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Dictionaries and Grammar Rules for a

Computational Grammar Coder

Sheldon Klein

8 February 1965



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SP *a professional paper*

Dictionaries and Grammar Rules for a

SYSTEM

Computational Grammar Coder

DEVELOPMENT

by

CORPORATION

Sheldon Klein

2500 COLORADO AVE.

Carnegie Institute of Technology

SANTA MONICA

and

System Development Corporation

CALIFORNIA

8 February 1965



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DICTIONARIES AND GRAMMAR RULES FOR A COMPUTATIONAL
GRAMMAR CODER

by

Sheldon Klein
Carnegie Institute of Technology
and
System Development Corporation

Introduction

The material contained in this paper constitutes a portion of the appendices of the author's Ph.D. dissertation in linguistics:

Klein, S. Automatic Decoding of Written English.
University of California, Berkeley, June 1963.

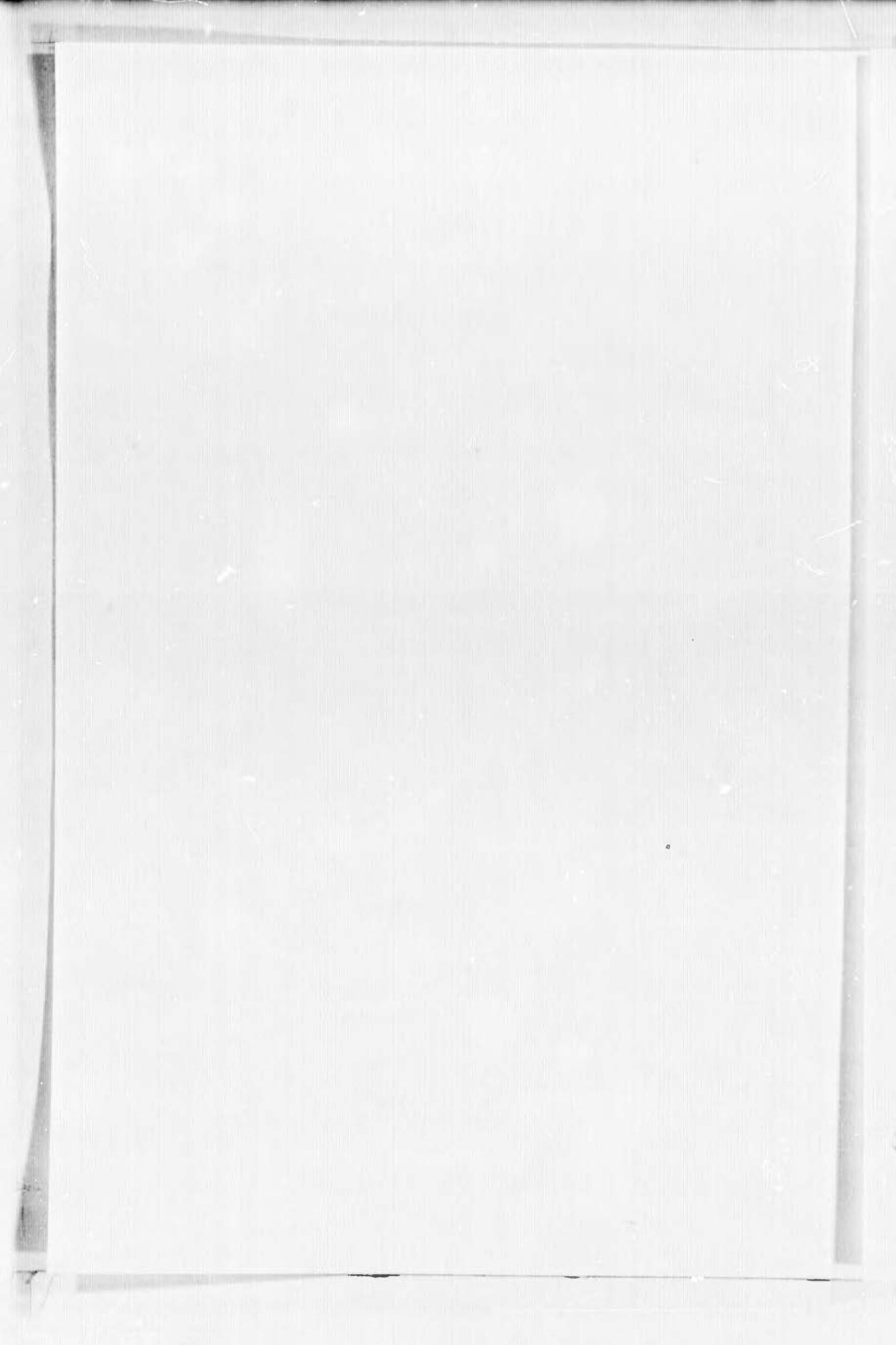
These appendices present the dictionaries and grammar rules pertinent to an operational computer system described both in the dissertation and in:

Klein, S. and Simmons, R. F. "A Computational Approach to Grammatical Coding of English Words." Journal of the Association for Computing Machinery, 1963, 10(3), 334-347.

The program assigns grammar codes to words in written English text relying on very small dictionaries (whose combined entries total less than 1500 words) and on a battery of weak but independent syntactic tests.

This document has been prepared as a way of responding to a large number of requests the author has received from other researchers. These requests come primarily from researchers interested in an automated system for assigning rough parts of speech to words in English text, but uninterested in coping with the difficulties posed by the large dictionaries (upwards of 20,000 entries) usually associated with such systems.

This document, plus information contained in either of the cited references, should enable a reasonably sophisticated programmer to produce a computational grammar coder program in a programming language of his choice. (Users should note that the order of the entries in the various appendices treats a blank space as a letter somewhere between R and S, according to the Hollerith Code scheme.)



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Dictionary of Function Words

ABACK	ADV
ABEAM	ADV
ABLAZE	ADV
ABLOOM	ADV
ABOIL	ADV
ABREAST	ADV
ABCARD	PREP O
ABOUT	PREP O
ABOVE	PREP O
ACCORDING	PREP O
ACROSS	PREP O
ADRIFT	ADV
AFAR	ADV
AFIRE	ADV
AFLAME	ADV
AFLOAT	ADV
AFCOT	ADV
AFRESH	ADV
AFTER	PREP O
AGAIN	ADV
AGAINST	PREP O
AGAPE	ADV
AGHAST	ADV
AGLOW	ADV
AGO	ADV

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AGCG	ADV
AGROUND	ADV
AJAR	ADV
ALEE	ADV
ALL	ADJ
ALMOST	ADV
ALCFT	ADV
ALCNE	ADJ
ALONG	PREP O
ALREADY	ADV
ALSO	ADV
ALTHOUGH	CONJR2
ALWAYS	ADV
AMID	PREP O
AMIDST	PREP O
AMCK	ADV
AMCNG	PREP O
AMUCK	ADV
AM	VERBIS SING
ANC	CONJC
ANENT	PREP O
ANEW	ADV
ANOTHER	PN IND SING
AN	ART
ANYBCDY	PN IND SING

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ANYHOW	ADV
ANYONE	PN IND SING
ANYPLACE	PN IND SING
ANY	ADJ
ANYTHING	PN IND SING
ANYWAY	ADV
ANYWHERE	PN IND SING
APART	ADV
ARE	VERBIS PL
RIGHT	ADV
AROUND	PREP O
A	ART
ASHORE	ADV
ASIDE	ADV
ASKEW	ADV
ASLANT	PREP O
ASLEEP	ADV
ASTERN	ADV
ASTIR	ADV
ASTRAY	ADV
AS	CONJR2
ATHWART	PREP O
AT	PREP O
AUGHT	ADV

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AWAKE	ADV
AWASH	ADV
AWAY	PREP O
AWHILE	ADV
AWRY	ADV
BACKWARD	ADJ
BACKWARDS	ADV
BECAME	VERB
BECAME	VERB
BECAUSE	CONJR2
BECOME	VERB PL
BECOMES	VERB SING
BEEN	VERBIS
BEFORE	PREP O
BEGAN	VERB
BEGIN	VERB PL
BEGINS	VERB SING
BEHIND	PREP O
BELOW	PREP O
BENEATH	PREP O
BE	VERBIS
BESIDE	PREP O
BESIDES	ADV
BEST	ADJ
BETTER	ADJ
BETWEEN	PREP O

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BETWIXT	PREP O
BEYOND	PREP O
BOTH	PN REL PL
BUT	CONJR
BY	PREP O
CAN'T	AXV
CANNOT	AXV
CAN	AXV
COULDN'T	AXV
COULD	AXV
DESPITE	PREP O
DIDN'T	AXV
DID	V/AXV
DIFFERENCE	NOUN
DOESN'T	AXV SING
DOES	V/AXV SING
DON'T	AXV PL
DONE	V/AXV
DO	V/AXV PL
DOWN	PREP O
DOWNWARD	ADJ
DOWNWARDS	ADV
DURING	PREP O
EACH	ADJ SING
EARLY	ADV
EASY	ADJ
EITHER	PN REL SING

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ELSE	ADV
ENCUGH	ADJ
ERE	PREP O
ESPECIALLY	ADV
EVEN	ADV
EVER	ADV
EVERBODY	PN IND SING
EVERYONE	PN IND SING
EVERYPLACE	PN IND SING
EVERY	ADJ SING
EVERYTHING	PN IND SING
EVERWHERE	PN IND SING
EXCEPT	CONJRO
FAR	ADJ
FAST	ADJ
FEW	ADJ PL
FIRST	ADJ
FORASMUCH	CONJR2
FOR	PREP O
FORTH	ADV
FORWARD	ADJ
FRGM	PREP O
FRONT	ADJ
FRONTWARD	ADJ
FRONTWARDS	ADV
FURTHERMORE	ADV
FURTHER	ADJ
GET	VERB PL

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GOOD	ADJ
GOT	VERB
GREAT	ADJ
HADN'T	AXV
HAD	V/AXV
HASN'T	AXV SING
HAS	V/AXV SING
HAVEN'T	AXV PL
HAVE	V/AXV PL
HE'S	PN S SING
HENCEFORTH	ADV
HENCE	ADV
HERE	PN DEM
HER	PN O
HERSELF	PN O SING
HERS	ADJ
HE	PN S SING
HIGH	ADJ
HIM	PN O SING
HIMSELF	PN O SING
HIS	PN POS SING
HOUR	NOUN
HOWEVER	ADV
HOW	PN RCN
I'D	PN S SING

I'LL	PN S SING
I'M	PN S SING
I'VE	PN S SING
IF	CONJR2
INDEED.	ADV
IN	PREP O
INSICE	PREP O
INSTEAD	PREP O
INTO	PREP O
I	PN S SING
IS	VERBIS SING
IT'S	PN-S/O SING
IT	PN-S/O SING
ITSELF	PN O SING
ITS	PN POS SING
JUST	ADV
LARGE	ADJ
LAST	ADJ
LATE	ADJ
LEAST	ADJ
LESS	ADJ
LEST	CONJR2
LET	VERB PL
LIKewise	ADV
LITTLE	ADJ
LONG	ADJ

LOW	ADJ
MADE	VERB
MANY	ADJ
MAY	AXV
ME	PN O SING
MIGHT	AXV
MOREOVER	ADV
MORE	ADJ
MOST	ADJ
MR.	ADJ SING
MRS.	ADJ SING
MUCH	ADJ
MUST1	
MUSTN'T	AXV
MY	PN POS SING
MYSELF	PN O SING
NEARLY	ADV
NEAR	PREP O
NEITHER	PN REL
NEVER	ADV
NEVERTHELESS	ADV
NEXT	ADJ
NOBODY	PN IND SING
NONE	PN IND
NOR	CONJC
NO	ADJ

NOTHING	PN IND SING
NOT	ADV
NOTWITHSTANDING	PN S
NOUGHT	PN IND
NOWHERE	PN IND
NOW	ADV
OFF	PREP O
OF	PREPOF
OFTEN	ADV
OH	ADV
OLD	ADJ
ONCE	ADV
ONE	ADJ
ONESELF	PN O SING
ONLY	ADV
ON	PREP O
ONTO	PREP O
ONWARD	ADV
ONWARDS	ADV
OR	CONJC
O	ADV
OTHER	PN DEM
OTHERWISE	ADV
OUGHTN'T	AXV
OUGHT	AXV
OUR	PN POS PL

