsuits as parents file charges against the therapists they accuse brmags/UK <p> A 26-year-old Japanese man has filed charges alleging Japan's first homosexual brmags/UK a court battle in Taiwan, Canon has filed charges against several local companies in usnews/US ership, recently made a Chapter 11 filing, citing a slowdown in business. Sorg has npr/US allow the federal government itself to file civil suits in police misconduct cases and guard/UK Miami, Cleveland and Bridgeport have filed civil suits against weapons makers in which brmags/UK waffled for months about whether to file civil-rights charges against Lemrick Nelson, usbooks/US to follow complex procedures for filing claims. And even though they are disabled bbc/UK abstaining) which invited countries to file claims against Iraq for financial loses bbc/UK o hundred and fifty Lockerbie families filed claims in Florida and these have now been

npr/US than 160 Haitians have been allowed to file claims seeking US asylum. More than 500
npr/US Cochran. <p> The number of Americans filing claims for unemployment benefits fell in
oznews/OZ ent assault after several prisoners filed complaints". <sect id=NEWS> <hd> DUTY FREE
guard/UK ssure group also said they would be filing complaints to the ASA about Shell's
guard/UK 00 defence officials are required to file confidential financial disclosure reports,
npr/US damages. The Calverts are considering filing countercharges. They claim Johnson lied to
today/UK ore than & pound; 400,000 a year, has filed court papers saying he has no intention of
usnews/US LaBow, and more stock. It also has filed court papers supporting Wheeling's right to
today/UK unt hooligan actions give grounds to file criminal charges against him." <p> <h> Japan
npr/US e Philippines until the government has filed criminal charges against her. Marcos has
npr/US are investigating the possibility of filing criminal charges, and a lawyer representing
times/UK : 'It was a well-planned move and we filed details of Mr Vincent's resignation from
oznews/OZ vernment. The Liberal Party has now filed documents showing its case is also based
guard/UK Left-handed secretaries also tend to file documents with headings on the right rather
usnews/US was charged by U.S. attorneys with filing & dollar; 325,000 of fraudulent tax-refund
brbooks/UK es of illustrations overflowing my file drawers. Recently while cleaning up, I
npr/US sn't the real reason they chose not to file dumping charges, the execs acknowledge that
usacad/US and 1099 forms that businesses must file each year with the IRS, the actual income of
usnews/US in its separate suit against Exxon filed earlier this week. The courts will have to
brmags/UK n will be stored confidentially and filed efficiently to ensure that subsequent
times/UK all evidence adduced or observations filed, even by an independent member of the
times/UK by some form of illegality he would file evidence to that effect. The court would not
usnews/US panel wants to learn whether Lilly filed false or misleading information with the
usnews/US ny charges, including grand theft, filing false insurance claims and revenue and tax
guard/UK onvictions for false accounting and filing false returns (the so-called 'heinous"
usnews/US plained they were too racy. A claim filed Feb. 24 against the city by attorneys for
usnews/US ee whether any complaints have been filed. Find the best planners first, and
npr/US <p> Zaire's President Mobutu Sese Seko filed--fired his army chief of staff today and
usbooks/US edent died (in some counties it is filed first with the county health department).
npr/US partment says the number of Americans filing first-time claims for jobless benefits
usbooks/US closed Books, pamphlets, magazines File folders Racks for filing papers Stationery
indy/UK ined to give details. The lawsuit was filed following a ruling in March by the House of
today/UK or Terri Franks said Debbie, who had filed for divorce, had signed a request from
today/UK rk court. <p> Mother-of-three Lunden filed for divorce in January after 14 years of
today/UK sick of her husband's drinking, had filed for divorce once more. <p> But last night
today/UK im cheating with a family friend she filed for divorce yesterday. <p> Michael Douglas
today/UK k and had his wife Melanie Griffith filing for divorce. <p> And bombshell brunette
times/UK that an American company is able to file for a patent through publicly funded
times/UK ash of Waterworld, of all things and filed for divorce. There are some good stunts and
times/UK ban Development and Fuji Building -- filed for bankruptcy with collective liabilities
times/UK iss out? Dow Corning, meanwhile, has filed for protective bankruptcy. A total of \$6
usnews/US the new-drug department has had to file for the reports under the Freedom of
usnews/US egative net worth and hinted it may file for Chapter 11. The disk-drive maker
usnews/US o settle Segal's claims. Bonneville filed for Chapter 11 bankruptcy in 1991, leaving

usnews/US editors some $ 1.72 billion, filed for bankruptcy-court protection in January
usnews/US worthless when American Continental filed for bankruptcy, putting the bondholders in
usnews/US tinue the walkout. Dart Drug Stores filed for Chapter 11 protection. The discount
usnews/US bailout measure. Hooker's U.S. unit filed for Chapter 11 protection and hired
usnews/US subsidiary of Sears, Roebuck & Co., filed for the sale of $ 500 million of
usnews/US und plan and the company eventually filed for protection under Chapter 11 of the U.S.
usnews/US takeover offer by Ampco-Pittsburgh, filed for an offering of two million convertible
usnews/US later in December, Crowthers McCall filed for reorganization under Chapter 11. As
usnews/US 4 million a year ago. Corvus, which filed for Chapter 11 in June 1988, said year-end
usnews/US ipple the company, which ultimately filed for bankruptcy protection. At UAL,
usnews/US rvices and real estate concern that filed for Chapter 11 after failing to reach a
usnews/US in Consolidated before Consolidated filed for protection early this year. However,
usnews/US miniseries 'Lonesome Dove," said it filed for Chapter 11 protection after Qintex
usnews/US Inc., a 43 # owned U.S. affiliate, filed for protection from creditor lawsuits under
usnews/US e mine, the company hopes to avoid filing for protection from creditors under Chapter
econ/UK facturer of building materials, is to file for chapter 11 protection from creditors in
econ/UK Investment Corporation GITIC), which filed for bankruptcy last month with debts of \$4.
econ/UK plug in a Pentium. Everex has already filed for chapter 11 bankruptcy. Tandon, now
econ/UK ubsidiary of France's Usinor Sacilor, filed for protection from its creditors. It
econ/UK n court. At the end of April Unilever filed for defamation in a Dutch court after
econ/UK issed the computer age altogether and filed for Chapter 11 bankruptcy this month. </p>
oznews/OZ Gay never lived together again. She filed for a dissolution of the marriage on the
oznews/OZ woman star of The Terminator movies filed for divorce after Cameron took up with
oznews/OZ ended to leave the country without filing for bankruptcy. He said Jenkins had
usbooks/US nd. The airplane's flight plan was filed for Grenada where the bird actually ended
bbc/UK exington, Kentucky, has been forced to file for bankruptcy. It has debts of more than 135-
bbc/UK nine days away. Nominations have been filed for the one hundred and eighty
bbc/UK y required human antibody can be made, filed for reference and pulled out when wanted in
sunnov/UK ed he committed adultery and I have filed for divorce. My solicitors have written to
sunnov/UK on, has not spoken to her since she filed for divorce in February. But ex-Baywatch
sunnov/UK ulded my whole life around her. She filed for divorce on the grounds of my
sunnov/UK ied to claim it was not after Jerry filed for divorce. I believe the court will have
sunnov/UK ing me unconscious," said Julie who filed for divorce soon after the incident. JULIE,
sunnov/UK s was released in 1998, but has now filed for bankruptcy after a failed business
npr/US awyer said the company had no plans to file for Chapter 11 bankruptcy protection from
npr/US ves unable to pay their debts and will file for personal bankruptcy. More than 600,000
npr/US w deadline is November 19th. Greyhound filed for bankruptcy in June following a walkout
npr/US ny of 7-Eleven convenience stores, has filed for Chapter 11 protection in US bankruptcy
npr/US In the beginning when I went down and filed for an order of protection, I had to fill
npr/US e city of Bridgeport, Connecticut, has filed for protection under Chapter 9 of the
npr/US The day after the New York Daily News filed for bankruptcy, the paper's management and
npr/US caster: <p> Orion Pictures Corporation filed for bankruptcy today, saying it's been
npr/US lopment, Olympia & York of Canada, has filed for bankruptcy in New York and Toronto. <p>
npr/US sed Olympia & York Company has already filed for bankruptcy to protect its holdings in

npr/US rl Kasell. <p> Wang Laboratories today filed for Chapter 11 bankruptcy protection and npr/US Greek-controlled south. In this story, filed for the BBC, Gerald Butt reports that the npr/US rmer subsidiary, Eastern Airlines, in filing for Chapter 11. Eastern has been under usacad/US proper procedures were followed in filing for a union certification election. guard/UK oth the London arm and the US parent filed for bankruptcy, while the other 50 guard/UK he Nasdaq-quoted company said it had filed for a Frankfurt listing and was in guard/UK ing too smoothly. She is reportedly filing for divorce after rumours of Kevin's guard/UK ily, fought hard to stop Mitsubishi filing for bankruptcy. He urged the company to ' indy/UK dren. Filing for divorce You can only file for divorce if you have been married for at brmags/UK Basinger ruling (she was forced to file for bankruptcy in May) may have sent out a brmags/UK time the directors would be able to file for a CVA; and <p> a procedure which would brmags/UK ould try to harm myself. </p> <p> I filed for divorce on the grounds of adultery a brmags/UK , he now has another woman and I've filed for divorce. </p> <p> Part of me thinks he' brmags/UK an when I got those results." Edgar filed for custody and won, on the basis that brmags/UK ever, Olympia & York capsized, filing for bankruptcy protection in Canada, its usnews/US s missions that they to go home and file formal applications, noting that the East indy/UK dicts, intermediaries for Simpson had filed formal patent requests with the US bbc/UK om Islamabad: Pakistan's President has filed four charges against Miss Bhutto since he usephem/US nd ourselves overstretched, often filing four or five stories each day - recycling oznews/OZ 's competition watchdog said it had filed fresh proceedings in relation to Telstra's bbc/UK eir own telex machines. Other agencies file from government facilities. Burmese who [NUL bbc/UK situation but the last joint despatch filed from Monrovia described Wednesday night as bbc/UK EIBEA QUIST-ARCTON. MARK DOYLE is now filing from Lagos. BRITAIN JACK THOMPSON, HAROLD npr/US n for it? <p> Edwards: That report was filed from the Turkish-Iraqi border by the BBC's brmags/UK n in key journalists from the UK to file gobsmacked reports about boring old farts usnews/US ff, county prosecutor and judge and filed harassment liens against the properties of brmags/UK system for which a patent has been filed, has already gained wide acceptability oznews/OZ rty has never lost. Mrs Gandhi, 52, filed her nomination papers in Bellary, Karnataka times/UK is no time limit on Judge Magnus to file his written decision and before he does the usnews/US others on Sept. 15. Mr. Keating has filed his own suit, alleging that his property newsci/UK was not new or inventive when Pavel filed his patent. The case is expected to last sunnow/UK emy camp is in the know again as he files his final pre-match report on the Battle of npr/US 0,000. The insurance commissioner will file his recommendation with the Superior Court brbooks/UK ind the Iron Curtain. The producer filed his own report on the progress of Cassie guard/UK y bills, do his banking, buy shares, file his taxes, buy gifts. He has a wireless guard/UK s body. She changes his video tapes, files his papers, brings him drinks. In her spare indy/UK . Assuming all goes well, he hopes to file his final dispatch from Santiago some time today/UK at home and abroad, TODAY's writers file hundreds of column inches. But for every today/UK at home and abroad, TODAY's writers file hundreds of column inches. For every story today/UK nspecified damages in the complaint, filed in the California Superior Court. <p> Tatro today/UK e hotel's title. <p> In court papers filed in the Fiji High Court, he claims it is times/UK ad to prove his case on the evidence filed in support of the application, supplemented usnews/US y. On July 26, Hooker was forced to file in an Australian state court for liquidation usnews/US subject of wrongful-death lawsuits filed in connection with the two unsolved