OURSELF	PN O	SING
CURSELVES	PN O	PL
OUT	PREP O	
OUTSIDE	PREP O	
OVER	PREP O	
OWNSELF	PN O	SING
PERHAPS	ADV	
PER	PREP O	
PRETTY	ADJ	
PROBABLY	ADV	
QUITE	ADV	
RATHER	ADV	
SAME	ADJ	
SEEM	VERB	PL
SHALL	AXV	
SHE'S	PN S	SING
SHE	PN S	SING
SHCULDN'T	AXV	
SHOULD	AXV	
SIDEWAYS	ADV	
SINCE	CONJR2	
SIR	ADJ	
SMALL	ADJ	
SOMEBODY	PN IND	SING
SOMEHOW	ADV	
SOMEONE	PN IND	SING
SOMEPLACE	PN IND	SING

SOME	ADJ
SOMETHING	PN IND SING
SOMETIMES	PN IND SING
SOMETIMES	ADV
SOMEWHAT	ADJ
SOMEWHERE	PN IND
SOON	ADV
SO	ADV
STILL	ADV
ST.	NOUN SING
SUCH	PN DEM
SURE	ADJ
THAN	CONJR2
THAT	PN REL
THEE	PN O
THEIR	PN POS PL
THEIRS	ADJ
THEM	PN O PL
THEMSELVES	PN O PL
THENCEFORTH	ADV
THENCE	PN DEM
THEN	ADV
THERE'S	PN DEM SING
THEREFORE	ADV
THERE	PN DEM
THE	ART

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THESE	PN DEM PL
THEY'RE	PN S PL
THEY'VE	PN S PL
THEY	PN S PL
THINE	PN POS SING
THING	PN IND SING
THIS	PN DEM SING
THCSE	PN DEM PL
THCUGH	CONJR2
THCU	PN S SING
THREE	ADJ
THROUGHOUT	PREP O
THROUGH	PREP O
THUS	ADV
THY	PN POS SING
TILL	PREP O
TODAY	ADV
TOGETHER	ADV
TOMORROW	ADV
TOC	ADV
TO	PREP 1
TOWARD	PREP O
TOWARDS	PREP O
UNDERNEATH	PREP O
UNDER	PREP O
UNLESS	CONJR2

UNTIL	PREP O
UNTO	PREP O
UPON	PREP O
UP	PREP O
UPWARD	ADV
UPWARDS	ADV
US	PN O PL
USUALLY	ADV
VERY	ADV
VIA	PREP O
WAS	VERBIS SING
WAY	NOUN
WE'RE	PN S PL
WE'VE	PN S PL
WEREN'T	VERBIS PL
WERE	VERBIS PL
WE	PN S PL
WHAT'S	PN RCN SING
WHATEVER	PN REL
WHAT	PN RCN
WHATSOEVER	PN REL
WHENCE	PN RCN
WHENEVER	PN RCN
WHEN	PN RCN
WHERE'S	PN RCN SING
WHEREAS	CONJR2
WHEREBY	PN RCN

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WHEREFORE	PN RCN
WHEREIN	PN RCN
WHEREOF	PN RCN
WHERE	PN RCN
WHEREUPON	PN RCN
WHEREVER	PN RCN
WHEREWITH	PN RCN
WHETHER	CONJR2
WHICH	PN RCN
WHILE	CONJR2
WHITHER	PN RCN
WHOEVER	PN RCN
WHOLE	ADJ
WHOMEVER	PN O SING
WHOM	PN O SING
WHO	PN RCN
WHOSE	PN RCN
WHOSOEVER	PN RCN
WHY	PN RCN
WILL	AXV
WITHAL	ADV
WITHIN	PREP O
WITHOUT	ADV
WITH	PREP O
WON'T	AXV
WOULDN'T	AXV

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WOULD	AXV
YES	ADV
YESTERDAY	ADV
YET	ADV
YOU'RE	PN S PL
YOUR	PN POS
YOURSELF	PN O SING
YOURSSELVES	PN O PL
YOURS	PN DEM
YOU	PN-S/O

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Dictionary of Suffix Test 1 Exceptions

ABACI	NOUN PL
ABCCOMEN	NOUN SING
ACHES	NOUN PL VERB SING
ACHES	NOUN PL VERB SING
ACUMEN	NOUN SING
ADDRESS	NOUN SING VERB PL
ALBUMEN	NOUN SING
ALCES	NOUN PL
ALUMNI	NOUN PL
AMASS	NOUN SING VERB PL
ANALYSES	NOUN PL
ANISEED	NOUN SING
ANUSES	NOUN PL
APACHES	NOUN PL
APICES	NOUN PL
APOSTROPHES	NOUN PL
APPARATUSES	NOUN PL
APPENDICES	NOUN PL
ASSESS	VERB PL
ATTACHES	NOUN PL
AVALANCHES	NOUN PL VERB SING
AXES	NOUN PL VERB SING
BACILLI	NOUN PL
BANDITTI	NOUN PL
BASES	NOUN PL VERB SING
BATHES	VERB SING
BIPED	NOUN SING

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BIRCIES	NOUN PL
BITUMEN	NOUN SING
BLEEC	VERB PL
BLESS	VERB PL
BLCCD-RED	NOUN SING
BLCCDSHED	NOUN SING
BOOKIES	NOUN PL
BOSS	NOUN SING VERB PL
BOWIES	NOUN PL
BOWSTRING	NOUN SING
BREATHES	VERB SING
BREED	VERB PL
BRETHREN	NOUN PL
BRING	VERB PL
BROWNIES	NOUN PL
BUSES	NOUN PL
BUSS	NOUN SING VERB PL
BUTRESS	NOUN SING VERB PL
BUZZES	NOUN PL VERB SING
CACHES	NOUN PL
CACTUSES	NOUN PL
CADDIES	NOUN PL VERB SING
CALORIES	NOUN PL
CANOES	NOUN PL VERB SING
CANVASS	NOUN SING VERB PL
CARESS	NOUN SING VERB PL

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CARIES	NOUN PL
CENSUSES	NOUN PL
CERUMEN	NOUN SING
CHICKWEED	NOUN SING
CHILDREN	NOUN PL
CHINTZES	NOUN PL VERB SING
CHRUSES	NOUN PL VERB SING
CIRCUSES	NOUN PL
CITRUSES	NOUN PL
CLASS	NOUN SING VERB PL
CLICHES	NOUN PL
CODICES	NOUN PL
COGNOMEN	NOUN SING
COLLIES	NOUN PL
COLOSSI	NOUN PL
COMPRESS	VERB PL
CONFESS	VERB PL
COOKIES	NOUN PL
COOLIES	NOUN PL
COOTIES	NOUN PL
CORBIES	NOUN PL
CORPUSES	NOUN PL
CORTICES	NOUN PL
COTERIES	NOUN PL
CRECHES	NOUN PL
CREED	NOUN SING
CRISES	NOUN PL

CROSS	NOUN SING	VERB PL
CUDWEED	NOUN SING	
CUMULI	NOUN PL	
CUSS	NOUN SING	VERB PL
CUTIES	NOUN PL	
DAISES	NOUN PL	
DEARIES	NOUN PL	
DEED	NOUN SING	VERB PL
DEMITASSES	NOUN PL	
DEPRESS	VERB PL	
DIES	NOUN PL	VERB SING
DIGRESS	VERB PL	
DING	NOUN SING	VERB PL
DISCUSES	NOUN PL	
DISCUSS	NOUN SING	VERB PL
DISMISS	VERB PL	
DISPOSSES	VERB PL	
DISTRESS	NOUN SING	VERB PL
DOGGIES	NOUN PL	
DOGIES	NOUN PL	
DOLMEN	NOUN SING	
DOUCHES	NOUN PL	VERB SING
DRESS	NOUN SING	VERB PL
DURAMEN	NOUN SING	
EARACHES	NOUN PL	
ELLIPSES	NOUN PL	
ELVES	NOUN PL	

EMBARASS	VERB PL
EMBED	VERB PL
EMBOSS	NOUN SING VERB PL
ENCOMPASS	VERB PL
ENGROSS	NOUN SING VERB PL
ENRING	VERB PL
EXCEED	VERB PL
EXPRESS	NOUN SING VERB PL
FEED	NOUN SING VERB PL
FEET	NOUN PL
FEZZES	NOUN PL
FINESSES	NOUN PL
FIZZES	NOUN PL VERB SING
FLING	NOUN SING VERB PL
FLOES	NOUN PL
FLOOZIES	NOUN PL
FCCI	NOUN PL
FOCUSES	VERB SING
FOES	NOUN PL
FOETI	NOUN PL
FOETUSES	NOUN PL
FRIZZES	NOUN PL VERB SING
FUNGI	NOUN PL
FUNGUSES	NOUN PL
FUSS	NOUN SING VERB PL
FUZZES	NOUN PL VERB SING
GEESE	NOUN PL

GENIES	NOUN PL
GENIUSES	NOUN PL
GERMEN	NOUN SING
GLASS	NOUN SING VERB PL
GLOSS	NOUN SING VERB PL
GOUACHES	NOUN PL
GUESS	NOUN SING VERB PL
HADDIES	NOUN PL
HAMSTRING	VERB PL
HARASS	VERB PL
HATRED	NOUN SING
HEADACHES	NOUN PL
HEARTACHES	NOUN PL
HEED	VERB PL
HIES	VERB SING
HIPPOPATAMI	NOUN PL
HOES	NOUN PL VERB SING
HOOVES	NOUN PL
HOTBED	NOUN SING
HUNDRED	NOUN SING
HYMEN	NOUN SING
HYPOTHESES	NOUN PL
IBISES	NOUN PL
IMPRESS	NOUN SING VERB PL
INDICES	NOUN PL
INTERBREED	VERB PL

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JAZZES	NOUN PL VERB SING
JIMSCNWEED	NOUN SING
JOINTWEED	NOUN SING
KINRED	NOUN SING VERB PL
KISS	NOUN SING VERB PL
KNAPWEED	NOUN SING
KNAVES	NOUN PL
KNEED	VERB PL
KNIVES	NOUN PL
LADDIES	NOUN PL
LASSIES	NOUN PL
LATHES	NOUN PL VERB SING
LEAVES	NOUN PL VERB SING
LETUMEN	NOUN SING
LICE	NOUN PL
LIES	NOUN PL VERB SING
LINSEED	NOUN SING
LOATHES	VERB SING
LOTUSES	NOUN PL
MAGI	NOUN PL
MAGPIES	NOUN PL
MASHIES	NOUN PL
MASS	NOUN SING VERB PL
MENAGERIES	NOUN PL
MEN	NOUN PL
MICE	NOUN PL
MISDEED	NOUN SING

MISS	NOUN SING VERB PL
MISTLETOES	NOUN PL
MOCULI	NOUN PL
MOLASSES	NOUN PL
MOUSTACHES	NOUN PL
MOVIES	NOUN PL
MUSSS	NOUN SING VERB PL
NICHES	NOUN PL
NIGHTIES	NOUN PL
NUCLEI	NOUN PL
OASES	NOUN PL
OBSESS	VERB PL
CCTOPUSES	NOUN PL
OMEN	NOUN SING
OMNIBUSES	NOUN PL
OPPRESS	VERB PL
ORGANDIES	NOUN PL
OUTCLASS	NOUN SING VERB PL
OUTVIES	VERB SING
OVERFEED	VERB PL
OVERLIES	VERB SING
OVERPASS	NOUN SING VERB PL
CXEN	NOUN SING
PAPYRI	NOUN PL
PARENTHESES	NOUN PL
PASS	NOUN SING VERB PL

ALLI	NOUN PL
ALIS	NOUN PL VERB SING
ALIES	NOUN PL
ALWEED	NOUN SING
ALLCI	NOUN PL
POSSESS	VERB PL
ARARIES	NOUN PL
PRECES	NOUN PL
PREPCSSESS	VERB PL
PRESS	NOUN SING VERB PL
PRCBCSCES	NOUN PL
PROCEED	VERB PL
PROFESS	VERB PL
PROGRESS	NOUN SING VERB PL
QUIZZES	NOUN PL VERB SING
RABIES	NOUN PL
RACICES	NOUN PL
RACII	NOUN PL
READDRESS	VERB PL
REASSESS	VERB PL
RECROSS	NOUN SING VERB PL
REDRESS	NOUN SING VERB PL
REED	NOUN SING
REGIMEN	NOUN SING
REGRESS	NOUN SING VERB PL
REIMPRESS	VERB PL
REPASS	NOUN SING VERB PL