usnews/US otech. Specifically, the complaint, filed in Delaware Chancery Court, charges the
usnews/US m of a consent decree. In its suit, filed in February, the Sierra Club alleged that
usnews/US of his conviction. An FBI affidavit filed in federal court in New York in connection
usnews/US a co-defendant in many of the suits filed in connection with the spill, including the
usnews/US damages, the SEC said. The case was filed in federal court in Newark, N.J. The SEC
usnews/US n the company's stock. The lawsuit, filed in U.S. District Court in Washington, says
usnews/US off a potential suitor. The suits, filed in federal court in Manhattan yesterday,
usnews/US separate shareholder lawsuits were filed in state court against Columbia and its
usnews/US owner and that, according to papers filed in the suit, occupancy in the building had
usnews/US matters in litigation. In the suit, filed in federal court, Mr. Bellows also alleged
usnews/US eorgia public schools. The lawsuit, filed in U.S. district court in Brunswick, Ga.,
usnews/US ld, high-risk junk bonds. In a suit filed in federal court Thursday, the S&L alleged
usnews/US bia. The battery of legal documents filed in the past week in connection with the
usnews/US d said they had not yet seen a suit filed in federal court by DPC Acquisition that
usnews/US been set for the case. The suit was filed in Alameda County, where both Speed and
usnews/US ion in the school's quad. The suit, filed in Santa Clara County Superior Court last
usnews/US ng arraignment on the felony charge filed in Santa Clara County Municipal Court.
econ/UK Once a suit - however frivolous - is filed in, say, America or Europe, it is almost
oznews/OZ joint venture yesterday. The claim, filed in the National Court of Justice at Mount ,
oznews/OZ ssion in creating George. In papers filed in New York State's Supreme Court,
oznews/OZ block of land, according to a writ filed in the Supreme Court. Mr Williams has filed
oznews/OZ the day the answers were due to be filed in Parliament, April 1, the Premier's
oznews/OZ rs, it has been revealed. Documents filed in the Supreme Court by Queensland's second-
usbooks/US islative change. In its tax report filed in May 1986, expenditures of more than
usbooks/US unpublished 'Man Upstairs" stories filed in American folklore archives, concluded
newsci/UK The patent (US 5 241 671) was first filed in October 1989. It is now owned by Compton'
newsci/UK laim on a patent (number 4 302 790) filed in 1979 by a Californian subsidiary, Spin
npr/US Hoyt reporting: <p> Two lawsuits were filed in rapid succession by Colorado, then
npr/US lice brutality complaints that are not filed in Washington. Second, the Justice
npr/US lar; 38 million. <p> In the civil suit filed in US District Court in Phoenix, the
npr/US investigation, and no charges will be filed in this case. <p> PIGNANELLI: Ojeda has
guard/UK ottage in Buckinghamshire. In papers filed in support of her industrial tribunal
guard/UK p with fraud. In a SEC civil lawsuit filed in Denver, John Kaweske was charged with
guard/UK owing millions of pounds. Documents filed in the last few days at Companies House
guard/UK s letter was in support of a lawsuit filed in the French courts on January 6 by the
guard/UK w. davesclassics. com). In a lawsuit filed in Northern California, Sony alleges the
indy/UK 61m) to settle six class action suits filed in New York over losses stemming from
brmags/UK r of top Sony executives. The suit, filed in Los Angeles last week, alleges
bbc/UK led that the Paraguayan government had filed inaccurate charges about economic crimes Mr
times/UK ve basis." That helped Diageo, which files interims next week, to rise 53 1/2p to
npr/US row inmates often abuse the system by filing interminable and frivolous appeals. But
newsci/UK c imaging. <p> The company recently filed international patents (WO 92/11731) on an
usnews/US s Cos., said the federal lawsuit it filed involving the advertising of Bryan Foods
times/UK urant and retail interests, recently filed its first full-year results. They show he

usnews/US . Warner was referring to documents filed last week in which Sony Corp. of America
usnews/US ates free speech laws. The response filed last Wednesday in Santa Clara County
econ/UK </h> <p> IN THE 16,000 criminal cases filed last year in Shanghai, fewer than half of
oznews/OZ ensland. The Supreme Court writ was filed last week by a 28-year-old former student
oznews/OZ neral Matt Foley said an appeal was filed last week against the jail term imposed on
npr/US been reached in a class-action lawsuit filed last February against AT&T and a group of
times/UK everal other Californian cities also filed lawsuits against gunmakers this week. When
usnews/US mistry on talk shows, Jeremy Rifkin files lawsuits in federal court to thwart biotech
newsci/UK ing to overturn it and have already filed lawsuits in 10 states. <pg> 5 </pg> <xr>
npr/US oggers could just log and no one could file lawsuits. But that seems to have faded out
npr/US extend the time limit for investors to file lawsuits that allege securities fraud.
npr/US lifornia and environmental groups have filed lawsuits charging that virtually every
usbooks/US f classifications determine how we file memories and therefore our access to them (
guard/UK sey: Just when you thought you could file Morrissey under Retired Rock Star (well, at
usbooks/US h the new Nixon administration by filing motions across the South calling for school
sunnow/UK ame back to haunt me just as I was filing my final report to Wapping HQ. And I
guard/UK ? I gave him \$50 or \$60, and left to file my story. However, I got back to Havana in
indy/UK ned to get married. They never did. I filed my last copy from my favourite place on 6
today/UK hs of secrecy. In this time, you can file new applications if further modifications to
npr/US t increase in the number of Americans filing new claims for unemployment benefits in mid-
npr/US orts there are 28,000 fewer Americans filing new claims for jobless benefits in the week
brmags/UK egistry where unmarried couples can file notice of their relationships. Mayor
times/UK d post -- that way you can prove you filed on time. Do not forget to sign the *
econ/UK lf is registered, and all details are filed on a central computer. If an accident
oznews/OZ d the resources to fight litigation filed on behalf of thousands of women who blame
oznews/OZ uestioned why so much paperwork was filed on the case. 'I was the sentencing judge. I
usbooks/US at two law suits have already been filed on this question, and we expect that our
usbooks/US the merits although the appeal was filed on the wrong-size paper. (Nowadays, with
bbc/UK wn the High Street etc. Fish has since filed on this at our request and his findings are
newsci/UK n cells. <p> The rival patents were filed on a series of overlapping dates.
npr/US dy black colleges. <p> A new brief was filed on October 10th, the day before the resumed
guard/UK whether or not any charges had been filed on Nicole or what the status of the case
guard/UK spokesman said last night: 'Evidence filed on behalf of the applicants contained
usbooks/US e effective in July 1965 we should file one thousand complaints with the commission
usnews/US government's startling allegations, filed only days before the scheduled start of a
usbooks/US nted 28 percent of the work force, filed only 5 percent of the complaints.29 In none
usbooks/US ard oral argument so we rushed and filed our brief before argument.<p> The
guard/UK up. We drove back from the border to file our reports, and overtook tractor after
brmags/UK a sex party. Since 1982, Miura has filed over 220 libel suits-nearly one for every
usbooks/US , March 10, the Justice Department filed papers by which it entered our case. The
npr/US day attorneys for Demjanjuk are due to file papers with the federal court in Cincinnati,
newsci/UK reports that a Japanese rival was filing patent after patent on the technology. The
newsci/UK ding shoe fasteners. He had already filed patents for other ideas, such as a
npr/US over one wire. Both he and Alicia Grey filed patents for the telephone on the same day

indy/UK ll the major phone companies have now filed patents for designs of mobile phones that
usnews/US TY </bl> TS Industries Inc. said it filed petitions for reorganization under Chapter
usnews/US n, the Palo Alto Medical Foundation filed plans Friday to build from scratch a '21st
indy/UK set up a secondary home, tucked away, filed, pressed, hung up and in my proper place at
usephem/US search, mortgage preparation and filing, property and title insurance, as well as
npr/US icers have until tomorrow afternoon to file rebuttals to the charges with the state
usnews/US ommission may waive requirements to file reports in accordance with this subsection
usbooks/US over SLA agent who visited the bar filed reports noting that while he had overheard
sunnov/UK Helen-now a detective sergeant-was filing reports to get him in trouble. During her
usbooks/US y be the tip of the iceberg. These files represent thousands upon thousands of
usnews/US d pension plans would pay fees for filing required annual and other reports and for
usbooks/US r applications.<p> More stringent filing requirements. Under the new rules, the FDA
guard/UK rking. Even before the bureaux could file, residents were posting eyewitness accounts
times/UK n all-share deal once they have both filed results -- McAlpine is scheduled to post
usnews/US ors, John Reisch and Paul Jay, have filed retaliation and discrimination claims
usnews/US either filed no returns in 1986 or filed returns showing tax due without paying all
usnews/US ent from AT&T's, and ordered MCI to file revisions to its plan with the agency by
usbooks/US ing needs to be done. In the smoke-filed room study, the students in groups said
oznews/OZ gone. Vital documents are kept in filing rooms and all staff have access to a
usnews/US asked to be waived. In yesterday's filing, Rosewood said it recently bought 300,000
newsci/UK > <p> Patent applications are being filed round the world by Transducer Valley of
brmags/UK reshaping until you have more time. File round each nail once to remove rough edges,
guard/UK They photograph everything and have filed scores of complaints over the years to the
indy/UK waited until October before finally filing second-degree murder charges against Dr
brmags/UK s Cotchett. </p> <p> The suit being filed seeks a court order requiring the Navy to
usbooks/US nd $ 0 for married persons filing separate tax returns. There is a $
usnews/US onic spelling machine. In a lawsuit filed Sept. 8 in a Camden, N.J., U.S. District
usbooks/US the courthouse where the deed was filed; she did not receive Henry's army pay
usbooks/US the courthouse where the deed was filed; she did not receive Henry's army pay
brmags/UK and for one hour. </p> <p> To make filing, sieve ricotta, beat in sugar, the three
usnews/US pay a smaller fine than someone who filed six months late. Reduce the penalty for
brspok/UK get one soon but in the main I was filing. Some days there was absolutely nothing to
usephem/US we denied your Head of Household filing status for the previous year or you did not
today/UK <p> And as United's deflated players filed stony-faced away from the Torpedo stadium
guard/UK rom one hiding place to another and filing stories to the Internet after the printed
brmags/UK ut corners - pedicurists recommend filing straight across in one direction using the
times/UK ims dovetail with an anti-trust suit filed subsequently by the US Government against
usnews/US t discourage other plaintiffs from filing such suits. Scientists are only beginning
oznews/OZ lans. 'I cannot imagine how she can file such a case,' said Ronaldo Zamora, President
today/UK haven't spoken to my father since I filed suit. I am not really talking to him." <p>
times/UK ld have known that Paula Jones would file suit. In Clinton's world, good news rarely
usnews/US the suit says. Warner's decision to file suit in the wake of its failure to reach a
usnews/US e for next season. After the county filed suit to block the move, the Seahawks filed
usnews/US il Liberties Union and other groups filed suit yesterday in Philadelphia to have the

usnews/US te Inc. and KSK Communications Ltd. filed suit in federal court in Virginia to block
usnews/US cisco biotechnology concern said it filed suit for patent infringement against
usnews/US r employees of General Motors Corp. filed suit in federal court demanding that the
usnews/US he state prison in Grady, Ark., has filed suit claiming cruel and unusual punishment
usnews/US began investigating ITG in 1985 and filed suit in U.S. District Court in Los Angeles
usnews/US defamed GTE Corp., when the company filed suit blaming sagging sales on phone foul-
usnews/US issued. In April 1988, Neiman Marcus filed suit in state court in Dallas seeking a
usnews/US y Qintex Australia Ltd. MGM/UA also filed suit against the broadcaster and operator
usnews/US a Qintex Entertainment shareholder filed suit in federal court in Los Angeles
econ/UK ch. Peggy Guggenheim's heirs recently filed suit against the parent institution,
oznews/OZ dian media magnate Conrad Black has filed suit against Prime Minister Jean Chretien
usbooks/US ed a lawyer were still unlikely to file suit. Perhaps for many such cases, the
usbooks/US tate reports. If your insurer must file suit to recover the loss payment and wins,
npr/US Newport Harbor Art Museum, which both filed suit. Today the judge found in favor of the
npr/US s veto. Abortion rights activists have filed suit, and a federal judge set a trial date
npr/US ey Jocelyn Larkin says just before she filed suit on behalf of six women passed over for
npr/US > Eight major insurance companies have filed suit against the nation's second largest
npr/US ect their rights. The School Board has filed suit to force the teachers back to work,
usacad/US ng fairly or adequately treated. He filed suit against the Alabama mental health
guard/UK 527 </date> Two Kosovo refugees have filed suit in a federal court in Boston, seeking
indy/UK line. Four Greek travel agencies have filed suit against EasyJet and called for
usnews/US y and early August, two young women filed suits alleging emotional and physical abuse
econ/UK the courts were swamped with lawyers filing suits before the tort-reform deadline.
econ/UK l over the world; the organisation's filing system exists largely in his memory alone.
brmags/UK 't take over, i.e.reorganising the filing system without asking anyone. People won't
brmags/UK win a £ 52 computer picture filing system-including labels-that stores info on
times/UK consisting of two floor-to-ceiling filing systems which revolve at the touch of a
indy/UK censing; spreadsheets; databases and filing systems; presentation and drawing; and
usnews/US r; 22.38 a share. According to the filing, Tan purchased the shares in anticipation
usbooks/US ve no trouble performing the job, filing tax documents in numerical order, but I was
npr/US ush to find people who don't bother to file tax returns. NPR's Barbara Campbell reports.
usbooks/US ns # only to find that they hadn't filed taxes for years," he says. When making the
usnews/US Securities and Exchange Commission filing that he is considering eliminating Di
usnews/US , IMA Holdings said in another SEC filing that if its tender offer succeeds it plans
npr/US reporting: <p> Cochran: Jackie Roland filed that report for the BBC. Jean Cochran,
npr/US constraints. <p> Edwards: Jeremy Vine filed that report for the BBC. <p> LISTENER'S
npr/US to death. <p> Cochran: Catherine Bond filed that report for the BBC from Nairobi. Jean
npr/US er long it took. <p> Cochran: Jim Muir filed that report for the BBC. <p> Jean Cochran,
today/UK Southgate, Kentucky. <p> He quickly filed the first lawsuit for a client caught in
today/UK nd is a heavy drinker. Others say he filed the suit to counter the child abuse
today/UK million. <p> Her friends say she is filing the suit because she feels 'victimised all
times/UK sted. Pleading for charges not to be filed, the intruder was told to 'ask Pikoy". The
usspok/US up tomorrow that a lawsuit will be filed the moment that this provision is put into
usnews/US d last year that the SEC planned to file the suit. Paul Huey-Burns, an SEC branch