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REPOSSESS	VERB PL
REPRESS	VERB PL
RETROGRESS	VERB PL
REVERIES	NOUN PL
RING	NOUN SING VERB PL
ROOKIES	NOUN PL
SCABIES	NOUN PL
SCARVES	NOUN PL
SCATHES	VERB SING
SEAWEED	NOUN SING
SEED	NOUN SING VERB PL
SEETHES	VERB SING
SEmen	NOUN SING
SHEATHES	VERB SING
SHED	NOUN SING VERB PL
SHOES	NOUN PL VERB SING
SHRED	NOUN SING VERB PL
SING	NOUN SING VERB PL
SINUSES	NOUN PL
SORTIES	NOUN PL
SPECIES	NOUN SING
SPECIMEN	NOUN SING
SPEEC	NOUN SING VERB PL
SPITZES	NOUN PL VERB SING
SPRING	NOUN SING VERB PL
STAMEN	NOUN SING
STATUSES	NOUN PL

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STEED	NOUN SING
STIMULI	NOUN PL
STING	NOUN SING VERB PL
STOGIES	NOUN PL
STRATI	NOUN PL
STRATUSES	NOUN PL
STRESS	NOUN SING VERB PL
STRING	NOUN SING VERB PL
STROPHES	NOUN PL
STYLUSES	NOUN PL
SUCCEED	VERB PL
SUPPRESS	VERB PL
SURPASS	VERB PL
SWATHES	VERB SING
SWING	NOUN SING VERB PL
SYNCPSES	NOUN PL
TARSI	NOUN PL
TEETHES	VERB SING
TEETH	NOUN PL
TERMINI	NOUN PL
TERMINUSES	NOUN PL
THESES	NOUN PL
THROES	NOUN PL
TIES	NOUN PL VERB SING
TIPTCES	NOUN PL
TITHES	NOUN PL VERB SING
TOES	NOUN PL VERB SING

TINCTURES	NOUN PL
TOPAZES	NOUN PL
TOSS	NOUN SING VERB PL
TRANSGRESS	VERB PL
TRESPASS	NOUN SING VERB PL
TRICHES	NOUN PL
TRUSS	NOUN SING VERB PL
TWEED	NOUN SING
UNCRESS	NOUN SING VERB PL
UTERUSES	NOUN PL
VALKYRIES	NOUN PL
VERTICES	NOUN PL
VIES	VERB SING
VIRTUOSI	NOUN PL
VIRUSES	NOUN PL
VORTICES	NOUN PL
WALRUSES	NOUN PL
WALTZES	NOUN PL VERB SING
WATERSHED	NOUN SING
WEED	NOUN SING VERB PL
WEED	NOUN SING VERB PL
WHIZZES	NOUN PL VERB SING
WIVES	NOUN PL
WOES	NOUN PL
WOLVES	NOUN PL
WORSTED	NOUN SING
WREATHES	VERB SING
WRING	VERB PL
WRITHES	VERB SING

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Dictionary of Suffix Test 2 Exceptions

ABJECT	ADJ
ABCUND	VERB
ABRUPT	ADJ
ABSENT	VERB NOUN
ABSTRUSE	ADJ
ACCENT	VERB NOUN
ACCOMPANY	VERB
ACCOUTRE	VERB
ACCURATE	ADJ
ACCURST	ADJ
ACHE	VERB NOUN
ACQUITTAL	NOUN
ACUTE	ADJ
ADEGUATE	ADJ
ADHERE	VERB
ADIPOSE	ADJ
ADMIRAL	NOUN
ADROIT	ADJ
AFFECTIONATE	ADJ
AFCRETHOUGHT	ADJ
AGREE	VERB
AIC	VERB NOUN
ALERT	ADJ
ALIKE	ADV
ALINE	VERB

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ALLEG	VERB	
ALLY	VERB	NOUN
ALCFT	ADV	
ALCNE	ADJ	
ALCOF	ADV	
ALTERNATE	VERB	NOUN ADJ
AMAZE	VERB	
AMPLE	ADJ	
ANGUISH	NOUN	
ANIMAL	NOUN	
ANIMATE	VERB	ADJ
ANIMATE	VERB	
ANIMATE	VERB	ADJ
ANNEAL	VERB	
ANTI-PENULTIMATE	ADJ	NOUN
APPAL	VERB	
APPEAL	VERB	
APPLY	NONE	NONE
APPRAISAL	NOUN	
APPROPRIATE	VERB	ADJ
APPROPRIATE	VERB	ADJ
APPROVAL	NOUN	
APPROXIMATE	VERB	ADJ
APT	ADJ	
ARITHMETIC	NOUN	
ARMFUL	NOUN	

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AROSE	VERB	
ARRIVAL	NOUN	
ARSENAL	NOUN	
ARSENIC	NOUN	
ARTICULATE	VERB	ADJ
ASSENT	VERB	NOUN
ASSIZE	NOUN	
ASTUTE	ADJ	
ATHIRST	ADJ	
AUBURN	ADJ	
AUGMENT	VERB	
AUREATE	ADJ	
AURLATE	ADJ	
AUSTERE	ADJ	
AVCIC	VERB	
AWARE	ADJ	
AWESTRUCK	ADJ	
AXLE	NOUN	
AZURE	ADJ	
BACCALAUREATE	ADJ	
BAIZE	NOUN	
BAN	VERB	NOUN
BAREBACK	ADV	ADJ
BARE	VERB	ADJ
BASE	ADJ	
BEGAN	VERB	

BEGUILE	VERB
BELIAL	NOUN
BELCNG	VERB
BENIGN	ADJ
BEQUEATH	VERB
BEST	ADJ
BETROTH	VERB
BIBLE	NOUN
BICYCLE	VERB NOUN
BIG	ADJ
BILLET	VERB NOUN
BISHOPRIC	NOUN
BLACK	NOUN ADJ
BLAND	ADJ
BLASE	ADJ
BLEAK	ADJ
BLEAR	ADJ
BLIND	ADJ
BLITHE	ADJ
BLCCCSHOT	ADJ
BLUE	ADJ
BLUFF	ADJ
BLUNT	VERB ADJ
BOATFUL	NOUN
BOCILY	ADJ
BORN	ADJ
BOURGEOIS	ADJ

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BRAIC	VERB	NOUN
BRASH	ADJ	
BRAVE	VERB	ADJ
BRIEF	ADJ	
BRINCLE	ADJ	
BRISK	ADJ	
BRITTLE	ADJ	
BRCAD	ADJ	
BRCWN	ADJ	
BRUSQUE	ADJ	
BUCKETFUL		NOUN
BURIAL		NOUN
BURY		VERB
BUSHFUL		NOUN
BUY		VERB
CABLE	VERB	NOUN
CALCINE	VERB	
CALLOW	ADJ	
CALM	ADJ	
CANAL		NOUN
CANFUL		NOUN
CANNIBAL		NOUN
CAN	VERB	NOUN
CARNIVAL		NOUN
CARCUSAL		NOUN
CATHECRAL		NOUN
CEDARN		ADJ

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CELEBATE	NOUN	ADJ
CEREAL		ADJ
CERISE		ADJ
CERTAIN		ADJ
CHANT		VERB
CHAPARRAL	NOUN	
CHARCOAL	NOUN	
CHARNEL		ADJ
CHASTE		ADJ
CHEAP		ADJ
CHILL	VERB	NOUN
CHOCOLATE	NOUN	ADJ
CHOOSE		VERB
CHOSE		VERB
CIRCLE	VERB	NOUN
CIRCUMSPECT		ADJ
CIRCUMVENT		VERB
CIRRUS		ADJ
CIVIL		ADJ
CLÉAN	VERB	ADJ
CLEAR		ADJ
CLOD	NOUN	
CLOSE	VERB	NOUN
COAL	NOUN	
COCKSURE		ADJ
COGNATE		ADJ
COHERE		VERB

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COLD	NOUN	ADJ
COLLEGiate		ADJ
COLLEGiate	NOUN	ADJ
COMBINE	VERB	NOUN
COMELY		ADJ
COMESTIBLE		NOUN
COMMENCE		VERB
COMMENT		VERB
COMPASSIONATE		ADJ
COMPILE		VERB
COMPLIMENT,	VERB	NOUN
CONCAVE		ADJ
CONCEAL		VERB
CONCISE		ADJ
CONDIGN		ADJ
CONFESSiONAL		NOUN
CONFINE	VERB	NOUN
CONGEAL		VERB
CONJiNT		ADJ
CONNiVE		VERB
CONSiDERATE		ADJ
CONSUMMATE	VERB	ADJ
CONTINUE		VERB
CONVERSE		VERB
CONVEY		VERB
COORDiNATE	VERB	NOUN
CORAL		NOUN

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CORPCRAL	NOUN
CORPCRATE	ADJ
CORRAL	VERB NOUN
CORRLPT	VERB ADJ
COVERT	ADJ
CRANE	VERB NOUN
CRASS	ADJ
CRINKLY	ADJ
CRISP	ADJ
CRUDE	ADJ
CRUEL	ADJ
CRYSTAL	NOUN ADJ
CURT	ADJ
CUTE	ADJ
CYCLE	VERB NOUN
DAFT	ADJ
DALLY	VERB
DAMP	ADJ
DANE	NOUN
DANK	ADJ
DAPPER	ADJ
DARK	ADJ
DEAF	ADJ
DEAL	VERB NOUN
DEAR	ADJ
DECNAIR	ADJ
DECANT	VERB

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DECLINE	VERB	NOUN
DECAY	VERB	NOUN
DECREE	VERB	NOUN
DECREPIT	ADJ	
DEEP	ADJ	
DEFILE	VERB	NOUN
DEFINE	VERB	
DEFT	ADJ	
DEFUNCT	ADJ	
DEFY	VERB	
DEGENERATE	VERB	ADJ
DELIBERATE	VERB	ADJ
DELICATE	ADJ	
DELICATE	ADJ	
DEMEAN	VERB	
DEMURE	ADJ	
DENIAL	NOUN	
DERELICT	NOUN	ADJ
DERVISH	NOUN	
DESCENT	NOUN	
DESOLATE	VERB	ADJ
DESOLATE	ADJ	
DESPARATE	ADJ	
DESTITUTE	ADJ	
DETERMINATE	ADJ	
DETERMINATE	ADJ	
DEUCE	NOUN	

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DEVOUT	ADJ
DIAGNOSE	VERB
DIAGONAL	NOUN ADJ
DIAL	VERB NOUN
CIE	VERB
DIFFICULT	ADJ
DIM	ADJ
DIRE	ADJ
DIRIGIBLE	NOUN
DISAGREE	ADV
DISCIPLINE	VERB NOUN
DISCLOSE	VERB
DISCNSOLATE	ADJ
DISCONSOLATE	ADJ
DISCONTINUE	VERB
DISCREET	ADJ
DISEMBODY	VERB
DISENCHANT	VERB
DISHONEST	ADJ
DISLIKE	VERB NOUN
DISMISSAL	NOUN
DISOBEY	VERB
DISPOSAL	NOUN
DISSATISFY	VERB
DISTINCT	ADJ
DISTRAIT	ADJ
DISTRAUGHT	ADJ

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CISTRESS	VERB	NOUN
CCILY	NOUN	
DOMESTIC	NOUN	ADV
DOMICILE	VERB	NOUN
DOUBLE		ADJ
DOWNCAST		ADJ
DOWNRIGHT		ADJ
DRAE	NOUN	ADJ
DREAR		ADJ
CRIVE	VERB	NOUN
DROLL		ADJ
DRUM	VERB	NOUN
DUCE		NOUN
DULCET		ADJ
DULL		ADJ
DUN		ADJ
DUPLEX	NOUN	ADJ
DUPLICATE	VERB	ADJ
DUTCH		ADJ
EAGER		ADJ
EARNEST		ADJ
EASTERN		ADJ
EDWARD		NOUN
EFFEMINATE		ADJ
EFFEMINATE		ADJ
EIGHTH		ADJ
EIGHT		ADJ

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ELABORATE	VERB	ADJ
ELDER	NOUN	ADJ
ELDRITCH	ADJ	
ELFISH	ADJ	
EMBOCY	VERB	
EMERITUS	ADJ	
ENABLE	VERB	
ENCHANT	VERB	
ENCLCSE	VERB	
ENGLISH	NOUN	ADJ
ENLIST	VERB	
ENCUGH	ADJ	
ENSHRINE	VERB	
ENTIRE	ADJ	
ENTWINE	VERB	
EVERYDAY	ADJ	
EVIL	ADJ	
EXACT	ADJ	
EXPERIENCE	VERB	NOUN
EXPERT	NOUN	ADJ
EXPLICIT	ADJ	
EXPLOSE	VERB	NOUN
EXQUISITE	ADJ	
EXTTEMPORE	ADV	
EXTINCT	ADJ	
EXTREME	ADJ	
FAIR	ADJ	

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FALLCW	ADJ	
FALSE	ADJ	
FAMILIAR	NOUN	ADJ
FAMILY	ADJ	
FAN	VERB	NOUN
FAR-OFF	ADJ	
FAR	ADJ	
FAST	VERB	ADJ
FEEBLE	ADJ	
FELL	VERB	ADJ
FERMENT	VERB	NOUN
FERTILE	ADJ	
FESTIVAL	NOUN	
FETISH	NOUN	
FEW	ADJ	
FEY	ADJ	
FIFTH	ADJ	
FINE	VERB	ADJ
FIRM	ADJ	
FIRST	ADJ	
FISH	VERB	NOUN
FLAT	NOUN	ADJ
FLEET	ADJ	
FOAL	VERB	NOUN
FCCUS	VERB	NOUN
FOIBLE	NOUN	
FCMENT	VERB	

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FOOTSORE	ADJ
FORECLOSE	VERB
FOREGIVE	VERB
FOREGO	VERB
FOREKNOWN	ADJ
FORE	NOUN
FORESEE	VERB
FORTH	ADV
FORTUNATE	ADJ
FOUL	ADJ
FOURTH	ADJ
FRAIL	ADJ
FRANK	NOUN ADJ
FRAUGHT	ADJ
FREE	VERB ADJ
FREQUENT	VERB ADJ
FRESH	ADJ
FULL.	ADJ
FUNERAL	NOUN
FURLONG	ADJ
GALLIVANT	VERB
GALORE	ADV
GAME	NOUN ADJ
GAY	ADJ
GENERAL	NOUN ADJ
GENTEEL	ADJ
GENTLE	ADJ

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GERMANE	ADJ	
GIBBERISH	NOUN	
GILT	NOUN	ADJ
GIVE	VERB	
GLASSFUL	NOUN	
GLEAN	VERB	
GLIB	ADJ	
GLUEY	ADJ	
GOAL	NOUN	
GOOD	ADJ	
GORSE	NOUN	
GRAND	ADJ	
GRANT	VERB	NOUN
GRATIS	ADV	ADJ
GRAVE	NOUN	ADJ
GRAY	ADJ	
GREY	ADJ	
GRIM	ADJ	
GRISLY	ADJ	
GROAN	VERB	NOUN
GROSS	ADJ	
GRUFF	ADJ	
GUARANTEE	VERB	ADJ
GUY	VERB	NOUN
HALE	ADJ	
HARD	ADJ	
HARSH	ADJ	

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HARUM-SCARUM	ADJ
HASHISH	NOUN
HEAL	VERB
HEARTFELT	ADJ
HERETIC	NOUN ADJ
HETERODOX	ADJ
HIDEBOUND	ADJ
HIE	VERB
HIGHFLOWN	ADJ
HIGH	NOUN ADJ
HIRSUTE	ADJ
HOAR	ADJ
HOLLOW	ADJ
HOMELY	ADJ
HOMESPUN	ADJ
HONY	ADJ
HONEST	ADJ
HORSEBACK	ADV ADJ
HORSE	NOUN
HOT	ADJ
HOUSE	VERB NOUN
HUGE	ADJ
HUMANE	ADJ
HUMAN	NOUN ADJ
HUMBLE	ADJ
HUMDRUM	ADJ
HUM	VERB

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HUNDREDTH	ADJ
HYMNAL	NOUN
ICY	ADJ
IDEAL	NOUN ADJ
IGNOBLE	ADJ
ILK	ADJ
ILLEGITIMATE	ADJ
ILLICIT	ADJ
ILLITERATE	ADJ
ILL	ADJ
IMMACULATE	ADJ
IMMACULATE	ADJ
IMMEDIATE	ADJ
IMMEDIATE	ADJ
IMMENSE	ADJ
IMMEDIATE	ADJ
IMMUNE	ADJ
IMPASSIONATE	ADJ
IMPERFECT	ADJ
IMPLICIT	ADJ
IMPLY	VERB
IMPETUOUS	ADJ
IMPREMPTUOUS	ADV
IMPROPER	ADJ
IMPURE	ADJ
INACCURATE	ADJ
INADEQUATE	ADJ

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INANE	ADJ
INANIMATE	ADJ
INANIMATE	ADJ
INAPPROPRIATE	ADJ
INAPPROPRIATE	ADJ
INAPT	ADJ
INARTICULATE	ADJ
INARTICULATE	ADJ
INCHCATE	ADJ
INCLINE	VERB NOUN
INCOMMENSURATE	ADJ
INCONSIDERATE	ADJ
INCORRUPT	ADJ
INCELICATE	ADJ
INDELICATE	ADJ
INDETERMINATE	ADJ
INDISCREET	ADJ
INDISCRIMINATE	ADJ
INDISCRIMINATE	ADJ
INCISTINCT	ADJ
INCCRS	ADV
INERT	ADJ
INEXACT	ADJ
INFIRM	ADJ
INFLUENCE	VERB NOUN
INHUMAN	ADJ
INNATE	ADJ

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INCREDINATE	ADJ
INSANE	ADJ
INSATIATE	ADJ
INSECURE	ADJ
INSHCRE	ADV
INSINCERE	ADJ
INSUBORDINATE	ADJ
INTENSE	ADJ
INTERLINE	VERB
INTERLUDE	NOUN
INTERMEDIATE	NOUN ADJ
INTERTWINE	VERB
INTERVAL	NOUN
INTIMATE	VERB NOUN ADJ
INTRICATE	ADJ
INTRICATE	ADJ
INVENT	VERB
INVETERATE	ADJ
INVICLATE	ADJ
JACKAL	NOUN
JOURNAL	NOUN
JOURNEY	VERB NOUN
JUICY	ADJ
JUST	ADV ADJ
KHAKI	ADJ
KIND	ADJ
KNEE	VERB NOUN

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LAMENT	VERB	NOUN
LAME	ADJ	
LANK	ADJ	
LARGE	ADJ	
LAST	ADJ	
LATE	ADV	
LAX	ADJ	
LEAN	VERB	ADJ
LEAST	ADJ	
LEATHERN	ADJ	
LEFT	VERB	ADJ
LEGITIMATE	ADJ	
LEGITIMATE	ADJ	
LENGTHWAYS	ADV	
LENT	VERB	NOUN
LETTUCE	NOUN	
LEVEL	VERB	NOUN ADJ
LEVY	VERB	
LIEF	ADV	
LIE	VERB	
LIKELY	ADJ	
LILY	NOUN	
LISSCM	ADJ	
LIST	VERB	NOUN
LITERATE	ADJ	
LITHE	ADJ	
LITTLE	ADJ	

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LIVELY	ADJ	
LIVE	VERB	ADJ
LOATH	ADJ	
LONELY	ADJ	
LONE	ADJ	
LONG	ADJ	
LOSE	VERB	
LOUD	ADJ	
LOVELY	ADJ	
LOW	ADJ	
LUKEWARM	ADJ	
LUMBAR	ADJ	
LUNATIC	NOUN	ADJ
LUSH	ADJ	
MACHINE	VERB	NOUN
MADCAP	NOUN	ADJ
MADRIGAL	NOUN	ADJ
MAIN	NOUN	ADJ
MAIZE	NOUN	
MALACROIT	ADJ	
MALIGN	ADJ	
MAMMAL	NOUN	
MANDIBLE	NOUN	
MAN	VERB	NOUN
MARITIME	ADJ	
MARCON	VERB	ADJ
MARSHAL	VERB	NOUN

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MARSUPIAL	NOUN	
MATURE	VERB	ADJ
MAUDLIN	ADJ	
MAYHAP	ADV	
MEAL	NOUN	
MEAN	VERB	ADJ
MEANTIME	ADV	
MEANWHILE	ADV	
MEASLY	ADJ	
MEDAL	NOUN	
MEDIocre	ADJ	
MEEK	ADJ	
MEMORIAL	NOUN	
MENIAL	NOUN	
MERE	ADJ	
MESCAL	NOUN	
METAL	NOUN	
MILD	ADJ	
MINUTE	NOUN	ADJ
MISDEAL	NOUN	
MISDO	VERB	
MISRULE	VERB	NOUN
MISTIME	VERB	
MISTRAL	NOUN	
MOAN	VERB	NOUN
MODERATE	VERB	ADJ
MODERN	ADJ	

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MONGREL	NOUN	ADJ
MONTH.	NCUN	
MORE	ADV	ADJ
MULTIPLE	NOUN	ADJ
MULTIPLY	VERB	
MUSIC	NOUN	
MUTCH	ADJ	
MUTE	ADJ	
NARROW	ADJ	
NEAP	ADJ	
NETHER.	ADJ	
NEUTRAL	NOUN	ADJ
NEW	ADJ	
NICE	ADJ	
NIGH	ADV	
NIMBLE	ADJ	
NOBLE	ADJ	
NODE	VERB	NOUN
NONDESCRIPT	ADJ	
NOOSE	VERB	NOUN
NORTHERN	ADJ	
NOSE	VERB	NOUN
NOVEL	NOUN	ADJ
NOWADAYS	ADV	
NOW	ADV	
NUCLEAR	ADJ	
NUDE	NOUN	ADJ

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NULL	NOUN	ADJ
NUMERAL	NOUN	
CAFISH	ADJ	
CBCURATE	ADJ	
CBEY	VERB	
CBLATE	ADJ	
CBSCURE	VERB	ADJ
OBSTINATE	ADJ	
OBTUSE	ADJ	
OCCULT	NOUN	ADJ
CFAL	NOUN	
FFICIAL	NOUN	ADJ
OILY	ADJ	
CLC	ADJ	
CMNIPRESENT	ADJ	
CPAL	NOUN	
CPINE	VERB	
CPPORTUNE	ADJ	
OPPOSITE	NOUN	ADJ
ORNATE	ADJ	
ORTHODOX	ADJ	
CUTDCORS	ADV	
CUTDO	VERB	
CUTLIVE	VERB	
CUTRE	ADJ	
CUTRIGHT	ADV	
CUTWCRN	ADJ	

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CVERCAST	ADJ
CVERRULE	VERB NOUN
CVERSEAS	ADV
CVERSEE	VERBIS
CVERT	ADJ
CVERWCUGHT	ADJ
OWN	VERB ADJ
PAILFUL	NOUN
PALE	ADJ
PANFUL	NOUN
PANT	VERB NOUN
PARISH	NOUN
PARSE	VERB
PASSIONATE	ADJ
PAST	VERB ADJ
PEAL	VERB NOUN
PEDAL	VERB NOUN
PEDESTAL	NOUN
PELL-MELL	ADV
PERADVENTURE	ADV
PERFECT	ADJ
PERSEVERE	VERB
PERT	ADJ
PETAL	NOUN
PHIAL	NOUN
PHILATELY	NOUN
PHONE	VERB NOUN

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PILE	VERB	NOUN
PINE	VERB	NOUN
PLAIN	NOUN	ADJ
PLANE	VERB	NOUN
PLANT	VERB	NOUN
PLOD	VERB	
PLUMP	ADJ	
PLY	VERB	NOUN
POCKETFUL	NOUN	
PORTAL	NOUN	
POSE	VERB	NOUN
PRECIPITATE	VERB	NOUN
PRECISE	ADJ	
PRELUDE	NOUN	
PREMATURE	ADJ	
PRESENT	VERB	ADJ
PREY	VERB	NOUN
PRIM	ADJ	
PRIZE	VERB	NOUN
PROCESSIONAL	NOUN	
PRODIGAL	NOUN	ADJ
PRODUCE	VERB	NOUN
PROFANE	ADJ	
PROFOUND	ADJ	
PROCLIX	ADJ	
PROLONG	VERB	
PROMPT	VERB	ADJ