usnews/US nes, candidates will be required to file the names, street addresses, occupations and
usnews/US r-old reservist Theodore Brassinga, file the suit on behalf of herself and her son.
usnews/US upheld, unless criminal charges are filed. The alleged incident involving Nelson
usnews/US member Albert Jackson said that he filed the complaint. He said he believes the U.S.
usnews/US gal battle. The Dallas Times Herald filed the request with the FCC earlier this
usnews/US nched into telephones by taxpayers filing the simplest returns and transmitted from
usnews/US uptcy Code. In connection with the filing, the company said it agreed to sell its
usnews/US a, wouldn't comment beyond the SEC filing. The company provides marine cargo
usnews/US Securities and Exchange Commission filing, the partnership said it holds 61,674
usnews/US ted Datapoint shareholders without filing the proper proxy material. The dissidents
oznews/OZ a 115,000-carat -sized bauble. FACT FILE THE Liberace Museum is located at 1775 E.
oznews/OZ to update details in their personal file. The mail-out is expected to be completed by
oznews/OZ ne of whom is a Brisbane solicitor, filed the claim on Christmas Eve in the
oznews/OZ iversity Senate. If no objection is filed, the area is question will be permanently
usbooks/US le-By-Mail Catalog H&R/Archetype # File The Complete Guide to Buying by Mail
usbooks/US ndra J. Pappas <p> H&R/Archetype # File THE LISTING CODE THE LISTING CODE T o save
usbooks/US ation case. She readily agreed; he filed the fourth case, Gebhart v. Belton, in July
usbooks/US name of the official with whom he filed the papers and made clear that the
usbooks/US n the school toilet, he copied and filed the graffiti he found on the walls. The
bbc/UK nth's national assembly elections. She filed the papers on the same day that the interim
newsci/UK angry because I didn't back up your file?" The answer yes" would trigger the machine
npr/US constitutional, but the attorneys who filed the suit objected to the decision, and in
npr/US <p> Two years ago in Japan, a woman filed the nation's first civil lawsuit charging
brbooks/UK ted by some physical sign such as filing the teeth, marking the face or cutting the
guard/UK od Friday the following year he was filing the sports-page lead from the bicycle races
indy/UK ionship; iii) Ms. Lewinsky signed and filed the false affidavit; iv) the President used
usephem/US any injury or death. <p> YOU must file the report with DMV. CHP or the police will
brmags/UK g to sawtooth bits, and for these I file the top of the teeth rather than the face.
brmags/UK n tennis player Martina Navratilova filed the legal challenge to Amendment 2. </p>
brmags/UK ely after the initial lawsuits were filed, the Northampton trust, with Sotheby's
times/UK , foreign companies are permitted to file their accounts on the basis of IAS only if
oznews/OZ 2000. Those companies which do not file their disclosures by next Tuesday could face
oznews/OZ embers of the class will be free to file their claims. Jurors heard eight months of
bbc/UK (RPT FIVE TWO) DAYS TO CAMPAIGN AFTER FILING THEIR NOMINATION JAPAN AND CANADA TODAY
npr/US for the recording industry say they'll file their lawsuit next week. <p> For National
npr/US oat people home. Opponents say they'll file their petition soon after. Meanwhile,
npr/US y laid off workers had one less day to file their claims. Corey Flintoff, newscaster:
npr/US night. He urged people not to rush in filing their request. <p> Joachim Gauck (Stasi
guard/UK fternoon, between the time that they file their nomination papers at noon and 4pm when
today/UK ceive regarding your work status and file them in date order. Note the date, time and
oznews/OZ ne, includes: Questions to Telecom: file them in the Q's; Scotch: put that with I's;
usbooks/US ds of all his trance sessions, and filed them away neatly for the first time. Often
brbooks/UK d completed all the case notes and filed them away and then she started screaming.
indy/UK m out for easy reading. Then date and file them away neatly. Seminars or tutorials are

brmags/UK ts throw them out as fast as he can file them, Bill has spent the last 10 years
usbooks/US e defendant if an insanity plea is filed; therefore, we would have been denied that
usspok/US r. And remember, the group that has filed these suits is Judicial Watch; remember who
brbooks/UK personnel and salaries documents, filing these and updating personnel and salary
oznews/OZ are still carefully considered and filed. They help build a valuable overall picture
brbooks/UK send you a copy of what is on your file they will charge a nominal fee. This is when
usbooks/US . Once again, I urge my readers to file this possibility for a future reference. It
bbc/UK st of the damage was done. He has just filed this report: Those reports from Malcolm
sunnov/UK d in for them. He said: 'We have to file this game away and forget about it. I'm
npr/US he city. BBC's John Simpson managed to file this story early this morning. <p> John
npr/US ir supporters. The BBC's Julian Borger filed this report from Tokoza. <p> Julian Borger
npr/US Baghdad Radio from Nicosia, Cyprus, filed this report for the BBC. <p> Jim Muir
npr/US Earlier today the BBC's Peter Biles filed this report from Mombasa in neighboring
npr/US rgets in Greece where Tasia Kavvaadais filed this report. <p> Tasia Kavvaadais
npr/US oviet envoy Yevgeny Primakov. Jim Muir filed this report for the BBC. <p> Jim Muir
npr/US or the Iraqis. The BBC's Tim Llewellyn filed this report, from Baghdad. It was cleared
npr/US to the Israeli-occupied West Bank and filed this report. <p> Linda Gradstein reporting:
npr/US taken control of the city. Gerald Butt filed this report for the BBC. <p> Gerald Butt
npr/US ief missions a day. NPR's Deborah Wang filed this report from the largest refugee camp
npr/US borah Wang was in Zakho today, and she filed this report. <p> Deborah Wang reporting:
npr/US ard peaceful reunification. Simon Long filed this report for the BBC. <p> Simon Long
npr/US are scheduled for next year. Jan Zipf filed this report for the BBC. <p> Jan Zipf
npr/US the capital, Manila. Baudine England filed this report for the BBC. <p> Baudine
npr/US f member station KQED in San Francisco filed this report. <p> Eric Jansen reporting (
npr/US roatian capital of Zagreb, Jane Howard filed this report for the BBC. <p> Jane Howard
npr/US ir homeland. From Miami, Doug Phillips filed this report. <p> Doug Phillips reporting:
npr/US as entered its sixth day. Carol Walker filed this report for the BBC. <p> Carol Walker
npr/US rm an interim government. Chris Bowers filed this report for the BBC from Kabul. <p>
npr/US vernment is saying no. Oliver Relinger filed this report for the BBC from Berlin. <p>
npr/US ia. NPR's John Ydstie is in Munich and filed this report. <p> John Ydstie reporting: <p>
npr/US PR's Kathy Lohr visited New Iberia and filed this report. <p> Kathy Lohr reporting: <p>
npr/US government. <p> NPR's Linda Gradstein filed this report. <p> Linda Gradstein reporting:
npr/US e middle-class. NPR's Elizabeth Arnold filed this report from Livonia, Michigan. <p>
npr/US nce of the fighting. Pete--Peter Biles filed this report for the BBC. <p> Peter Biles
npr/US o name Stempel's successor. Don Gonyea filed this report. <p> Don Gonyea reporting: <p>
npr/US t patrol with a unit of US Marines and filed this report. <p> Deborah Wang reporting:
npr/US roblems. From Addis Ababa, Lucy Hannan filed this report for the BBC. <p> LUCY HANNAN,
npr/US s they've recovered. NPR's Dan Charles filed this report. <p> DAN CHARLES, Reporter:
npr/US nvironment Correspondent Phillip Davis filed this report. <p> Sound of birds chirping]
npr/US e. From London, NPR's Michael Goldfarb files this report on a crisis whose roots are
guard/UK bert's novel filming his summer. . . File this under 'trouble ahead # Granada is
indy/UK ction with Chambers Dictionaries. <p> File this as info-kitsch if you want, but as the
times/UK ays going to be an odd day -- guests filed through two lines of identical Japanese
oznews/OZ lice officer. Millar lost all pleas filed through constitutional means. Like many

usbooks/US oodly crowd milled about the yard, filed through the house, and peered into the shed
news/UK g professionals arrives and begins filing through a small door at the end of an
brspok/UK ut any doubt about it we could have filed through there three or four abreast and we
brmags/UK f us left the planet behind when we filed through the gate. </p> <p> The cement
usbooks/US expansion of the number of appeals filed. Thus, the crisis some commentators see in
times/UK spapers were intercepted. Complaints filed to the police were dismissed. From Bryn
usnews/US e. Jeffrey Brotman, a board member, filed to sell 100,000 shares. Arthur Rubinfeld,
usnews/US dura spokesman said the lawsuit was filed 'to ensure that the consent solicitation
oznews/OZ nessman's wife. The affidavits were filed to object to Nalla's application to be
usbooks/US 2 twice to continue searching your file. To practice searching a file to locate the
usbooks/US s to compare both versions of your file to see which one they prefer. Practice using
brbooks/UK e Brazilian Embassy had to send my file to Brasilia! The first telex would cost <f>
brmags/UK with a special resin. Each nail is filed to length and buffed smooth. To secure and
brmags/UK elded mesh with all the sharp edges filed to allow the birds to climb out more
usspok/US he case of the reply brief that was filed today in the court. And I don't believe
bbc/UK are likely. Charges are expected to be filed today in Islamabad against prominent
npr/US was contained in a 14-count indictment filed today in Brooklyn federal court. The
npr/US two-year period. The first appeal was filed today to a military court in Nablus. The
brephem/UK , 'back and forth" causes damage. Filing too much on sides also weakens nails. For
usbooks/US d a permanent place in your baking file too. <p> Baking a good old-fashioned cake,
brspok/UK atabase. <M01> Right. <M02> We then file transfer that to our file server <M01>
usnews/US the money contest. Campaign reports filed Tuesday with the Federal Election
news/UK een filed, you've no excuse. It was filed two-and-a-half years ago, so people,
times/UK here a list of agreed items had been filed under Order 75, rule 41(6) or any items had
times/UK > IF MARK Hughes's playing career is filed under 'legendary" when it is completed, he
oznews/OZ l Never Fall in Love Again. Also to file under the strange juxtapositions department:
sunnov/UK ht nylon suits and slacks, all best filed under the phrase 'lounge chic." Gee, I look
npr/US o begin. She has this report which was filed under US military restrictions. <p> excerpt
indy/UK rs, has gone down into Highbury lore, filed under Nightmares. It was the day, since
indy/UK made our own way to Bromley-by-Bow, filing under the lorried roar of the Blackwall
today/UK dit reference agencies to keep their files up to date. <p> As for credit issuers, they
bbc/UK Hiett has just been to Fez and has now filed us this despatch from the Moroccan capital
usnews/US n there are miscellaneous fees for filing various documents. Many banks also charge
usnews/US ompany. News of the Glazer group's filing wasn't disclosed until after the close of
usbooks/US erever she went and that her tutor file weekly reports to the Inner London Education
econ/UK director of Courtaulds, the accounts filed when Courtaulds Textiles sought a listing
npr/US it was too late--two days late being filed which made it impossible for him to get a
usbooks/US be added. It is a clue worthy of filing while we look for others that might
oznews/OZ t of Filing, Howard's hope is that Filing will now come back and be re-endorsed as
times/UK d Dodi Fayed. According to documents filed with a Los Angeles court, the Egyptian-born
times/UK tained in a 'warts-and-all" document filed with regulators in the US. Creditors
usnews/US e. In the Form 20-F the bank had to file with the Securities and Exchange Commission,
usnews/US ent of Medicaid expenses. They were filed with the Food and Drug Administration as
usnews/US d automatic consent if Form 3115 is filed with a return, including an amended 1988

usnews/US The following issues were recently filed with the Securities and Exchange
usnews/US rrent plan, which is expected to be filed with the Securities and Exchange Commission
usnews/US nd thrifts. In a shelf registration filed with the Securities and Exchange
usnews/US The following issues were recently filed with the Securities and Exchange
usnews/US Mass. </bl> ImmunoGen Inc. said it filed with the Securities and Exchange Commission
usnews/US n addition, the company said it has filed with the Securities and Exchange Commission
usnews/US The following issues were recently filed with the Securities and Exchange
usnews/US ON, Mich. </bl> Consumers Power Co. filed with the Michigan Public Service Commission
usnews/US ginal. Reimbursement claims must be filed with the IRS district or service-center
usnews/US will amend a registration statement filed with the Securities and Exchange Commission
usnews/US iate. Ampco-Pittsburgh in its 13-D filing with the Securities and Exchange
usbooks/US sualty has occurred if no claim is filed with the insurance company. Filing a claim,
usbooks/US hat the policy forms and rates are filed with the state insurance department. Filed
npr/US and records only those complaints filed with the Justice Department. Lawmakers were
npr/US e--the Yugoslav government in Belgrade filed with the United Nations a whole list of
npr/US that role. A formal complaint has been filed with Senate Select Ethics Committee
usacad/US outpatient treatment reports to be filed with insurance companies, and mandatory
brbooks/UK cil to comment on it before it was filed with the Court for its consideration and
guard/UK irm was forced to admit in documents filed with the Securities and Exchange Commission
brmags/UK om about quarter to nine the air is filed with the noise of children rushing around.
brmags/UK 1989. </p> <p> In a 17-page motion filed with the Indiana Court of Appeals on behalf
brbooks/UK 3-4 indicates, complaints must be filed within 180 days of an alleged violation. If
brmags/UK stliest in US history. Charges were filed without sufficient facts, he claimed. </p>
usnews/US outhmark Corp # Firm to Be Late in Filing Year-End Financial Results </hl> Southmark
usspok/US hadn't filed, and, in fact, he did file yesterday. There was also quite a contrast [N
usnews/US it hadn't seen the suit, which was filed yesterday in state court in Anchorage, and
usnews/US ell, corporate secretary. The suit, filed yesterday in U.S. District Court in
usnews/US es to restrict abortions. The brief filed yesterday says state regulations need only
oznews/OZ he knew", according to papers Marks filed yesterday in Manhattan's State Supreme
npr/US e ratepayers. <p> Hartman: The lawsuit filed yesterday is just the latest attempt by the
usephem/US ware that provides all you need to file your 1995 federal income taxes! Available