PRONE	ADJ		
PROPER	ADJ		
PROPHESY	VERB	NOUN	
PROPORTIONATE	ADJ		
PROPOSAL	NOUN		
PROUD	ADJ		
PROXIMATE	ADJ		
PUCE	ADJ		
PULE	VERB		
PURE	ADJ		
PURPLE	VERB	NOUN	ADJ
PURPOSE	VERB	NOUN	
PURVEY	VERB		
QUAINT	ADJ		
QUARANTINE	VERB	NOUN	
QUICK	ADJ		
QUIET	ADJ		
QUIT	ADJ		
QUOTH	VERB		
RACY	ADJ		
RADISH	NOUN		
RAFFISH	ADJ		
RALLY	VERB	NOUN	
RAN	VERB	NOUN	
RANT	VERB	NOUN	
RAPT	ADJ		
RARE	ADJ		

RASCAL	NOUN	
RASH	ADJ	
RAW	ADJ	
REAPPLY	VERB	
RECLINE	VERB	
RECOMPENCE	VERB	NOUN
RECOGNISE	VERB	
REENLIST	VERB	
REFINE	VERB	
REHEARSAL	NOUN	
REHEARSE	VERB	
RELENT	VERB	
RELIVE	VERB	
REMOTE	ADJ	
RENDEZVOUS	VERB	NOUN
REPEAL	VERB	
REPENT	VERB	
REPINE	VERB	
REPLY	NOUN	VERB
REQUISITE	NOUN	ADJ
RESEATE	ADJ	
RETRIAL	NOUN	
RETRUSSE	ADJ	
REVEAL	VERB	
REVERE	VERB	NOUN
REVERSAL	NOUN	
REVERSE	VERB	NOUN

REVIVAL	NOUN
REVIVE	VERB
RICH	ADJ
RIGHT	VERB NOUN ADJ
RILE	VERB
RISQUE	ADJ
RIVAL	VERB NOUN
ROBUST	ADJ
ROSEATE	ADJ
ROTUND	ADJ
ROUGH	ADJ
ROUNDABOUT	ADJ
ROUND	ADJ
RUDE	ADJ
RULE	VERB NOUN
SACKFUL	NOUN
SAFE	NOUN ADJ
SALLOW	ADJ
SALLY	VERB NOUN
SAME	ADJ
SANE	ADJ
SATISFY	VERB
SCAN	VERB NOUN
SCARLET	ADJ
SCENT	VERB NOUN
SCOTCH	VERB ADJ
SCRUPLE	VERB NOUN

SEAL	VERB	NOUN
SECCND	NOUN	ADJ
SECURE	VERB	ADJ
SEDATE	ADJ	
SECATE	ADJ	
SEE	VERB	
SELECT	VERB	NOUN ADJ
SELFISH	ADJ	
SENECHAL	NOUN	
SEVERE	ADJ	
SHALLOW	NOUN	ADJ
SHAM	ADJ	
SHAPELY	ADJ	
SHARP	ADJ	
SHINGLY	ADJ	
SHIP	VERB	NOUN
SHOAL	NOUN	
SHOD	VERB	
SHORT	ADJ	
SHRILL	ADJ	
SIGNAL	VERB	NOUN
SIMPLE	ADJ	
SINCERE	ADJ	
SINGLE	ADJ	
SIX	ADJ	
SIXTH	ADJ	
SIZE	VERB	NOUN

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SKIRMISH	VERB	ADJ
SKY	NOUN	
SLACK	ADJ	
SLEEK	ADJ	
SLICK	VERB	ADJ
SLIGHT	VERB	ADJ
SLIM	ADJ	
SLOW	ADJ	
SLY	ADJ	
SMALL	ADJ	
SMILE	VERB	NOUN
SMOOTH	ADJ	
SMUG	ADJ	
SNUG	ADJ	
SOBER	ADJ	
SOFT	ADJ	
SOLEMN	ADJ	
SOMETIMES	ADV	ADJ
SOMETIMES.	ADV	
SOMEWHAT	ADV	
SOUTHERN	ADJ	
SPAN	VERB	NOUN
SPATULATE	ADJ	
SPENT	VERB	ADJ
SPICY	ADJ	
SPIRAL	VERB	NOUN
SPLAY	VERB	ADJ

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SPOOFUL	NOUN		
SPRUCE	VERB	NOUN	
SQUALLY	ADJ		
SQUARE	VERB	NOUN	ADJ
SQUEAL	VERB		
STABLE	VERB	NOUN	
STAUNCH	VERB	ADJ	
STEADFAST	ADJ		
STEAL	VERB		
STEEP	ADJ		
STERN	NOUN	ADJ	
STIFF	ADJ		
STILL	ADJ		
STOUT	ADJ		
STRAIGHT	ADJ		
STRAIGHTWAY	ADV		
STRAIT	ADJ		
STRANGE	ADJ		
STRANGE	ADJ		
STRESS	VERB	NOUN	
STRIATE	ADJ		
STRONG	ADJ		
STRUM	VERB		
SUAVE	ADJ		
SUBLIME	VERB	ADJ	
SUBORDINATE	VERB	NOUN	ADJ
SUBORDINATE	NOUN	ADJ	

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SUBCRN	VERB	
SUBTLE	ADJ	
SUCCINCT	ADJ	
SULLY	VERB	
SUM	VERB	NOUN
SUNLIT	ADJ	
SUPERHUMAN	ADJ	
SUPPLEMENT	VERB	NOUN
SUPPLE	ADJ	
SUPPLY	VERB	NOUN
SUPPLY	VERB	ADV
SUPREME	ADJ	
SURE	ADJ	
SURVEY	VERB	
SURVIVAL	NOUN	
SURVIVE	VERB	
SWAY	VERB	NOUN
SWEET	NOUN	ADJ
SWUM	VERB	
SYLLABLE	NOUN	
TABLE	VERB	NOUN
TACITURN	ADJ	
TALENT	NOUN	
TALL	ADJ	
TALLY	VERB	NOUN
TAME	VERB	ADJ
TANDEM	NOUN	ADV
TAN	VERB	NOUN

TANTAMOUNT		ADJ.
TART	NOUN	ADJ
TEAL	NOUN	
TEE	VERB	NOUN
TELEPHONE	VERB	NOUN
TEMPERATE	ADJ	
TENSE	VERB	ADJ
TENSE	VERB	NOUN
TERMINAL	NOUN	ADJ
TESTIMONIAL	NOUN	ADJ
THICK	ADJ	
THIMBLEFUL	NOUN	
THIN	VERB	ADJ
THIRD	NOUN	ADJ
THOROUGH	ADJ	
THOUSAND	NOUN	ADJ
THOUSANDTH	ADJ	
THREADBARE	ADJ	
THREE	ADJ	
THREESOME	NOUN	
THRUM	VERB	NOUN
TIC	NOUN	
TIGHT	ADJ	
TIMELY	ADJ.	
TIMOTHY	ADJ	
TIPTOE	VERB	ADV
TORMENT	VERB	NOUN

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TOUGH	ADJ	
TOURNEY	VERB	NOUN
TRAFFIC	VERB	NOUN
TRANSSHIP	VERB	
TREBLE	NOUN	ADJ
TRIAL	NOUN	
TRIBUNAL	NOUN	
TRIM	ADJ	
TRIPLE	VERB	ADJ
TROD	VERB	
TRUCE	NOUN	
TRUE	ADJ	
TRY	VERB	
TWELFTH	ADJ	
TWELVE	ADJ	
TWINE	VERB	NOUN
TWIST	VERB	NOUN
TWO	ADJ	
TYPE	VERB	NOUN
UGLY	ADJ	
ULTIMATE	ADJ	
ULTIMATE	ADJ	
UNAPT	ADJ	
UNAWARE	ADJ	
UNDERLINE	VERB	
UNDONE	ADJ	
UNEARTH	VERB	

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UNFORTUNATE	ADJ
UNHURT	ADJ
UNKEMPT	ADJ
UNLIKELY.	ADV ADJ
UNMAN	VERB
UNQUIET	ADJ
UNTIMELY	ADJ
UPHILL	ADJ
UPRIGHT	ADJ
UPSTAIRS	ADV
URBANE	ADJ
VASSAL	NOUN
VAST	ADJ
VEAL	NOUN
VEGETABLE	NOUN
VERONAL	NOUN
VERSE	NOUN
VERSUS	ADV
VIAL	NOUN
VICTUAL	VERB
VIE	VERB
VOID	VERB ADJ
VOLPLANE	NOUN
VS	ADV
VULGAR	ADJ
WANE	VERB NOUN
WANTON	NOUN ADJ

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WARM	ADJ
WATERPROOF	VERB ADJ
WEAK	ADJ
WEAL	NOUN
WEAN	VERB
WEB	VERB NOUN
WEE	ADJ
WELLCOME	VERB NOUN ADV ADJ
WESTERN	ADJ
WET	ADJ
WHINE	VERB NOUN
WHINNY	VERB NOUN
WHISKY	NOUN
WHOLE	ADJ
WIDE	ADJ
WIFELY	ADV ADJ
WILD	ADJ
WILY	ADJ
WISE	ADJ
WITHDRAWAL	NOUN
WIVE	VERB
WOLFISH	ADJ
WOOG	VERB
WORKADAY	ADJ
WORSE	ADJ
WORSHIP	VERB NOUN

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WORST	ADV	ADJ
WRINKLY	ADJ	
WRONG	ADJ	
YONDER	ADV	ADJ
YON	ADV	
YORE	ADV	
YOUNG	ADJ	
ZEAL	NOUN	

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Suffix Test 2 Suffixes

A	NOUN	
AB	ADV	VERB
AI	NOUN	
BE	NOUN	
BRA	NOUN	VERB
BU	NOUN	VERB
CA	ADJ	NOUN
CI	ADJ	
CRA	NOUN	
DA	NOUN	ADJ
DAE	NOUN	VERB
DAO	NOUN	VERB
DE	VERB	ADJ
DIA	ADJ	VERB
DIAM	NOUN	
DIO	ADJ	NOUN
DLEI	NOUN	VERB
CLI	NOUN	VERB
DLO	NOUN	VERB
DLR	NOUN	
DN	ADJ	
DNA	NOUN	VERB
DNAL	NOUN	
DNI	NOUN	VERB
DNO	NOUN	VERB
DNCF	ADJ	

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DNCU	NOUN	VERB
DO	NOUN	
DOO	VERB	
DOOF	NOUN	
DOOH	NOUN	
DOOW	NOUN	
DOU	NOUN	VERB
DRA	NOUN	VERB
DRAW	ADV	
DRE	NOUN	
DRI	VERB	
DRIB	NOUN	
DRO	NOUN	VERB
DU	NOUN	VERB
DWE	ADJ	
EBA	NOUN	
EBE	NOUN	
EBU	NOUN	
ECA	NOUN	VERB
ECEE	NOUN	
ECEIP	NOUN	
ECI	NOUN	VERB
ECNA	NOUN	VERB
ECNAI	NOUN	
ECNE	NOUN	
ECNI	NOUN	VERB
ECRA	ADJ	NOUN

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ECU	VERB	
EDA	NOUN	VERB
EDE	NOUN	VERB
EDI	NOUN	VERB
EDC	NOUN	VERB
EDU	VERB	
EDUT	NOUN	
EE	NOUN	
EF	NOUN	
EFA	NOUN	VERB
EGA	NOUN	VERB
EGD	NOUN	VERB
EGE	NOUN	
EGN	NOUN	VERB
EGNA	NOUN	VERB
EGRA	NOUN	VERB
EGU	NOUN	
EHCE	NOUN	
EHT	NOUN	VERB
EI	NOUN	
EK	NOUN	VERB
EKA	NOUN	VERB
EKI	NOUN	VERB
EKIL	ADJ	
ELBA	ADJ	NOUN
ELBI	ADJ	

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ELBCU	NOUN	VERB
ELBU	ADJ	
ELC	NOUN	
ELI	ADJ	NOUN
ELLI	NOUN	
ELC	NOUN	VERB
ELP	NOUN	VERB
ELPU	ADJ	
ELT	NOUN	VERB
ELU	NOUN	
ELY	NOUN	
EMA	NOUN	VERB
EME	NOUN	VERB
EMIL	NOUN	
EMIT	NOUN	
EMO	NOUN	VERB
EMOS	ADJ	
EMOSO	NOUN	
EMU	NOUN	VERB
ENA	NOUN	
ENAD	ADJ	
ENG	NOUN	
ENI	ADJ	NOUN
ENIHS	NOUN	VERB
ENIM	NOUN	VERB
ENNE	NOUN	
ENG	NOUN	VERB

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ENOG	ADJ	NOUN
ENOHP		NOUN
ENOTS		NOUN
ENU	NOUN	VERB
EC	NOUN	VERB
EPA	NOUN	VERB
EPO	NOUN	VERB
EPOCS		NOUN
EPYT		NOUN
ERA	NOUN	VERB
ERC		NOUN
ERG	NOUN	ADJ
ERI	NOUN	VERB
ERIA		NOUN
ERO	NOUN	VERB
ERT		NOUN
ERU	NOUN	VERB
ERY		NOUN
ESA	NOUN	VERB
ESE	NOUN	ADJ
ESI	NOUN	VERB
ESIA	NOUN	VERB
ESIW	ADJ	VERB
ESNE	NOUN	VERB
ESO	ADJ	NOUN
ESOP		VERB

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ESP	NOUN	VERB
ESRA	VERB	ADJ
ESRE	NOUN	VERB
ESRU	NOUN	VERB
ESS	NOUN	
ESU	NOUN	VERB
ESUOH	NOUN	
ETA	VERB	NOUN
ETI	NOUN	VERB
ETO	NOUN	VERB
ETSA	NOUN	VERB
ETT	NOUN	
ETU	NOUN	VERB
ETULO	ADJ	
EU	NOUN	VERB
EUQ	NOUN	
EUQSE	ADJ	
EV	VERB	NOUN
EVA	NOUN	VERB
EVE	NOUN	VERB
EVI	ADJ	NOUN
EVIEC	VERB	
EVIR	VERB	
EVRA	VERB	
EY	NOUN	VERB
EZ	NOUN	VERB
EZI	VERB	

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F	NOUN	VERB
FI	NOUN	
FO	NOUN	
G	NOUN	VERB
GNI	NOUN	VERB
GNOL	ADJ	ADV
H	NOUN	VERB
HA	NOUN	
HC	NOUN	VERB
HCUM	ADJ	VERB
HG	NOUN	VERB
HSI	ADJ	VERB
HSIF	NOUN	
HT	NOUN	
HTEI	ADJ	
HTNE	ADJ	
HTNO	ADJ	
I	NOUN	
IB	NOUN	
IROI	ADJ	VERB
K	NOUN	VERB
KCIS	ADJ	
L	NOUN	VERB
LA	ADJ	
LAA	NOUN	
LABM	NOUN	

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RAL	ADJ	NOUN
RAL	NCUN	ADJ
RALU	ADJ	
RAN	ADJ	NOUN
RE	NOUN	VERB
RER	NOUN	
RETEM	NOUN	
RETS	NOUN	
REZI	NOUN	
RO	NOUN	ADJ
S	NOUN	VERB
SCI	NCUN	
SE	NOUN	
SIS	NOUN	
SITI	NOUN	
SSEL	ADJ	
SSEN	NOUN	
SSERT	NCUN	
SSES	VERB	
SU	NOUN	
SUC	ADJ	
T	NOUN	VERB
TCER	VERB	ADJ
TEL	NOUN	
TNA	NOUN	ADJ
TNALP	VERB	
TNE	ADJ	NOUN

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LADNA	NOUN	
LE	NOUN	VERB
LI	NOUN	VERB
LUF	ADJ	
MITA	ADJ	VERB
MCD	NOUN	
MRCFI	ADJ	
MSA	NOUN	
MSI	NOUN	
MU	NOUN	
N	NOUN	VERB
NA	ADJ	NOUN
NAM	NOUN	
NE	ADJ	NOUN
NEET	ADJ	
NEM	NOUN	
NIK	NOUN	
NIL	NOUN	
NOI	NOUN	
NOITA	NOUN	
NROB	ADJ	
NRCL	ADJ	
O	NOUN	
PIHS	NOUN	
R	NOUN	VERB
RAENI	ADJ	

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TNECS	ADJ	
TNEL	ADJ	
TNEM	NOUN	
TNES	VERB	
TSI	NOUN	
TSIXE	VERB	
TSOM	VERB	
U	NOUN	
W	NOUN	VERB
X	NOUN	VERB
Y	ADJ	NOUN
YAW	NOUN	
YC	NOUN	
YE	NOUN	
YFE	VERB	
YFI	VERB	
YGO	NOUN	
YHP	NOUN	
YHPA	NOUN	
YHS	ADJ	
YHT	ADJ	
YK	ADJ	
YL	ADJ	ADV
YLBA	ADV	
YLBB	ADJ	
YLBI	ADV	
YLCE	ADV	

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YLCI	ADV	
YLE	ADV	
YLGNI	ADV	
YLHS	ADV	
YLI	ADV	
YLK	ADV	
YLLA	ADV	
YLLUF	ADV	
YLS	ADV	
YLSSE	ADV	
YLSUO	ADV	
YLTNA	ADV	
YLTNE	ADV	
YMO	NOUN	
YPUCC	VERB	
YRA	ADJ	NOUN
YRE	ADJ	NOUN
YRC	ADJ	NOUN
YRREB	NOUN	
YRRU	ADJ	VERB
YRTA	NOUN	
YRTE	NOUN	
YTI	NOUN	
YTI	NOUN	
YTLA	NOUN	
YW	ADJ	
Z	NOUN	VERB

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Triad Frames

ADJ -- ADJ
NOUN
ADV
ADJ
VERB

ADJ -- VERB
ADV
NOUN

ADJ -- AXV
ADV
NOUN

ADJ -- CONJC
NOUN
ADJ
ADV
VERB

ADJ -- PREP
NOUN
ADJ
ADV
VERB

ADJ -- PREPOF
NOUN
VERB

ADJ -- PN S
NOUN

ADJ -- PN RCN
NOUN

ADJ -- V/AXV
NOUN
ADV

ADJ -- TYPE
NOUN
VERB
ADJ
ADV

ADJ -- TYPE
NOUN
VERB
ADV

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ADJ		/ED/	
	NOUN		
	ADV		
ADJ	--	/ING/	
	NCUN		
ADJ	--	--	ADJ
	NCUN	VERB	
	ADJ	NOUN	
ADJ	--	--	ADV
	NCUN	VERB	
	ADJ	NOUN	
	ADV	ADV	
ADJ	--	--	VERB
	ADJ	NOUN	
	ADV	ADV	
ADJ	--	--	ART
	ADJ	NOUN	
	NOUN	VERB	
ADJ	--	--	CONJC
	ADJ	ADJ	
	ADJ	NOUN	
	NOUN	VERB	
	VERB	NOUN	
	VERB	ADJ	
ADJ	--	--	PREP
	NCUN	VERB	
	ADJ	ADJ	
	ADJ	NOUN	
	VERB	NOUN	
ADJ	--	--	PN DEM
	NOUN	VERB	
	ADV	VERB	
	VERB	ADV	
ADJ	--	--	PN RCN
	ADJ	NOUN	
	VERB	NOUN	
	NOUN	VERB	
	ADV	VERB	
	VERB	ADV	

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ADJ	--	--	TYPE
	NCUN	VERB	
ADJ		NOUN	
VERB		NCUN	
ADV		VERB	
VERB		ADV	
NOUN		ADV	

ADJ	--	--	TYPE
	NCUN	VERB	
ADJ		NCUN	
VERB		NOUN	
ADV		VERB	
VERB		ADV	
NOUN		ADV	

ADJ	--	--	--	VERB
	NOUN	ADJ	NOUN	
ADJ		NOUN	ADV	
NOUN		ADV	ADV	
ADJ		ADJ	NOUN	

ADJ	--	--	--	ART
	ADJ	NOUN	VERB	
NOUN		ADV	VERB	
ADV		ADV	VERB	
NOUN		VERB	NOUN	
ADJ		ADJ	NOUN	

ADJ	--	--	--	PREP
	ADJ	NOUN	VERB	
ADJ		ADJ	NOUN	
NOUN		VERB	ADV	
ADV		VERB	NOUN	
ADV		ADV	VERB	
NOUN		VERB	NOUN	

ADJ	--	--	--	TYPE
	ADJ	ADJ	NOUN	
ADJ		NOUN	VERB	
NOUN		VERB	NOUN	
NOUN		VERB	ADV	

ADV	--	ADV	
	NOUN		
	VERB		

ADV	--	NOUN	
	VERB		
	ADJ		

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ADV	--	VERB	
	NCUN		
	ADV		
ADV	--	ART	
	VERB		
	ADV		
	NOUN		
ADV	--	CONJC	
	NCUN		
	ADV		
	ADJ		
	VERB		
ADV	--	PREP	
	VERB		
	NCUN		
	ADV		
ADV	--	PN	
	VERB		
	NOUN		
	ADV		
ADV	--	PN S	
	ADV		
ADV	--	V/AXV	
	ADV		
	NOUN		
ADV	--	* TYPE	
	NOUN		
	ADJ		
	ADV		
	VERB		
ADV	--	* TYPE	
	NOUN		
	VERB		
	ADV		
ADV	--	/ED/	
	NOUN		
ADV	--	/ING/	
	NCUN		
ADV	--	--	VERB
	VERB	NCUN	
	VERB	ADV	
	ADV	VERB	

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ADV	--	--	CONJC
ADJ		NOUN	
ADV		VERB	
ADV		ADV	
NOUN		VERB	
VERB		NOUN	
VERB		ADJ	

ADV	--	--	PREP
ADJ		NOUN	
ADV		VERB	
VERB		NOUN	
NOUN		VERB	

ADV	--	--	• TYPE
ADV		VERB	
ADV		NOUN	
ADJ		NOUN	
NOUN		VERB	

ADV	--	--	--	, TYPE
ADJ		NOUN	VERB	
NOUN		VERB	NOUN	
VERB		ADJ	ADJ	
ADJ		ADJ	NOUN	
ADV		VERB	NOUN	
VERB		ADJ	NOUN	

ADV	--	--	--	• TYPE
NOUN		VERB	NOUN	
VERB		ADJ	NOUN	
ADV		VERB	NOUN	
VERB		NOUN	ADV	
ADJ		ADJ	NOUN	
ADV		NOUN	VERB	

NOUN	--	ADJ
VERB		
ADJ		
ADV		

NOUN	--	ADV
ADV		
VERB		
NOUN		

NOUN	--	NOUN
VERB		
ADJ		

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NOUN	--	VERB
NOUN		
ADV		
NOUN	--	AXV
VERB		
NOUN		
ADV		
NCUN	--	ART
VERB		
ADV		
NCUN	--	CONJC
VERB		
ADJ		
ADV		
NOUN	--	PREP
VERB		
ADV		
NOUN		
NCUN	--	PREPOF
NOUN		
VERB		
NCUN	--	PN
VERB		
NOUN		
NCUN	--	, TYPE
VERB		
ADV		
ADV		
NOUN		
NCUN	--	. TYPE
VERB		
NOUN		
ADV		
NOUN	--	/ED/
ADV		
NOUN		
NCUN	--	/ING/
ADV		
VERB		

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NOUN	--	--	• TYPE
VERB		NOUN	
VERB		ADV	
ADV		VERB	
NOUN		ADV	
VERB	--	NOUN	
		ADJ	
VERB	--	VERB	
		ADV	
		NOUN	
VERB	--	ART	
		VERB	
		ADV	
VERB	--	CONJC	
		ADV	
		NOUN	
		ADJ	
VERB	--	CONJR2	
		NOUN	
		ADV	
VERB	--	PREP	
		NOUN	
		ADV	
VERB	--	PN	
		NOUN	
		ADV	
VERB	--	PN DEM	
		NOUN	
VERB	--	PN REL	
		ADV	
		ADJ	
		NOUN	
VERB	--	• TYPE	
		ADV	
		VERB	
		ADJ	
		NOUN	
VERB	--	• TYPE	
		NOUN	
		ADV	