[[Person]] file [[PhysObj]]

brmags/UK coloured or mis-shapen tooth was to file it down to a Dracula-style fang and then cap
usephem/US kitchen oven, Fimo can be carved, filed, cut and painted. Watertight and washable.
brbooks/UK r natural nail, and the surface is filed down to conceal the join. <116> Built-up
usbooks/US ding, McKee thought, like an ogre filing off his chains. He reached for his

[[Person]] file nails

today/UK your new secretary. <p> She doesn't file her nails, make coffee or take personal
brephem/UK e, make sure nails are dry -- then file in one direction only, 'back and forth" [NUL

[[Legal Entity]] file [[Aperture]] in [[PhysObj]]

indy/UK alogous test with a disc from which I filed a semicircular notch. That disc also

[[Person]] file [[0]] [Adv-Direction]

usbooks/US f room. Glad to have you." Several filed aboard and followed him below. <p> The sea
oznews/OZ caught cornering Swans fans as they filed from the ground. Among the Kangaroos
usbooks/US o a roadblock on Highway 8. Iraqis filed from the first bus in good order, but on
usbooks/US gton took his high place, the jury filed in, and I was ushered forward to the
usbooks/US arnabas and the North Shore Chapel filed in under amber lights in their white
usbooks/US zed down on his fellow Bohemians, filing in to the log benches. 'God, I love it." He
guard/UK . THE jury in Birmingham Crown Court filed in through a metal detecting gate. Wheep
brmags/UK > The kitchen door opens and people file in: Catherine's husband, Sir Mark Palmer,
brbooks/UK st the entrance. She paid and they filed inside. All they saw was a long box like a
times/UK ecided his fate. Only the 49 members filed into the stadium that Farry had striven to
usnews/US rrying 'Campaign for Justice" signs filed into the City Council meeting Monday to
usbooks/US ck women calls us to dinner and we file into the dining room and light the Sabbath
sunnov/UK il freezes instantly. Silently they file into straight lines. Not a whisper or a
npr/US Glasgow, Scotland, hundreds of people file into an abandoned factory to see an epic
npr/US ing: <p> From the moment the delegates filed into the conference center, it became clear
brbooks/UK p> Unobtrusively, the other actors filed into the lounge and seated themselves among
brbooks/UK shells came. <p> They would start filing into the assault trenches at quarter past
brbooks/UK gratefully, looking at the crowd filing into the conference room. Beyond them he
guard/UK d haggard and were trembling as they filed into a room at a Srinagar hotel. The
guard/UK pound coins at shareholders as they filed into Pudsey civic centre on the edge of
indy/UK tells him about the women who used to file into the holds of great ships with loads of
indy/UK ndergarten onwards, on 11 November we filed into the school hall at five to 11; we
brmags/UK , around 50 or so senior executives file into one of London Weekend Television's
usnews/US ly hyperachieving country, students file out of public and private high schools not
usnews/US the game to start. Then we began to file out, to wait safely on terra firma for the
econ/UK uel, however, was not. As the cabinet filed out, one of Mr Major's most senior
oznews/OZ ad a quip to Lazarus as the players filed out of dressing-room. You had a blinder.
usbooks/US d waved her hands. I guess we just filed out and left. All I can remember is the
sunnov/UK n in London's posh Pimlico. As they filed out with smug grins on their faces I wished
npr/US of them, and that's where they're all filing out of. Where they've gone now is into the
brbooks/UK undred and fifty black-robed monks filed out of their stalls at the end of the
brbooks/UK was still warm. The children were filing out the door when Bobby Joe Proctor gave
guard/UK order. He should stop." And everyone filed out, some of them hoping that the emperor
indy/UK as Arsenal's record home attendance) filed out, largely happy, into the cold air, they
indy/UK a speedy exit and the pir's patients filed out, all smiles and salaams. Wednesday's
indy/UK g table, they watched Eddy's friends filing out into the garden. Each girl was more

usephem/US ad left in the vestibule, so as we filed out of the dining room I ran down two long
today/UK nloving mother obsessed with money - filed past her prone form. <p> Junior counsel
times/UK rday as thousands of French strikers filed past, waving lighted torches, setting off
econ/UK died, 40,000 of his fellow Mancunians filed past his coffin. Little did they know that
brbooks/UK recautions," Jupiter said, as they filed past. 'It prevents any thief from smashing
brbooks/UK n the compartment while the public filed past the windows; the raised platform
guard/UK personal life. For the thousands who filed past her open coffin in Madrid last week
indy/UK r fists in salute to the proletariat filing past. The railway workers and commuters

CORPUS ANALYSIS OF “TREAT”

NNORM 1: 30% of all uses of this verb

[[Person1]] treat [[Person2]] (at|in [[Hospital]]) (for [[Injury|Medical Condition]]) (with [[Me
[[Person | Medicament]] treat [[Injury|Medical Condition]] [0]

oznews/OZ ctober, Dr Mason and his team have treated 18 patients. Traditionally, such patients
usbooks/US Two, and Three. People are being treated 24 hours per day, seven days a week.
usephem/US infection-fighting antibiotics to treat 40 wounded children. <p> 250 - Supplies 175
usnews/US may have medical applications in treating a benign tumor that accounts for about 18%
usnews/US 's financial shortfall stems from treating a greater number of MediCal patients than
oznews/OZ sciplines involving themselves in treating a ludicrously mild case of a condition
brbooks/UK s the efficacy of Bio Harmony in treating a wide range of disorders. <p> What is so
oznews/OZ de how hospital patients should be treated, after the recent deaths of two Jehovah's
bbc/UK </h> <p> The first drug approved for treating AIDS has been found to have a significant
usacad/US urgency of the need to prevent and treat alcohol abuse problems among this
sunnov/UK eatment. Acupuncture can be used to treat almost anything and I have helped dogs with
brbooks/UK e kind of conditions they commonly treat, also tend to function as 'family
brbooks/UK by the end of 1991. The cost of treating an AIDS patient from diagnosis to death
guard/UK patient cannot at the same time be treating an NHS patient. 2. People who pay money to
usnews/US tibody-based products that prevent, treat and diagnose diseases. <p> <hl> Little Elan
brbooks/UK ng some of the conditions they can treat and this has led to the whole profession
usnews/US dependent on a single drug, which treats arthritis and is losing ground to
bbc/UK efects. But other conditions could be treated as well. Hormone and enzyme deficiencies
today/UK battling with the outbreak but was treated at the local hospital. <p> Sgt Weston said
today/UK hour ordeal. <p> The woman, who was treated at a hospital in Chester, is recovering at
today/UK me disease as Nicholas and was also treated at Barts. <p> She lost her first eye when
sunnov/UK ng. The driver of the Explorer was treated at Stirling Royal Infirmary for minor
sunnov/UK lage school. Paedophiles are being treated at a new hospital wing which health bosses
guard/UK s most hope. Top of the league for treating bowel cancer is the Netherlands, while the
oznews/OZ ants live in trees. The best way to treat bull ant or green ant stings is with tea-
indy/UK d to be a killer. Today it is easily treated, but a recent outbreak surprised one
today/UK over sick dentist </h> <p> PATIENTS treated by a dental student suffering from the
times/UK ain and took him home. There he was treated by his GP. Last week Glass effectively
times/UK Almost all of the flu sufferers are treated by France's 60,000 GPs, who complain of
usbooks/US ly in hospitalized patients being treated by medical students and interns. I
sunnov/UK n state occasions. The soldier was treated by Army medics from a nearby barracks.
guard/UK me injured hotel workers were being treated by doctors in the hotel lobby. The roads
guard/UK irst diagnosed a few years ago, and treated by radiotherapy and chemotherapy. However,
indy/UK ng reel is a regular local complaint treated by the local doctors. <p> Another delight
today/UK ied four years ago. <p> Doctors who treated cancer patient Mr Barrantes accompanied

usbooks/US in the care of the feet). They can treat chronic conditions, provide the necessary
brbooks/UK ut the body. This group is used to treat circulation disorders including
oznews/OZ evacuated from the building. Those treated complained of nose, throat and eye
npr/US ants with AIDS and about 21 million to treat coronary heart disease. <p> Dr. NORBERT
indy/UK ing that more patients will still be treated. Department of Health sources said that
news/UK ion, any herbal preparation sold to treat disease is subject to the same quality,
oznews/OZ biological research has given the treating doctors the ability to categorise child
sunn/UK ing conditions and if they are not treated during their pregnancy they will die.
brmags/UK ynical. But so effective is it at treating eczema, for instance, that Dr David
today/UK xposed. <p> No country can afford to treat every single patient with every single
today/UK airlifted off the hillside. One was treated for mild hypothermia, but they were
times/UK from hospital on Sunday after being treated for minor head injuries and a broken
times/UK al in Port Stanley, where they were treated for shock and exposure. <p> Mr and Mrs
bbc/UK is keys. He was taken to hospital and treated for a dislocated shoulder. The authorities
bbc/UK nsiderable damage. A teenage girl was treated for shock. There have also been two
bbc/UK three nights in hospital where he was treated for a broken right arm, received in a fall
news/UK ecies." <p> The tips of shoots are treated for up to 48 hours with a '
news/UK cient adults most of whom had been treated for tumours of the pituitary gland. They
sunn/UK n at their usual haunts. Patsy was treated for depression last year after checking
sunn/UK had been suffering depression, was treated for 30 minutes by medics in a basement
sunn/UK rned red." Two women cleaners were treated for smoke inhalation. <hl> Ski-mmed milk
sunn/UK sed after pulling up and had to be treated for dehydration. Fortunately, he soon
npr/US and more than 90,000 people have been treated for cholera since the epidemic began in
usacad/US patient misdiagnosed is one who is treated for secondary symptoms at best and may be
indy/UK e the hospital in which he was being treated for his first heart attack, 'waiting for
times/UK PH value; this makes it ideal for treating gastric ulcers. Dog breeders buy it
brbooks/UK ction. Combine it with rosemary to treat gout - either six drops of each in four
news/UK mophilia B. <p> At present, doctors treat haemophilia B by injecting concentrates of
sunn/UK into hospital to get his addiction treated. He saw a psychiatrist and spent time in a
oznews/OZ pregnancy. But it also was used to treat height problems among either excessively
news/UK t by that time, the doctor who had treated her mother had died-and she had left no
usbooks/US ort. Before doctors could begin to treat him, however, he suffered a stroke, and
today/UK tion by Professor John Browett, who treated his knee injury. <p> Lazio team doctor
brmags/UK e. Britain's two main centres for treating HIV-positive children have over 200 cases
guard/UK anded Eucardic in the UK, is used to treat hypertension. Clinical trials have been
today/UK hospital when they should have been treated in a surgery." <p> Children are often
oznews/OZ irth defect which was unable to be treated in her home country. She was born with her
bbc/UK a model of multiple sclerosis, can be treated in animals using the same approach and by
sunn/UK in Bath, Somerset. Jane had to be treated in hospital for serious cuts after she was
sunn/UK atives in their hired minibus were treated in hospital after the crash involving a
sunn/UK o short of beds patients are being treated in an ambulance outside. Geoff Martin, of
brbooks/UK were poorly developed. Sonia was treated in Mendes' office rather than in the
guard/UK eathing apparatus. Three were later treated in hospital. Police are also checking
guard/UK . His companion, aged 33, was being treated in hospital at Tarbes for hypothermia but