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VERB	--	/ED/		
	NOUN			
	ADV			
VERB	--	/ING/		
	ADV			
	NOUN			
VERB	--	--	NOUN	
	NOUN	VERB		
	ADV	ADJ		
	ADJ	ADJ		
VERB	--	--	VERB	
	ADV	NOUN		
	ADJ	NOUN		
VERB	--	--	PREP	
	NOUN	VERB		
	ADJ	NOUN		
	NOUN	ADV		
	NOUN	NOUN		
VERB	--	--	PN RCN	
	NOUN	ADV		
	ADJ	NOUN		
	ADV	NOUN		
VERB	--	--	• TYPE	
	ADV	NOUN		
	ADJ	NOUN		
	NOUN	ADV		
	ADJ	ADJ		
VERB	--	--	--	ADJ
	ADJ	ADJ	NOUN	
	ADJ	NOUN	ADV	
	NOUN	VERB	ADJ	
	ADJ	NOUN	VERB	
VERB	--	--	--	• TYPE
	ADJ	NOUN	ADV	
	ADV	ADJ	NOUN	
	ADJ	ADJ	NOUN	
VERBIS	--	ADJ		
	NOUN			
	ADV.			
VERBIS	--	ADV		
	ADV			
	NOUN			

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VERBIS -- NCUN
ADJ
ADV

VERBIS -- ART
ADV
VERB

VERBIS -- CONJRO
NCUN
ADJ

VERBIS -- CONJR2
NOUN

VERBIS -- PREP
NOUN
ADV

VERBIS -- , TYPE
NOUN
ADJ
ADV

VERBIS -- . TYPE
NCUN
ADV

VERBIS -- /ING/
ADV
NOUN

VERBIS -- -- NOUN
ADV
ADV
ADJ
NONE

VERBIS -- -- ART
ADV
ADJ
NOUN

VERBIS -- -- CONJRO
ADJ
ADJ
ADV
NOUN
ADV

VERBIS -- -- CONJR2
ADJ
ADV
NOUN
NOUN
ADV

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VERBIS -- -- PREP
ADJ NOUN
ADV NOUN
NOUN ADJ

VERBIS -- -- PN RCN
ADJ NOUN
ADV VERB
VERB ADV
ADV NOUN
NOUN ADV

VERBIS -- -- , TYPE
ADV NOUN
ADJ NCUN
NCUN ADV
ADJ ADJ
ADV ADV
ADV ADJ

VERBIS -- -- . TYPE
ADJ NOUN
NOUN VERB
NOUN ADV

VERBIS -- -- -- AXV
ADJ ADJ NOUN
ADV ADV NOUN

VERBIS -- -- -- PN
NOUN ADV ADJ
NCUN ADV ADV
ADJ NCUN NOUN

VERBIS -- -- -- . TYPE
ADV ADJ NOUN
ADJ ADJ NOUN

AXV -- ADJ
VERB

AXV -- NCUN
VERB

AXV -- VERBIS
ADV

AXV -- ART
VERB

AXV -- CONJC
VERB
ADV

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AXV	--	PREP
VERB		
AXV	--	PN
VERB		
AXV	--	/ED/
VERB		
AXV	--	/ING/
VERB		
AXV	--	CONJC
VERB	NOUN	
VERB	ADV	
VERB	ADJ	
	NONE	
AXV	--	PN
VERB	ADV	
VERB	NCUN	
ADV	VERB	
AXV	--	TYPE
ADV	VERB	
VERB	ADJ	
VERB	NOUN	
AXV	--	ADJ
ADV	VERB	NOUN
VERB	NOUN	ADJ
VERB	ADJ	NOUN
VERB	ADJ	ADJ
ADV	VERB	ADJ
AXV	--	TYPE
ADV	VERB	NOUN
VERB	NOUN	ADV
VERB	ADJ	NOUN
VERB	NOUN	NOUN
ART	--	ADJ
	NOUN	
	ADJ	
ART	--	ADV
	NCUN	
ART	--	NOUN
	ADJ	
ART	--	VERB
	NOUN	

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ART	--	VERBIS
	NOUN	
ART	--	AXV
	NOUN	
ART	--	ART
	NOUN	
ART	--	CONJC
	NOUN	
	ADJ	
ART	--	CCNJR2
	NOUN	
ART	--	PREP
	NOUN	
ART	--	PN
	NOUN	
ART	--	V/AXV
	NOUN	
ART	--	, TYPE
	NOUN	
	ADJ	
ART	--	. TYPE
	NOUN	
ART	--	/ED/
	NOUN	
ART	--	/ING/
	NOUN	
ART	--	--
	ADJ	NOUN
	NOUN	VERB
	NOUN	ADJ
ART	--	--
	ADJ	ADV
	NOUN	
	VERB	
ART	--	--
	NOUN	NOUN
	ADJ	ADJ
	NOUN	ADJ

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ART	--	--	VERB
	ADJ	NOUN	
	NOUN	ADV	
ART	--	--	AXV
	ADJ	NOUN	
	NOUN	ADV	
ART	--	--	ART
	ADJ	NOUN	
	NOUN	VERB	
ART	--	--	CONJRO
	ADJ	NOUN	
	NOUN	VERB	
	NOUN	ADV	
	ADJ	ADJ	
	NOUN	ADJ	
ART	--	--	CONJR2
	ADJ	NOUN	
	NOUN	VERB	
	NOUN	ADV	
ART	--	--	PREP
	ADJ	NOUN	
	NOUN	VERB	
	NOUN	ADV	
ART	--	--	PN S
	ADJ	NOUN	
ART	--	--	PN O
	ADJ	NOUN	
	NOUN	VERB	
	NONE		
ART	--	--	PN-S/O
	NOUN	VERB	
	ADJ	NOUN	
ART	--	--	PN POS
	ADJ	NOUN	
	NOUN	VERB	
ART	--	--	PN DEM
	NOUN	VERB	
	ADJ	NOUN	
ART	--	--	PN REL
	ADJ	NOUN	
	NOUN	VERB	
	NOUN	ADV	

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ART	--	--	PN IND
	ADJ	NOUN	NOUN VERB
ART	--	--	PN RCN
	ADJ	NOUN	NOUN VERB
	NOUN		ADV
ART	--	--	V/AXV
	ADJ	NOUN	NOUN ADV
ART	--	--	. TYPE
	ADJ	NOUN	NOUN VERB
	NOUN		ADV
	ADJ	ADJ	
ART	--	--	. TYPE
	ADJ	NOUN	NOUN VERB
	NOUN		ADV
ART	--	--	/ED/
	ADJ	NOUN	
ART	--	--	/ING/
	ADV	ADJ	
	NOUN	NOUN	
ART	--	--	ADJ
	ADJ	NOUN	VERB
	NOUN	VERB	NOUN
	NOUN	VERB	ADJ
	ADJ	ADV	VERB
	ADJ	ADJ	NOUN
ART	--	--	ADV
	ADJ	NOUN	VERB
	ADJ	ADJ	NOUN
	NOUN	ADV	VERB
ART	--	--	VERB
	ADJ	ADJ	NOUN
	ADJ	ADJ	VERB
ART	--	--	ART
	ADJ	NOUN	VERB
	ADJ	ADJ	NOUN
	NOUN	ADV	VERB

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ART	--	--	--	CONJC
ADJ	ADJ	NOUN		
ADJ	NCUN	VERB		
NOUN	VERB	NOUN		
NOUN	ADV	VERB		
NOUN	VERB	ADV		
ART	--	--	--	PREP
	NOUN	VERB	NOUN	
	ADJ	NOUN	VERB	
	ADJ	ADJ	NOUN	
ART	--	--	--	PN
	NOUN	VERB	NOUN	
	ADJ	NOUN	VERB	
	ADJ	ADJ	NOUN	
ART	--	--	--	TYPE
	ADJ	ADJ	NOUN	
	NOUN	VERB	NOUN	
	ADJ	NOUN	VERB	
	NOUN	VERB	ADV	
	ADJ	ADJ	ADJ	
	ADJ	ADV	VERB	
ART	--	--	--	TYPE
	ADJ	ADJ	NOUN	
	NOUN	VERB	NOUN	
	ADJ	NCUN	VERB	
	ADJ	VERB	ADV	
	ADJ	NOUN	NOUN	
	NOUN	ADV	VERB	
CONJC	--	ADV		
	NOUN			
	VERB			
	ADJ			
CONJC	--	VERB		
	NOUN			
CONJC	--	ART		
	NOUN			
	ADV			
	VERB			
CONJC	--	PREP		
	NOUN			
	VERB			
	ADV			
CONJC	--	PN		
	VERB			
	NOUN			
	ADV			

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CCNJC	--	V/AXV
	NOUN	
	VERB	
	ADV	
CONJC	--	, TYPE
	ADJ	
	NOUN	
	ADV	
	VERB	
CONJC	--	. TYPE
	NOUN	
	ADV	
	VERB	
CONJC	--	/ED/
	NOUN	
	ADV	
CONJC	--	/ING/
	ADV	
	VERB	
	NOUN	
CONJC	--	-- ADV
	NOUN	VERB
	ADJ	NOUN
CONJC	--	-- VERB
	NOUN	NOUN
	ADJ	NOUN
	NOUN	ADV
	ADV	NOUN
CCNJC	--	-- AXV
	NOUN	VERB
	ADJ	NOUN
	NOUN	ADV
	ADV	NOUN
CONJC	--	-- CONJC
	ADJ	NOUN
	NOUN	VERB
	NOUN	NOUN
	ADJ	ADJ
CONJC	--	-- PREP
	VERB	NOUN
	NOUN	VERB
	ADJ	NOUN
	NOUN	ADV

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CONJC	--	--	PREPOF
	VERB	NCUN	
	ADJ	NCUN	

CONJC	--	--	PN
	ADJ	NCUN	
	NOUN	VERB	
	ADV	NCUN	
	ADV	VERB	
	VERB	ADV	

CONJC	--	--	V/AXV
	ADJ	NCUN	
	NOUN	NCUN	
	NOUN	VERB	
	ADV	NCUN	

CONJC	--	--	, TYPE
	ADJ	ADJ	
	ADJ	NOUN	
	ADV	NCUN	
	NOUN	VERB	
	ADV	VERB	

CONJC	--	--	. TYPE
	ADJ	NCUN	
	NOUN	VERB	
	ADV	NCUN	
	NCUN	ADV	

CONJC	--	--	--	ADJ
	NOUN	VERB		ADJ
	NCUN	ADV		VERB
	ADJ	NOUN		VERB
	ADV	NCUN		VERB
	VERB	NOUN		VERB
	ADV	NCUN		VERB

CONJC	--	--	--	PREP
	VERB	ADJ	NOUN	
	NOUN	VERB	NOUN	
	NCUN	ADV	VERB	
	ADV	VERB	NCUN	
	ADV	NOUN	VERB	
	ADJ	ADJ	NOUN	

CONJRC	--	CONJR2
	NOUN	
	VERB	
	ADV	

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CONJR2	--	CONJJC	
	ADJ		
	ADV		
	NOUN		
CONJR2	--	CONJR2	
	NCUN		
	ADV		
CONJR2	--	, TYPE	
	NCUN		
CONJR2	--	/ED/	
	NOUN		
CONJR2	--	/ING/	
	NOUN		
CONJR2	--	--	ADV
	NOUN	VERB	
	ADJ	NOUN	
CONJR2	--	--	PN
	ADJ	NOUN	
	NCUN	VERB	
	VERB	ADV	
	ADV	VERB	
CONJR2	--	--	. TYPE.
	NOUN	VERB	
	ADJ	NOUN	
CONJR2	--	--	-- ADJ
	NOUN	VERB	ADJ
	NOUN	ADV	VERB
	ADJ	NOUN	VERB
	ADV	NUUN	VERB
CONJR2	--	--	-- PREP
	NCUN	VERB	NOUN
	NOUN	ADV	VERB
	ADV	NOUN	VERB
	ADJ	ADJ	VERB
PREP	--	ADJ	
	NOUN		
	ADJ		
PREP	--	ADV	
	VERB		

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PREP	--	VERB
	NCUN	
	ADJ	
PREP	--	ART
	NOUN	
PREP	--	CONJC
	NCUN	
	ADJ	
	ADV	
PREP	--	PREP
	VERB	
PREP	--	PN
	NOUN	
PREP	--	, TYPE
	NCUN	
	ADV	
PREP	--	. TYPE
	NOUN.	
PREP	--	/ED/
	NOUN	
	ADV	
PREP	--	/ING/
	NOUN	
PREP	--	ADJ
	ADJ	ADJ
	VERB	ADJ
PREP	--	ADJ
	NCUN	ADV
PREP	--	ADJ
	NCUN	VERB
	ADV	
PREP	--	AXV
	ADJ	NCUN
	NOUN	ADV
PREP	--	ART
	ADJ	NCUN
	NOUN	NOUN
	NONE	