econ/UK engineered gonadotropin produced to treat infertility. The drug, now in clinical
bbc/UK ngland to make contingency plans for treating injured soldiers # including those
usephem/US ecognize/treat worms, secrets to treating intestinal disturbances, how to handle a
guard/UK rity service. 'And worse, they are treating it with secondary chemicals which render
newsci/UK 90501 </date> A Novel approach to treating Kaposi's sarcoma-a lethal skin cancer
indy/UK essed. EPO is employed in medicine to treat kidney disease but it can also be used to
times/UK for Complementary Medicine, he has treated many clients suffering from this condition
usbooks/US hich if undiagnosed or improperly treated may have a long-range impact on fertility
newsci/UK ro evidence that drugs developed to treat mental deficits work in normal people They
brmags/UK takes the holistic approach by treating mind, body and face through a form of
brbooks/UK the garden to keep you healthy and treat minor ailments. The body and mind) must be
indy/UK Florence has discovered that he is treating more patients with stomach complaints
brephem/UK ge of licensed herbal medicines to treat most common ailments. For more information
indy/UK gyman and a psychotherapist who are treating Mr Brain. <p> People's stories are about
indy/UK ramedics were on scene, attempting to treat Ms Dando's terrible head injuries. A second
usnews/US ome said it hopes to use GENT-65 to treat mycobacterium avium intracellulare and
usbooks/US ntagonist drug naloxone, used in treating narcotic overdoses, also blocks the action
usbooks/US to diminish his symptoms.<p> The treating neurologist tried to confront him
econ/UK e in Mapela has slumped. Local nurses treat only one gun-shot injury every three
brephem/UK natural remedies, each designed to treat or alleviate a specific condition. Don't
usephem/US n for the purpose of attempting to treat or relieve any injuries received by said
usbooks/US s with denial. Specialty group may treat other needs as well. Patients are assigned
oznews/OZ f but they came right quickly when treated. Out of 300 million people who have
bbc/UK to use foetal brain tissue implants to treat Parkinson's disease before this latest
newsci/UK en testing adenoviruses as a way to treat patients with cystic fibrosis. 'We'll be
npr/US s shows as many as half do not want to treat patients infected with the AIDS virus. The
npr/US tal tissue from induced abortions in treating patients with Parkinson's disease. In
guard/UK me from the resources allocated to treating patients. The first 10 privately financed
indy/UK sing. The culture of 'throughput" - treating patients ever more quickly - is the main
brbooks/UK ation techniques are being used to treat people with these hyper-arousal problems,
brmags/UK system, leading to new therapies to treat people with cancer, or even to immunise
today/UK use of hospital cancer equipment to treat pets. Millions of painful experiments have
indy/UK she continues, 'who specialises in treating phobics." <p> Well, could you go to him?"
usacad/US are primarily designed and used to treat schizophrenia. Nonetheless, psychotic
today/UK at, his second wife, who boasts of treating Shirley Bassey and Twiggy, is a failed
times/UK y never have needed if she had been treated sooner. She is angry at the waste and
oznews/OZ nuemothorax in his left lung, all treating specialists have concurred that he must
times/UK encounter with kava, a herb used to treat stress, is in my local bar in New York.
usbooks/US talized schizophrenics were first treated successfully with a drug called Thorazine.
today/UK om dehydration and exercise. <p> You treat that condition with massive fluid
today/UK <p> But before medical staff would treat the foot, they insisted that all the boy's
today/UK ital and returned with a doctor who treated the girl till an ambulance arrived." <p>
usbooks/US gical and nonsurgical therapies to treat the breast cancer, which may involve
usbooks/US ique that every intern learns by treating the alcoholics in big-city hospital

newsci/UK drug has been used successfully to treat the disease. <p> Cystic fibrosis is an
guard/UK ation on. Which is why he chooses to treat the sick rather than the self-seeking
usbooks/US repeated efforts by clinicians to treat them are more often than not immersed in
usbooks/US 'Arabs to be Nazis" and refused to treat them when they came in for emergency
usbooks/US as soon as the patients had been treated to the point of having a disease
brmags/UK boo is dealt with. The women being treated there have been offered large sums of
bbc/UK l in the Basti district to assist in treating those affected. </p> <h> IRAQI PIPES BOWES
brbooks/UK y people was the drug of choice to treat those symptoms when patients became ill.
brbooks/UK als, where staff <f> ought to be treating those who are really sick. <p> <o> You are
brmags/UK ve. Alternatively, 'Acupuncture can treat thrush very effectively. It restores the
brbooks/UK will quickly turn to relief. When treated two or three times a day, the mouth ulcer
newsci/UK s Salmonella, making them harder to treat when they infect humans. The FDA's
usbooks/US ble hard work. Weight Loss Drugs Treating weight problems with the help of drugs is
times/UK ancerous skin, which will have been treated with a photosensitive drug. On internal
econ/UK of looking after themselves), those treated with desferrioxamine fell, on average,
oznews/OZ for Dunstan's safety. He is being treated with anti-depressant medication," he told
usbooks/US chest pains are less likely to be treated with clot-busting drugs within the
indy/UK d gland. Each time it flares up I am treated with carbimazole tablets and beta-
brmags/UK n be effective. Varicose veins are treated with surgical stockings, injection
brmags/UK mobile, and I understand it can be treated with some form of surgery. </p> <p> It's
brmags/UK undreds of cases of patients being treated with blood which had not been screened for
usbooks/US refore of the mother herself. In treating young children suffering with speech
brbooks/UK us it's not a good idea to try and treat yourself. You would be better off visiting

Norm 2: 60% of all uses of this verb in a general corpus

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[[Legal Entity]] treat [[Toptype]] [Adv[Manner]]
[[Legal Entity]] treat [[Toptype]] in (a particular) way
[[Legal Entity]] treat [[Toptype1]] {as | like} {[S] | [[Toptype2]]}
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Subcategory 2.1: Any Adverbial of Manner

indy/UK ntion that such players are unfairly treated, a view voiced by Vialli after the recent
npr/US ccording to Islamic law. Will they be treated according to the Geneva conventions and
brmags/UK p with old friends and we were all treated accordingly. The co-operation and
usbooks/US Known as Baby for many years and treated accordingly, Hildegard spent much of her
brbooks/UK n teachers in such a way that they treat all children in ways that enhance self-
econ/UK nsumer-goods companies have tended to treat all grey heads alike. That is foolish. As
brbooks/UK eneral factors - in other words to treat all conflicts the same. As symbolic actions
today/UK re among the best paid and the best treated among Soviet citizens. <p> In return they
newsci/UK meet the engineering challenge of treating and disposing of sewage in the safest way
npr/US k people feel at the way they've been treated and continue to be treated in American

guard/UK o Britain. He said he had been well treated and fed while in captivity after initial guard/UK is possible to be a good farmer who treats animals with respect and can also kill them indy/UK animals in their work help people to treat animals with genuine compassion. Kitsch sunnow/UK n we come home we don't want to be treated any differently. We usually come home to brmags/UK a handicap. If we don't know how to treat beauty, how are we ever going to find a way brmags/UK ot. It's not his fault that he was treated better than other kids and never needed to usbooks/US and how he or she perceives being treated. Both expectations and perceptions are brmags/UK of her cast list world famous, she treats both with grace, style and a nicely judged today/UK race last year, remains reasonably treated but would prefer faster ground. 4.15: guard/UK vice. He feels he has been shabbily treated. But to try to take revenge on his former times/UK d 1830s. The opera has been harshly treated by English-speaking critics contemptuous econ/UK riving a car, it will continue to be treated by many with suspicion and, often, fear. usbooks/US ved a math from hell, and were so treated by the antiwar movement.<p> You did not brbooks/UK anner in which de Gaulle had been treated by the 'Anglo-Saxon' powers made the indy/UK ry, and pique at the way he has been treated by the British Athletic Federation's brmags/UK g to people who have been unfairly treated by the press or television. If you can oznews/OZ p in their attack but police were treating cautiously student accounts of up to four brbooks/UK fforts to repress them I've been treating Charley in a way which did him no indy/UK l houses. But they may also be badly treated. Collectors may not think twice about econ/UK ations. There are broadly two ways to treat conflict management, according to the sunnow/UK ex. Protesters say 300 monkeys are treated cruelly at the site. Farm bosses say it is times/UK Levin <p> The banks claim they treat customers' complaints very seriously so sunnow/UK ferent colour skin. We have always treated different ethnic groups with the utmost today/UK e class doesn't mean they should be treated differently. They broke the law and should bbc/UK could not be singularized # that is, treated differently from other sovereign States; newsci/UK ome, because named animals will be treated differently - usually less objectively brbooks/UK ok suspiciously like debt but are treated differently in the accounts. Some of these indy/UK e way that the competitors have been treated. Every sport is riddled with drugs brspok/UK ould have equal opportunity and be treated exactly the same your normal retirement today/UK citor Milton Firman said he must be treated fairly despite 'his notoriety". <p> <h> times/UK brushes aside the claims: 'We don't treat female reporters any differently to male guard/UK he coffee plantations are inhumanly treated. Great profits are made out of coffee, but brbooks/UK is able to fertilize a specially treated hamster egg without producing any science bbc/UK tunity to recycle the waste. Suitably treated, he said, it could be used as fertiliser brmags/UK ur distinctive and sympathetically treated heads on one sheet of paper. </p> <p> usbooks/US ue ribbon in sight and mother had treated her carefully, attentively. But now Kate sunnow/UK ne-night stands. I don't know why I treat her so badly. I really loved my ex-wife but sunnow/UK bleeding from which she died. You treated her with utmost violence. You tortured, brbooks/UK ack for more, boys! You must have treated her well last time, so give her the same brbooks/UK at the Church which she felt had treated her so shabbily. By this time, halfway guard/UK his knowledge of her condition by treating her with the same brusque off-handedness brmags/UK rds the men she loved, all of whom treated her pretty shabbily. Early attachments brbooks/UK drive you to your hotel. You will treat him with respect. You will remain available brbooks/UK e enough," De Costa assented. 'But treat him with circumspection, as I say." <p> I

usbooks/US the worse the Jewish male writer treated his mother (in print, at least). To Henry sunnow/UK dered them ripe for the taking. He treated his large comprehensive school near Leeds, guard/UK do British broadcasters feel free to treat imported series so casually? Among the most oznews/OZ uty contests. We are conditioned to treat imposing people with more deference than brmags/UK surance contributions, you will be treated in exactly the same way as a man or a times/UK x to 0171-782 5124. Letters will be treated in strict confidence. Some names may be usbooks/US 'grandchild" sequences, all to be treated in the same way.<p> Outward and outward usbooks/US ate in which non-Muslims would be treated in an exemplary way. Rashid Rida suggested npr/US e Iraqi occupation of Kuwait would be treated in this manner, and we found that this npr/US ng to do with the way women should be treated in the workplace, there might be a usacad/US lored the way the Indians had been treated in the past, believed that the only brbooks/UK ost difficult and disruptive, are treated in a humane and responsible manner they brbooks/UK o P in 19X0. The situation can be treated in one of two ways. Either a step-by-step indy/UK ear in print, however badly they are treated. In the past, this imbalance of power indy/UK s arrival in 1987, had been unfairly treated in the wake of Brian Lara's three-year brmags/UK 's offers. <p> Names/addresses are treated in strictest confidence. Advertising forms oznews/OZ e way he, and so many others, were treated is being applied again. He is seeking econ/UK t is the way the man himself seems to treat it. The book has many keen insights into usbooks/US nce of Marxism, thus he could only treat it with irony and humor. His frivolity was npr/US te, to treat it seriously. They didn't treat it seriously enough at first, and now they' brmags/UK n amuse them and, at the same time, treat it in the way that men treat 'their" sport. times/UK f a civilised society is the way it treats its sex offenders, because they provoke the oznews/OZ h is his employer and he should be treated just the same as any other employee. But guard/UK in Britain, but not all of them are treated kindly. Last week, the National Canine guard/UK have long complained that they are treated less generously under the existing brmags/UK ug. We find that the applicant was treated less favourably than any other probationer times/UK randon's official complaint, an act treated lightly, with the darkest consequences. npr/US m in real life. In effect, our schools treat math the way Japanese schools treat times/UK ay people react to you. And they did treat me differently." Now that cosmetic surgery sunnow/UK and appreciate the way people have treated me here. I don't need anybody to love me, brmags/UK Supportive, honest people who don't treat me badly." So she's pretty sorted these brmags/UK e, when she was brand new. She had treated me well in undemanding seas, but I doubted guard/UK t that was the way to do things - to treat men as casually as they treated women. I econ/UK atio of 80-90%. But Ireland has been treated much more kindly recently by international brbooks/UK is that human beings too must be treated 'not only with respect but with awe, and sunnow/UK action from the Scottish fans. I'm treated nothing short of spectacularly when I play today/UK n threat. <p> He doesn't look badly treated on the form of his third to the useful today/UK forgotten, and he looks reasonably treated on a 9lb higher mark than when trotting up brbooks/UK alized belatedly that life did not treat others less well favoured so generously. brspok/UK ange the way we're doing er we're treating ozone in the model. <M01> Yeah. <M02> We' guard/UK imals. The question is how they are treated." Resuming the export of sheep or veal indy/UK isoners got to Copenhagen, they were treated right royally by the Danes, especially the today/UK the victim of a crime and is being treated sensitively," said Detective Inspector Jim today/UK a life ban if the two positives are treated separately. <p> Edwards called a news

oznews/OZ Hingis said she would have to be 'treated seriously' by those rivals who considered
brbooks/UK ow called, has only recently been treated seriously. Symptoms include lethargy,
brmags/UK n his hols - you are someone to be treated seriously. If the computer is showing that
brmags/UK he Conservative Party that she was treated shabbily," Mrs Shephard replies. 'She
usbooks/US g of blacks. Defense workers were treated similarly. In early 1941, Randolph, who
today/UK rworked counter clerks peanuts and treating small clients with apparent contempt. <p>
oznews/OZ o be cultural. Women in Africa are treated so differently. I don't think he meant it
usbooks/US reat him the same way in which he treated so many others, smaller and weaker than
guard/UK ler. If the Metropolitan Police had treated Stephen's murder, or indeed the countless
today/UK Rowland seems not only vague, but to treat the matter in a light-hearted, even
times/UK ble for the Bank and the Treasury to treat the pound with such benign neglect. A
times/UK d effort and long-term savings, and treated the rich and poor fairly. <p> <h> Labour
brephem/UK I want to fit in with the way you treat the children, and maybe she feels she knows
econ/UK the market, Mr Blair is passive. He treats the global markets (much laughter in Soho)
oznews/OZ alcon has meant drivers have had to treat the clutch with respect. Ford Tickford Team
oznews/OZ in Blewett at the crease. The pair treated the Victorian attack with contempt,
sunnov/UK d I certainly didn't deserve to be treated the way I was. I was kicking into the wind
brbooks/UK ine following with two candles, to treat the master of the castle with proper
guard/UK s on condition that I would agree to treat the offer in strictest confidence. They say
guard/UK group what takes place within it, treating the other members with respect, listening
indy/UK and Downing Street and Millbank have treated the Welsh people in an arrogant and
brmags/UK wood, and it changed my life. They treated the kids with love." When his mother moved
econ/UK international concern. Regimes which treated their citizens abominably would, it was
brbooks/UK gly and respectfully as they would treat their heterosexual children. However, if
usnews/US % of employees who say their bosses treat them with respect, but only a third of
oznews/OZ reat how people will react when you treat them the right way," said Mr Phillips.
oznews/OZ egal labour, and they know they can treat them in any way because of this," Mr
npr/US nst the Shiites since Baghdad has not treated them any better than it's treated the
npr/US of allowing gays in the military but treating them differently than heterosexual
brbooks/UK themselves on their fairness. You treat them right and they'll do the same. Double-
oznews/OZ Sure you're paying 50-grand to be treated this well, but the baby Volvo certainly
indy/UK n meet with Triumph and Disaster, And treat those two impostors just the same # <p> It
today/UK y with which Clive James would have treated Trump's trumpeting. Imagine how Ruby Wax
today/UK grams of Garsington, Oxon, had been treated unfairly and could have done nothing to
guard/UK ment is expected to be that she was treated unfairly. She has indicated that she will
brmags/UK ere you were born, but you've been treated unfairly there. </p> <p> That's right,
today/UK Palace. <p> They just don't want to treat us properly," complained Christie. 'How can
oznews/OZ men doing the course but they have treated us really well -- we've had a ball," she
brbooks/UK lanet individual who persistently treats us badly, who remains blind to their
newsci/UK ious guides have either ignored or treated very badly in terms of illustration.
econ/UK Colonel Peck - parted and Scott was treated viciously by his stepfather. So was his
brspok/UK Yeah. <F01> Okay. And how were you treated? Was it was there any difference between
usbooks/US se children were too well raised, treated too liberally, loved too indiscriminately,
brmags/UK be cured - but the spots can now be treat very effectively. Topical antibiotic

today/UK political chicanery deserves to be treated with contempt but this one warrants times/UK o the 1960s. These heroes should be treated with a certain reverence. Relatively few oznews/OZ all disciplines were discussed and treated with respect. She and her five siblings oznews/OZ nuary, 1886. At first the Benz was treated with scepticism. But Karl's optimistic usbooks/US riminals, has the official church treated with such absolute certainty of their usbooks/US limbed tenement stairs were often treated with gratitude for the care they brought usbooks/US hich homosexual persons have been treated with such unaccepting hostility that the bbc/UK al # These claims should, however, be treated with caution. Several years ago the npr/US y's coming," he announces. Lucilla is treated with loving aura in the Rojaz family. The npr/US institution that I think needs to be treated with great sensitivity, and instead of usacad/US maintained them faithfully, and he treated with the utmost respect all whom he had brbooks/UK tedly told that their men must be treated with kindness, that they must get to know brbooks/UK ilst the mentally handicapped are treated with respect and compassion. And so much brbooks/UK act in some restaurants you'll be treated with nothing short of contempt. The guard/UK nduced traffic" agenda needed to be treated with scepticism. It is easy to see why guard/UK ng around the flag means Clinton is treated with sceptical caution. All of which has indy/UK -utans, is, I reckon, a medium to be treated with great respect. And perhaps a little brmags/UK e rest of the fins also need to be treated with care. Carp with bits of their tails brmags/UK omplex than I had imagined. Gin is treated with great reverence by its distillers, in brbooks/UK tall tales. As my wife, you'll be treated with the same respect that was shown to econ/UK h it is promoting as a standard for treating workers decently. SA8000 is modelled on brbooks/UK anagement of the responsibility to treat workers with dignity and respect, to avoid brspok/UK you're a drug user means that they treat you slightly different or? <M02> Yeah. brbooks/UK hard-hearted or your partner has treated you cruelly, this can be hard to resist. guard/UK ciety that you know hates you, that treats you with loathing and contempt. You expect brmags/UK nger than 30. Older men know how to treat you properly, they'll open doors for you npr/US ore you live, the more you know how to treat your fellow man," she told the Dallas sunnow/UK News of the World reporter: 'If you treat youth responsibly, they respond

Subcategory 2.2: [[Legal Entity]] treat [[Toptype1]] as [[Toptype2]]

brbooks/UK bonus that wildlife on the whole treats a human on a horse as less of a menace than brmags/UK saved from the stale tendencies to treat anything as a parable of everything by some today/UK <p> And, most frightening of all, treated as a money-spinning attraction. <p> This times/UK ned in paragraph (b) above shall be treated as paid on its being debited to the times/UK pply of goods or services should be treated as a taxable transaction where, had the times/UK As we report on page 19, they are treated as non-persons by Mr Milosevic, mostly times/UK nullities. Such a failure could be treated as an irregularity. The tribunal did not times/UK er since then the ladybird has been treated as something precious. Even the nursery brephem/UK ur or departure date this will be treated as a cancellation of the original booking brephem/UK s a result of disposals or events treated as disposals for clawback purposes brephem/UK ractice are from time to time not treated as payment for purchases or qualifying for usnews/US ey was fired, for instance, he was treated as a pariah by former co-workers. It was econ/UK where companies argue that such rules treat as separate entities parts of the media

econ/UK he Arab world and who resented being treated as second-class citizens by the European
oznews/OZ for \$9 each -- with the remainder treated as a fully franked dividend.
usbooks/US guilt spills beyond the level most treat as expectable for our species, and the
usbooks/US y) his principal residence may be treated as paid in the taxable year of actual
usbooks/US ks in the armed forces. They were treated as a pariah caste, a status that was
usbooks/US ement of Africans by Europeans is treated as unique - and due to unique moral
usbooks/US beyond that, the witches were not treated as traditional scapegoats. Everyone did
bbc/UK t to be dead, the others Israel had to treat as alive until proved otherwise, said
bbc/UK ustice Minister said would have to be treated as criminal while basic goods remain in
bbc/UK athcer ignores - Europeans have to be treated as our friends. The announcement of her
news/UK the research scientists are being treated as an expendable commodity. The bizarre
sunnow/UK 'High risk patients are not being treated as they should be. There are some patients
sunnow/UK dt> I refused to snog cops and was treated as an outcast' A JAILED girl cop claims
npr/US ing to realize that they shouldn't be treated as a part of England. The people of
usacad/US contrast to physiology, which they treated as real and tangible, they regarded
brbooks/UK ither could nor <f> should <f> be treated as more than a sex symbol; having
brbooks/UK ng and setting, as it needs to be treated as your own hair. You must not get it
brbooks/UK sts that the story of his life be treated as hagiography: he imagines himself as
brbooks/UK no Suner had come expecting to be treated as a valued ally and instead he was being
guard/UK some viable organisms, his work was treated as erroneous. Within two months of his
guard/UK he blue bedspread he and his sister treated as a sanctuary, as they created an
indy/UK offers of discount tea bags. 'Tea is treated as a cheap product," argues Whittard's
indy/UK s untouchable castes and sub-castes, treated as non-humans by caste Hindus, to obey
indy/UK like Chico," he said. Though he was treated as a folk hero by the greying crowd of
indy/UK humiliated for an act that is still treated as a rare and shocking lapse from
usephem/US inging of hymns while jogging was treated as a sure sign of kookery. As the campaign
brmags/UK ent's star witness: Robert Darias. Treated as he was, will he testify again? </p> <p>
brmags/UK herefore from then on liable to be treated as an over-stayer and as an illegal
guard/UK ous," asked Mr Jones, that everyone treated BIM, MCC, RMG as part of one large group,
guard/UK ed to name and shame companies which treat British consumers as 'cash cows". In his
brbooks/UK extended. The play Spindrift was treated by the press as primarily the
guard/UK hat the Italians' results had to be treated carefully, as testosterone levels always
times/UK yet again. <p> With Humphries also treating Derek's past drinking as no more than a
econ/UK managers and investors alike tend to treat dividend policy as a clue to a firm's
brmags/UK struction books,' says Fiona, who treats each wall as a blank canvas, covering it in
brbooks/UK ble. Gentle, soft music will help. Treat every physical problem as a challenge and
guard/UK he people into its confidence, it's treated everything as a technical problem." The
brbooks/UK , and it is surely as invidious to treat female criminals as a special case because
today/UK Hunt opponents claim that far from treating foxes as a pest, the Thurlow Hunt has been
usbooks/US ence is fragmented or depleted may treat her body as particularly important, and the
usbooks/US h left-wing pasts, and generally treating heterodox expression as un-American. The
today/UK ricky for my son but we are going to treat him exactly the same as the girls. <p> The
usbooks/US king his character seriously and treating him as some kind of 'red-brick Prometheus,
brbooks/UK ormed out. I made the mistake of treating him as a rational being. 'Crevecoeur, I

bbc/UK office might provide. In a sense, he treats his campaign as something private, rather than public, and his employers repeatedly treated his subsequent complaints as examples of sunnow/UK ain's 9,000 betting shops agreed to treat IBAS rulings as binding -- including Lad-times/UK if the central provisions were to be treated, in a case such as the present, as having econ/UK puter company, in 1990 but has since treated it as an equal partner, not a subsidiary. sunnow/UK id. Norman has a few hints on fame. Treat it as a wonderful roller-coaster and don't guard/UK the company for five years, said: 'I treated it as a joke and threw it in the bin.' But indy/UK the powers that be on the high street treat it as such, which is probably why the UK indy/UK bited by some of the professionals; treating it as something which may only be wrapped guard/UK the lords of the land, its power to treat its property as it wishes is scarcely brspok/UK hat I mean. The older men seemed to treat me -- they looked on me <ZF1> as a <ZF0> as guard/UK nts has undoubtedly done her best to treat me as quickly as possible on the NHS. usbooks/US ld be grateful to you if you would treat our giving you these coupons as a today/UK like a walking timebomb. <p> I didn't treat people as human beings, I treated them as guard/UK siasm for knowledge. Moreover, they treated raw 18-year-olds as mature and responsible brmags/UK orm acts as a sign that we need not treat someone as a human being and that they need econ/UK arrogant Larry Summers did this, treating the Finance Committee as his intellectual usbooks/US entific context: Arrange evidence: Treat the data as evidence for a case. Arrange usbooks/US d focused on the ordeal of AIDS, treating the philosopher's final agony as a preview usbooks/US ially the same; in this section, I treat the two as equivalent. Sketches of a few of sunnow/UK housands of British servicemen and treated the prisoners as slaves. If the Japanese sunnow/UK appealed for witnesses. They are treating the attack as 'very serious' and racially-npr/US spital. Officials there say they are treating the crash as a level four alert, a brbooks/UK ar from enjoying herself, she had treated the event as a bribe she was reluctant to indy/UK ly succumbed. The Royal Academy was treating the matter as private, but Roger de Grey oznews/OZ us celebration. Most Australians do treat their holidays as holy days — even newsci/UK encrypted data offshore, BT has to treat them as a foreign power. <p> The anomaly brspok/UK they went for Russia didn't they. Treated them as the lowest of the low didn't they brbooks/UK and transmitting the Scriptures to treat them as a random gallery of texts that brbooks/UK eir behalf, sniggered at them and treated them as unwanted invaders. The soldiers brmags/UK bbean communities was to officially treat them as criminals, giving the green light brmags/UK preciated the fact that Englishmen treated them as equals # They're more in tune with today/UK ndent Royce Hipgrave said: 'We are treating this as serious. We are very concerned.' times/UK giving contractual notice and still treat this as a constructive dismissal. During sunnow/UK his players unprofessional if they treat this match as a rehearsal for the FA Cup usnews/US ngton as a slave master because he treated those who worked for him well and freed indy/UK o avenge our dead, because the Serbs treated us not as human beings, but as fodder.

Subcategory 2.2.1: [[Legal Entity]] treat [[Toptype1]] as if|though [S]

brbooks/UK international politics have been treated as if they were 'natural' and thus not usbooks/US ot producing any and consequently treated her as if she were depriving him of an Times/UK others. But the Government wishes to treat it as if it was a bypass, therefore the npr/US e. <p> Liasson: Not long ago, Clinton treated members of Congress as if they were

usacad/US jargon used by cold war liberals to treat the inquisition as if it were a mental guard/UK . Fathers in families like these may treat their daughters or refer to them as if they times/UK a win after 14 months and Italians treated them as if they had won the World Cup," usspok/US d of the two passages, isn't that treating them almost as if they were one? They are oznews/OZ ople what he had done. At first he treated them as though they were part of McNab's oznews/OZ congratulations, will find herself treated as though she has done something very times/UK ationship with until then started to treat me as though I was a criminal. Some people

Subcategory 2.3: [[Legal Entity]] treat [[Toptype1]] like [[Toptype2]]

times/UK the account. "You should treat filling in the return like an exam paper," usbooks/US rtle turned to him. <p> Why do you treat her like that?" she demanded. The doctor usbooks/US t now that he's been in my bed you treat him - both of us - like we're some sort of brmags/UK his boa and she put it on and she treated him like the god he was. I've always loved today/UK the Scottish star feels the network treats his sport like 'second-class citizens." <h> times/UK holiday or other benefits, they are treated just like any other creditor and have to times/UK Brussels, claiming that he had been treated like a suspected criminal. Bernard times/UK nne together. And I'd like to to be treated like a proper family and not be let down, oznews/OZ creatively in any way and you were treated like a piece of meat." An animal lover, usbooks/US amaraderie; he doesn't want to be treated like a star, he wants to be treated like sunnow/UK between two Premier sides has been treated like a game between local pub teams. Welsh brmags/UK spanics cheering on Chavez, who is treated like a folk hero in his native Mexico. sunnow/UK am married with two kids, yet she treats me like I was ten. All my life she's put me brbooks/UK m to the end. But instead he just treated me like I didn't exist, let alone matter times/UK lined and passed from hand to hand, treated like an amulet rather than as a book. It indy/UK etly and tastefully dressed, she was treated like visiting royalty. As she came through brmags/UK t comes to immigration, Asians are treated like nothing, told you don't exist. Well, today/UK £ 10 at Asprey and they still treat you like royalty; </h> <sh> Instincts </sh> brbooks/UK vitality and enthusiasm. We were treated rather like visiting RC bishops, and no times/UK . <p> But politicians are adept at treating their wives like manicured lawns, to be today/UK We taught them to be human - then treated them like animals." <p> There have been sunnow/UK an-management skills are great. He treats us like adults and nobody takes any sunnow/UK stop acting like a victim, he might treat you with more respect. But you would be brspok/UK t treat you like a human being they treat you like you're on a conveyor belt. <M01> brmags/UK ters think they can get away with treating you like dirt just because you are from

Norm 3: [[Legal Entity1]] treat [[Legal Entity2]] (to [[Experience]]) (often ironic)

sunnow/UK b's chief executive Martin Edwards treated them and their wives and girlfriends to a indy/UK an audience of a thousand million and treat them to truths they do not wish to hear. econ/UK of selling the policy they can often treat themselves to comforts that would otherwise brbooks/UK s to the showers, where they were treated to a cold wash-down fully clothed! Party oznews/OZ ike a birthday party, and never be treated to a new experience such as travel to a

times/UK d; 280 a head. Guests are typically treated to Pol Roger champagne, a seven-course
oznews/OZ k you. On the screen, we were then treated to the enthralling spectacle of production
sunnov/UK this kind of thing. We will now be treated to the spectacle of Irish TV showbiz
guard/UK 4 </date> The World Cup was finally treated to the supreme batting feat that it craved
brmags/UK ters and confrontations we've been treated to over the years: the terrific power
brmags/UK .' </p> <p> When Mute were finally treated to the finished musical product, Jason
today/UK miles. And astronomers were finally treated to the awesome display they had been
indy/UK lack of them in its encounters. Ali treats us to lectures about love, but we
sunnov/UK erapy pool to soothe tired muscles. Treat yourself to therapeutic treatments
brmags/UK hree-man team stripped the car and treated it to a cost-no-object restoration. Aubrey
brbooks/UK p; <p> Well, I won the race! I'm treating myself. This is the problem with having

[[Tootype]] treat [[PhysObj | Stuff]] ([with [Stuff]])

econ/UK ing flouted. Europe's ban on hormone-treated beef from America is an early, worrying,
news/UK <p> The experiments also show that treated mice have an increased metabolic rate,
news/UK ale Bay, for instance, to remove or treat oil, 'it could do far more harm to the
oznews/OZ pool. The deck has been lined with treated pine decking. About a year ago I built a
brspok/UK lter system and they're using it to treat tap water which is then bottled and sold to
brmags/UK <LTH> Hair that's been chemically treated, then exposed to blow-drying, sun or
news/UK sing DNA is very laborious. DNA is treated with enzymes that cut it at specific
usacad/US l cells, but is magnified in cells treated with brefelden A because disruption of the
brbooks/UK ion of epithelial cells. Has been treated with oral and topical applied to skin)
usbooks/US times or that were not originally treated with chemicals. <p> Patients are allowed
brmags/UK look, which is a rather drab grey, treat it with teak oil. Cane and other woven

BAD FITS AND UNCERTAINTIES

brspok/UK and say if he felt he was getting treated And then we'd deal After <F01> Mhm. <F02>
usbooks/US n identical fashion to the way he treats any other patient is only a small part of
brspok/UK ognized the need recognized. Is it treated at that first level whatever that first
brbooks/UK lies. Earlier the expulsions were treated at Yalta in conjunction with the new
usbooks/US percent male. Full range of drugs treated. Eight acres. Separate inpatient
today/UK to the doctors and nurses who have treated me so well." <p> James, a would-be
usbooks/US nd to work in groups, each group treating one main point. Then the topic sentences
brbooks/UK ng, perhaps, that this method of treating problems became so popular. How much
times/UK ers have a massage," he says, 'but I treat the ones who want it and those who get
oznews/OZ onal problems who is chosen to help treat the Mafia man. The union makes for lots of
oznews/OZ intimately, the spectacular island treats the incautious, the inexperienced or the
usbooks/US urnal of Southern History, which treats the southeastern United States, the region
sunnov/UK , let the people's money be used to treat the people. Tackling cancer with lottery
sunnov/UK in danger." Coastguards said they treated the rescue operation -- in the early hours

brbooks/UK ons. Depending on the areas to be treated, the procedure takes approximately one-and-
brmags/UK ve in a house or a flat, failure to treat these problems, particularly dry rot, could
bbc/UK etainees and their families are being treated with far fewer cases of harassment
bbc/UK stem, because these are the easiest to treat and because as scientists we know most
indy/UK grossly psychotic and ill man to be treated in a condition of maximum security for as
brspok/UK en you would if you're just er er treating them as well <M01> So you're setting an

Total: 494 lines (6 lines of junk discarded)

[[Doctor | Medicament]] treat [[Patient | Condition]]: 147 lines (30%)
(semantic roles assigned)

[[Legal Entity]] treat [[Toptype]] [adv[Manner]]: 300 lines (60%)

[[Legal Entity1]] treat [[Legal Entity2]] (to [[Experience]]) (often ironic): 16 lines (3.2%)

[[TopType]] treat [[Stuff | PhysObj]] with [[Stuff]]: 11 lines (2.2%)

Bad fits and uncertainties: 20 lines (4%)

CORPUS ANALYTICS CASE STUDY:
FILE

[[**Person**]] **FILE** [[**Document**]]

Basic pattern:

1. Basic meaning: “place [[Document]] officially on record”.
2. Depending on the semantic subcategorization of [[Document]], more delicate implications can be deduced.
3. In many cases, “file [[Document]]” does not merely place the document on record, but activates some sort of procedure.
4. The following 12 examples of highly probable (but not certain) implicatures account for over 93% of uses of this verb in the Birmingham Bank of English.
5. Other verbal uses, e.g. *people filing into a room*, *people filing notches in bits of wood*, and *people filing their nails* account for less than 10% of all uses of this verb.

If verb is "file" and [[Document]] is [[Lawsuit]], then:

1. the role [[Plaintiff]] is assigned to [[Person]] (by triangulation)
2. *file* implies activating a court procedure in which [[Plaintiff]] hopes that the court will order compensation to be paid to [[Plaintiff]].
3. then [[Lawsuit]] == {lawsuit, suit, countersuit, writ, claim, counterclaim, action, case, appeal, dispute rectification notice, petition, cross-petition} ([against [Legal Entity]]) ([for [Compensation]])

If verb is "file" and [[Document]] is [[Complaint]], then:

1. the role [[Complainant]] is assigned to [[Person]] (by triangulation)
2. "file" implies activating a procedure through which [[Complainant]] hopes that redress or remedial action will be ordered (typically, punishment of the person complained against).
3. then [[Complaint]] == {complaint, charge, proceedings, lien} [against [Legal Entity]]

**If verb is "file" and [[Document]] is [[Evidence]],
then:**

1. "file" implies making [[Evidence]] available for official use by the court or other authority.
2. then [[Evidence]] == {evidence, information, proof of loss, letter of dissociation, request, patent, brief, affidavit, motion, piece of paper, reply, court papers}

If verb is "file" and [[Document]] is [[Decision]], then:

1. the role [[Judge]] is assigned to [[Person]] (by triangulation)
2. "file" implies that [[Judge]] places his or her [[Decision]] officially on record
3. then [[Decision]] == {decision, opinion, dissenting opinion, court order, order, recommendation}

If verb is "file" and [[Document]] is [[Tax Return]], then:

1. the role [[Taxpayer]] (or [[Accountant]] employed by [[Taxpayer]]) is assigned to [[Person]] (by triangulation)
2. and [[Document]] is a calculation of taxes to be paid by [[Taxpayer]]
3. "file" implies that [[Taxpayer]] acknowledges his or her obligation to pay taxes as calculated in [[Document]]
4. then [[Tax Return]] == {return, taxes}

**If verb is "file" and [[Document]] is [[Patent]],
then:**

1. the role [[Inventor]] is assigned to [[Person]] (by triangulation)
2. "file" implies that [[Inventor]] seeks legal protection of the profits from [[Invention]]
3. then [[Patent]] == {patent, patent application}

If verb is "file" and [[Document]] is [[Application Form]], then:

1. the role [[Candidate]] is assigned to [[Person]] (by triangulation)
2. "file" implies that [[Candidate]] seeks admission to a [[Human Association]]
3. then [[Application Form]] == {form, entry, application}

If verb is "file" and [[Document]] is [[Nomination]], then:

1. the role [[Candidate for Political Office]] is assigned to [[Person]] (by triangulation)
2. "file" implies that [[Candidate for Political Office]] places on record his or her intention to run for office
3. then [[Nomination]] == {nomination, nomination paper}

If [[Document]] is [[Flight Plan]], then:

1. the role [[Pilot]] or [[Flight]] is assigned to [[Person]]
2. "file" implies activating a procedure by which official permission to fly the course planned is sought
3. then [[Flight Plan]] == {flight plan, plan (?) }

If [[Document]] is [[Story]], then:

1. argument [[Person]] is newspaper reporter
2. argument [[Story]] is a report of recent events
3. "file" implies sending the text of [[Story]] to the editorial offices of a newspaper for possible publication
4. then [[Story]] == {story, portrait*, dispatch, column inches, copy}

If [[Document]] is [[Paper]], then:

1. argument [[Person]] may be assigned the role [[Office Worker]]
2. "file" may imply putting [[Paper]]s into a filing cabinet in alphabetical or other order, for storage and possible future retrieval.
3. NOTE: "[[Person]] file [[Paper]]s" is highly ambiguous. The comparatively low probability of the literal sense is raised dramatically by collocation with "filing cabinet"
4. then [[Paper]] == ???
(This is a tricky one.)

If [[Document]] is "report", then:

1. "file report" implies no more than that [[Person]] places information on record (with a weak and ambiguous implicature that this may be either in the "World of Officialdom" frame or the "Newspaper" frame).
2. then [[Report]] == {report}

DEFAULT IMPLICATURE:

(For every set of verb patterns, there must always be a default implicature!)

If [[Document]] is [[Unknown]]

1. assume that it is [[Report]] or [[Evidence]], and that "file" implies putting it officially on record.

THINGS CAN BE HUNG ON WORDS ...
SO LET'S HANG THEM THERE:

Part 2:

- a. The inflectional forms of the lemma
- b. Phonetics of the lemma forms
- c. Syntactic categorization and subcategorization
- d. Semantic type
- e. Typical contexts (phraseology)
- f. Co-specifications
- g. Implicatures (contextually determined)
- h. Presuppositions
- i. Foreign-language translations
- j. Examples of usage; pointers to corpora
- k. Probabilities
- l. Etc.

ARCHITECTURE

Constraining the Ontology...

1. What makes one type more appropriate than another?
2. What justifies the admission of a type into the ontology?
3. How are these types put together to make larger ones (i.e., the principle of compositionality)?
4. Can we quantify the size or complexity of our types?
5. What is the granularity of the conceptual landscape?

Approaches to Concept Ontologies

WORDNET: Miller, Fellbaum

{act, activity}	{natural object}
{animal, fauna}	{natural phenomenon}
{artifact}	{person, human being}
{attribute}	{plant, flora}
{body}	{possession}
{cognition, knowledge}	{process}
{communication}	{quantity, amount}
{event, happening}	{relation}
{feeling, emotion}	{shape}
{food}	{state}
{group, grouping}	{substance}
{location}	{time}
{motivation, motive}	{food}

-
- THE SIMPLE PROJECT: Busa, Calzolari, Lenci
 - FRAMENET: Fillmore, Atkins
 - EUROWORDNET: Vossen, others

Lexicon Design should:...

1. Enable the **Possible**;
2. Be Tempered with the **Probable**;
3. Be Embedded within a **Specific Application**.

ENABLING THE POSSIBLE:
GENERATIVE LEXICON

Parameters of Lexical Design:

1. *Argument Structure*
2. *Event Structure*
3. *Qualia Structure*
4. *Lexical Inheritance Structure*

Relations between Types:

- (a) The qualia structure creates coherence relations between types;
- (b) There is a formal *ranking* in the complexity of types;
- (c) Compositional rules of coercion and selection exploit structure of these types.

Discovering Semantic Selection

- (1) a. Jane enjoyed the movie / novel.
b. Sophie enjoys her bike / toothbrush.
c. The goat enjoyed the book.
- (2) a. John enjoyed the door / doorknob.
b. John enjoyed the garden / the bathroom.
- (3) a. John began the painting.
b. John began the film.
c. John began the sonata / the novel.
- (4) a. The news frightened Mary.
b. The election angered the American people.
c. The sign confused the bus driver.
- (5) a. Mary read the book.
b. Mary read the subway wall.
- (6) a. Water leaked into the house from the roof.
b. Mary drank the water in the cup.
c. The boat crossed the water.

- (7) a. The student read every book in the library.
b. The student stole every book in the library.
- (8) a. The teacher answered every student's question.
b. The teacher repeated every student's question.

SELECTION OPERATES ON TYPES: I

- (9) a. The man / the rock fell.
b. The man / *the rock died.
- (10) a. John forced / *convinced the door to open.
b. John forced / convinced his guests to leave.
- (11) a. Mary behaved *(well).
b. John performed *(admirably).
- (12) a. John poured milk into / in / *onto / *on his coffee.
b. John poured milk into / in / !onto / !on the bowl.
c. John poured milk *into / *in / onto / on the cereal.

SELECTION OPERATES ON TYPES: II

- (13) a. $\left[\begin{array}{l} \mathbf{fall} \\ \text{ARGSTR} = [\text{ARG}_1 = \mathbf{x:phys_obj}] \end{array} \right]$
- b. $\left[\begin{array}{l} \mathbf{die} \\ \text{ARGSTR} = [\text{ARG}_1 = \mathbf{x:animate}] \end{array} \right]$

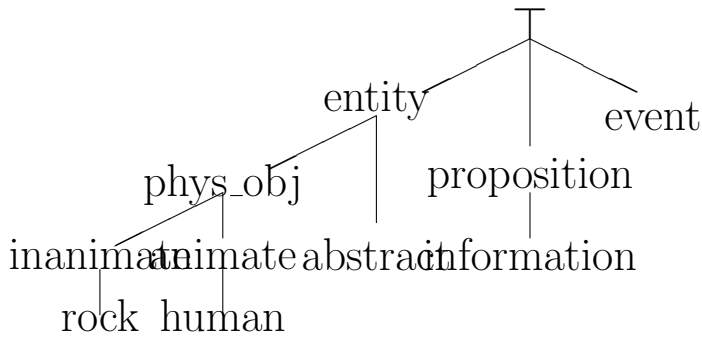


Figure 1: Fragment of a Type Hierarchy.

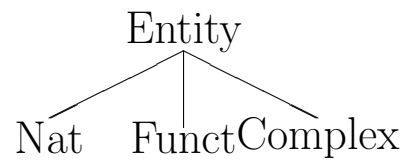
$$(14) \Theta[human \sqsubseteq animate] : human \rightarrow animate$$

Constraining the Relation between Types

The Entity Ontology

- (a) **NATURAL TYPES:** Predication from the domain of substance, e.g., the qualia **FORMAL** or **CONST**.
- (b) **FUNCTIONAL TYPES:** Predication includes reference to either **AGENTIVE** or **TELIC** qualia.
- (c) **COMPLEX TYPES:** Cartesian type formed by Dot Object Construction.

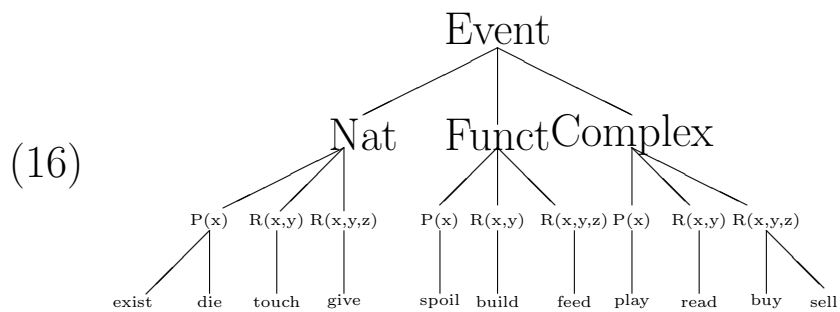
(15)



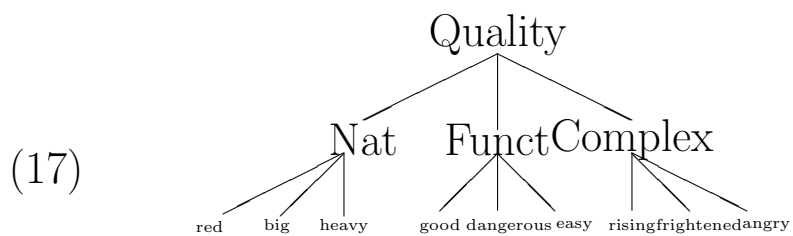
ENTITY DOMAINS

The Event Ontology

- (a) **NATURAL EVENTS:** Arguments in the predicate or relation are only from the domain of substance, e.g., the qualia **FORMAL** or **CONST**.
- (b) **FUNCTIONAL EVENTS:** At least one argument in the predicate or relation is a functional type, *f*, e.g., makes reference to either **AGENTIVE** or **TELIC** qualia.
- (c) **COMPLEX EVENTS:** At least one argument in the predicate or relation is a complex type, e.g., a type formed by Dot Object Construction.



EVENT LATTICE



QUALITY LATTICE

TEMPERING THE POSSIBLE WITH THE PROBABLE:

Selection doesn't specify exactly how a word is going to behave on all occasions.

Rather ...

- Selection specifies how a word *typically* behaves;
- The typical is the foundation for forecasting the *probable*.
- And the probable comes from corpus and the *cospecifications* associated with words.

THE GRANULARITY OF CONCEPTS

1. *stick*: individual physical entity;
2. *rock*: individual or mass physical entity;
3. *apple*: individual, possibly given purpose;
4. *sandwich*: individual, with purpose, prepared artificial;
5. *cookie*: individual, with purpose, baked artificial;
6. *father*: relational concept between individuals;
7. *boss*: relational concept between individuals;
8. *friend*: long-term stage-level relational concept;
9. *student*: short-term stage-level relational concept;
10. *audience*: short-term stage-level concept;
11. *laundry*: mass noun bipolar stage-level.
12. *groceries*: mass noun monopolar stage-level.
13. *human*: agentive intentional individual;

GENERATE VS. PRECOMPILE

Considerations ...

1. Store as little as possible.
2. Generate as much as possible.
3. The more sophisticated your generative procedures, the less you need to store.
4. But you still need to store something!

Conclusion ...

1. What you store depends on the application.
2. Systematic forms should be precompiled;
3. Generative operations still apply and must be available.

A NOTE ON LEXICAL ACQUISITION

1. Acquisition of subcategorization using corpus analytics;
2. Learning selectional associations;
3. Clustering of complementation patterns

All are necessary techniques, but ...

1. There must be an initial lexical architecture;
2. Efficacy of the results depends highly on the application model and the corpus available.

SESSION 3:
BRILLIANT LEXICON AND PARSER MEETS DULL REALITY:
REALITY BITES BACK

1. How real is the reusability of lexical information?
2. What changes from domain to domain?
3. How does the application dictate lexicon design?

A case in point: A query-answering system...

1. Full sentential parser;
2. Fine-grained distinctions in semantic typing;
3. Logical Form generated is an unambiguous representation of the query.

Query to an Information Retrieval System:

“reviews of recent British bond performance”

SEARCH RESULTS

film reviews

... you will see bond flying, skiing, swimming and ... gpa's in my recent film reviews. i believe ... all the british imports that ... a impressive performance, though he ... Description: Personal critique of recent movie releases since 1997. Category:

Arts>Movies>PersonalPages www.jaycine.com/filmrev.html - 47k -

Cached - Similar pages

Sound Bytes Music Reviews: Bob MacKenzie reports on recent ...

... have read these reviews. ... feel of Seventies British folk, the rocking ... Bonneville's and the bond between Bonneville and ... music or the performance, but the ...

www.communication.ca/soundbytes/shortcuts/shortcut5.html - 38k -

Cached - Similar pages

ShowBiz Ireland - Pierce Brosnan denies Bond rumour

... Brosnan, who is getting rave reviews for his performance in the Tailor of ... Recent News. ... to Strike 30-05-01 Bond to lose his British passport? 30-05-01 ...

www.showbizireland.com/news/april01/17-brosnan20.shtml - 64k - Cached

- Similar pages

DVD Reviewer - Visitors Reviews of World Is Not Enough, The ...

... Visitor's reviews for World Is ... King, a rich British oil tycoon, Elektra ... a few more recent discs (ex. MI:2 ... is the bond film i ... guessing.great performance a witty ...

www.dvd.reviewer.co.uk/reviews/comments.asp?DiscIndex=285 - 44k -

Cached - Similar pages

Other Change of Hobbit: recent books

... Unabridged full-cast performance, including the author ... and others. Reviews by Kelly ... paperback reprint British trade paperback ... reprint by Bond, Brown, Cleese & ...

www.dnai.com/~ochobbit/recent.html - 101k - Cached - Similar pages

Amazon.co.uk: Customer Reviews: Tomorrow Never Dies [1997]
... Rating: ; Number of Reviews: 8. Montiez1234@btinternet.com ...
give a splendid performance. Bond is sent ... sinking of a British ship
in ... are many as bond moves from one ...
[www.amazon.co.uk/exec/obidos/ts/video-customer-reviews/B00004CZIE/
ref=pm_dp_ln_v_1/](http://www.amazon.co.uk/exec/obidos/ts/video-customer-reviews/B00004CZIE/ref=pm_dp_ln_v_1/) - 28k - Cached - Similar pages

THE LOSSY API

The consuming application can't use the output as such.

1. Lexical forms are associated with semantic types;
 <Lex-form,type-i>, <bond,financial-instrument>
2. Application is not sensitive to the representation generated.
3. Retrieval is on the **word form**, not the word-type pair; <bond,<doc_i,...>>

Lessons learned:

1. Semantic selection and type granularity are wasted on the application;
2. IR system performs only marginally better with robust language processing using a rich lexicon.

VLLDBS MUST MODEL COSPECIFICATION

Cospecs *specifies lexical forms associated with the word, not the type.*

1. These lexical forms can be submitted to the IR system as type distinguishers;
2. The cospec for a lexical item is generated by statistical techniques operating over the specific application corpus;
3. Cospec for “bond” will be something like:
 $\{ \textit{“financial securities”, stocks, rate, rating} \}$
4. The Cospec is not a SYNSET expansion of a word.

-
1. The Parser and Type System interpret and disambiguate by “subtraction” of interpretations;
 2. Cospecification disambiguates by “addition” of contexts for an interpretation.

TYPES AND WORDS SELECT DIFFERENT THINGS

POSSIBLE	Selection Restrictions <i>(Semantic Typing)</i>	Types
PROBABLE	Corpus Selection <i>(Cospecification)</i>	Words

RELATION BETWEEN TYPES AND WORDS

ROUND-UP

1. Lexicons are not stand alone databases; they are **for** something.
2. Word senses do not exist; Words **have** senses as meaning potentials.
3. **Selection** is a property of semantic types;
4. **Cospecification** is a property of words.

Lexicon Design should:...

1. Enable the **Possible**;
2. Be Tempered with the **Probable**;
3. Be Embedded within a **Specific Application**.