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PREP	--	--	CONJC
	ADJ	ADJ	
	ADJ	NCUN	
	NCUN	ADV	
PREP	--	--	PREP
	ADJ	NCUN	
	NOUN	VERB	
PREP	--	--	PN
	ADJ	NCUN	
	NOUN	VERB	
PREP	--	--	V/AXV
	ADJ	NCUN	
	NCUN	ADV	
PREP	--	--	, TYPE
	ADJ	NCUN	
	NCUN	ADV	
	ADJ	ADJ	
PREP	--	--	- TYPE
	ADJ	NCUN	
	NOUN	ADV	
PREP	--	--	-- VERB
	ADJ	NCUN	
	ADV	NCUN	
		NOUN	NOUN
PREP	--	--	-- ART
	NOUN	ADV	
	ADJ	NCUN	
	ADJ	ADJ	
PREP	--	--	-- CONJC
	ADJ	ADJ	
	ADV	ADJ	
	NOUN	VERB	
	ADV	ADJ	
PREP	--	--	-- CONJR2
	ADJ	ADJ	
	NOUN	VERB	
	ADJ	NCUN	
PREP	--	--	-- PREP
	ADJ	ADJ	
	ADJ	NCUN	
	NCUN	VERB	
	ADJ	NCUN	

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VERB	--	/ED/	
	NOUN		
	ADV		
VERB	--	/ING/	
	ADV		
	NOUN		
VERB	--	--	NOUN
	NOUN	VERB	
	ADV	ADJ	
	ADJ	ADJ	
VERB	--	--	VERB
	ADV	NOUN	
	ADJ	NOUN	
VERB	--	--	PREP
	NOUN	VERB	
	ADJ	NOUN	
	NOUN	ADV	
	NOUN	NOUN	
VERB	--	--	PN RCN
	NOUN	ADV	
	ADJ	NOUN	
	ADV	NOUN	
VERP	--	--	• TYPE
	ADV	NOUN	
	ADJ	NOUN	
	NOUN	VERB	
	ADJ	NOUN	
VERB	--	--	-- ADJ
	ADJ	ADJ	NOUN
	ADJ	NOUN	ADV
	NOUN	VERB	ADJ
	ADJ	NOUN	VERB
VERB	--	--	-- • TYPE
	ADJ	NOUN	ADV
	ADV	ADJ	NOUN
	ADJ	ADJ	NOUN
VERBIS	--	ADJ	
	NOUN		
	ADV.		
VERBIS	--	ADV	
	ADV		
	NOUN		

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NOUN	--	--	TYPE
VERB		NCUN	
VERB		ADV	
ADV		VERB	
NOUN		ADV	
VERB	--	NOUN	
	NOUN		
	ADJ		
VERB	--	VERB	
	ADV		
	NOUN		
VERB	--	ART	
	VERB		
	ADV		
VERB	--	CONJC	
	ADV		
	NOUN		
	ADJ		
VERB	--	CONJR2	
	NOUN		
	ADV		
VERB	--	PREP	
	NOUN		
	ADV		
VERB	--	PN	
	NOUN		
	ADV		
VERB	--	PN DEM	
	NOUN		
VERB	--	PN REL	
	ADV		
	ADJ		
	NOUN		
VERB	--	TYPE	
	ADV		
	VERB		
	ADJ		
	NOUN		
VERB	--	TYPE	
	NOUN		
	ADV		

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PREP	--	--	--	V/AXV
	ADJ	ADJ	NOUN	
	NOUN	VERB	NCUN	
	ADJ	NOUN	ADV	
PREP	--	--	--	, TYPE
	ADJ	ADJ	NOUN	
	NCUN	ADJ	VERB	
	NOUN	VERB	NOUN	
	ADJ	NOUN	VERB	
PREP	--	--	--	. TYPE
	ADJ	ADJ	NOUN	
	ADJ	NOUN	VERB	
	NOUN	VERB	NOUN	
	NOUN	VERB	ADV	
PREP 1	--	ADV		
	VERB			
	NOUN			
PREP 1	--	VERB		
	NCUN			
	VERB			
PREP 1	--	ART		
	VERB			
	NCUN			
PREP 1	--	PREP		
	VERB			
	NOUN			
PREP 1	--	PN		
	NCUN			
	VERB			
PREP 1	--	, TYPE		
	NOUN			
	ADV			
	VERB			
PREP 1	--	. TYPE		
	NOUN			
	VERB			
PREP 1	--	--	ADJ	
	ADV	VERB		
	VERB	NCUN		
	ADJ	ADJ		

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PREP 1	--	--	ADV
	VERB	NCUN	
PREP 1	--	--	VERB
	NOUN	VERB	
	ADJ	NCUN	
	VERB	ADV	
PREP. 1	--	--	AXV
	ADJ	NOUN	
	NOUN	ADV	
	VERB	NCUN	
	VERB	ADV	
PREP 1	--	--	ART
	ADJ	NCUN	
	NOUN	NCUN	
	VERB	NCUN	
	VERB	ADV	
	ADV	VERB	
PREP 1	--	--	CONJC
	VERB	NCUN	
	ADJ	ADJ	
	ADJ	NCUN	
	NOUN	ADV	
	VERB	ADV	
PREP 1	--	--	PREP
	ADJ	NCUN	
	VERB	NCUN	
	ADV	VERB	
	VERB	ADV	
PREP 1	--	--	PN
	ADJ	NCUN	
	VERB	NCUN	
PREP 1	--	--	V/AXV
	ADJ	NCUN	
	NOUN	ADV	
	VERB	NCUN	
	VERB	ADV	
PREP 1	--	--	, TYPE
	ADJ	NCUN	
	VERB	NOUN	
	VERB	ADV	
	NCUN	ADV	
	ADJ	ADJ	

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NOUN	--	--	• TYPE
VERB		NCUN	
VERB		ADV	
ADV		VERB	
NOUN		ADV	
VERB	--	NCUN	
	NOUN		
	ADJ		
VERB	--	VERB	
	ADV		
	NOUN		
VERB	--	ART	
	VERB		
	ADV		
VERB	--	CONJC	
	ADV		
	NOUN		
	ADJ		
VERB	--	CONJR2	
	NOUN		
	ADV		
VERB	--	PREP	
	NOUN		
	ADV		
VERB	--	PN	
	NOUN		
	ADV		
VERB	--	PN DEM	
	NOUN		
VERB	--	PN REL	
	ADV		
	ADJ		
	NOUN		
VERB	--	, TYPE	
	ADV		
	VERB		
	ADJ		
	NOUN		
VERB	--	. TYPE	
	NOUN		
	ADV		

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PN S	--	V/AXV	
	VERB		
	ADJ		
PN S	--	, TYPE	
	VERB		
PN S	--	. TYPE	
	VERB		
PN S	--	/ED/	
	VERB		
	ADV		
PN S	--	/ING/	
	VERB		
PN S	--	--	ADV
	VERB	NCUN	
	ADV	VERB	
PN S	--	--	PN
	ADV	VERB	
	VERB	NOUN	
PN S	--	--	PN S
	ADV	VERB	
PN S	--	--	, TYPE
	VERB	NOUN	
	VERB	ADJ	
	ADV	VERB	
	VERB	ADV	
PN S	--	--	. TYPE
	VERB	NOUN	
	VERB	ADV	
	ADV	VERB	
PN S	--	--	CONJR2
	VERB	ADJ	NOUN
	ADV	VERB	NUUN
	ADV	VERB	ADV
	VERB	NOUN	ADV
PN S	--	--	PREP
	VERB	NCUN	ADV
	VERB	ADJ	NOUN
	ADV	VERB	NOUN
	VERB	ADJ	NCUN

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PN O	--	/ED/	
	VERB		
	ADV		
PN O	--	/ING/	
	VERB		
PN O	--	--	CONJR2
	VERB	ADJ	NOUN
	NONE		
PN O	--	--	PREP
	VERB	ADJ	NOUN
	VERB	NCUN	ADV
	ADV	VERB	NOUN
	ADJ	ADJ	NOUN
PN-S/O	--	ADJ	
	VERB		
	ADJ		
PN-S/O	--	ADV	
	NOUN		
	VERB		
PN-S/O	--	ART	
	VERB		
	NOUN		
PN-S/O	--	/ED/	
	VERB		
	ADV		
PN-S/O	--	/ING/	
	VERB		
PN-S/O	--	--	AXV
	VERB	NCUN	
	ADJ	NCUN	
	VERB	NUUN	
PN-S/O	--	--	PREP
	VERB	NOUN	
	VERB	ADV	
	ADV	VERB	
	ADJ	VERB	
PN-S/O	--	--	PN RCN
	VERB	NOUN	
	ADV	VERB	

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PN-S/C	--	--	--	CONJR2
	VERB	ADJ	NOUN	
	ADV	VERB	NOUN	
	ADV	VERB	ADV	
	VERB	NCUN	ADV	
	ADJ	ADJ	VERB	
	ADJ	NOUN	ADV	
PN POS	--	ADJ		
	ADJ			
	NOUN			
PN POS	--	ADV		
	NOUN			
PN POS	--	CONJR2		
	NOUN			
	ADV			
	VERB			
PN POS	--	PN		
	VERB			
	NOUN			
PN POS	--	V/AXV		
	NOUN			
PN POS	--	/ED/		
	NOUN			
	ADV			
PN POS	--	--	CONJC	
	ADJ	ADJ		
	ADJ	NCUN		
	NCUN	NOUN		
	NOUN	VERB		
	NOUN	ADV		
PN POS	--	--	PREP	
	ADJ	NOUN		
	NCUN	VERB		
	NONE			
PN POS	--	--	, TYPE	
	ADJ	NOUN		
	NOUN	NCUN		
	ADJ	ADJ		
	NCUN	VERB		
PN POS	--	--	--	AXV
	ADJ	ADJ	NOUN	
	ADV	ADJ	NOUN	
	NOUN	ADJ	VERB	

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PN POS	--	--	--	PREP
ADJ	NCUN	ADV		
NCUN	VERB	NOUN		
NCUN	VERB	NOUN		
NOUN	VERB	ADV		
ADJ	NCUN	VERB		

PN POS	--	--	--	V/AXV
ADJ	ADJ	NOUN		
ADJ	NCUN	VERB		
ADJ	NOUN	ADV		

PN DEM	--	ADV		
	NCUN			
	VERB			

PN DEM	--	/ED/		
	ADV			
	NOUN			

PN DEM	--	--	ART	
	VERB	NCUN		
	ADJ	NCUN		
	NOUN	VERB		
	ADV	VERB		

PN DEM	--	--	--	VERB
	NOUN	ADJ	NCUN	
	ADJ	NCUN	ADV	
	ADJ	ADJ	NOUN	
	ADJ	NCUN	VERB	

PN DEM	--	--	--	PREP
	NOUN	VERB	NOUN	
	ADJ	NOUN	VERB	
	VERB	ADJ	NOUN	
	ADJ	ADJ	NOUN	
	NCUN	ADV	VERB	
	ADJ	NOUN	VERB	

PN REL	--	/ED/		
	NCUN			
	VERB			
	ADV			

PN REL	--	--	CONJC	
	NOUN	VERB		
	ADJ	NCUN		
	NOUN	NOUN		
	VERB	NCUN		

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PN REL	--	--	PREP
	NCUN	VERB	
	VERB	NOUN	
	ADJ	NOUN	
PN IND	--	/ED/	
	NCUN		
	VERB		
	ADV		
PN RCN	--	ART	
	NOUN		
	VERB		
PN RCN	--	PREP	
	NOUN		
	VERB		
PN RCN	--	--	VERBIS
	VERB	NOUN	
	ADJ	VERB	
PN RCN	--	--	PN RCN
	NOUN	VERB	
	ADJ	NOUN	
	ADV	VERB	
PN RCN	--	--	/ED/
	VERB	NOUN	
		ADV	
		NONE	
V/AXV	--	NOUN	
	VERB		
	ADJ		
	ADV		
V/AXV	--	CONJC	
	NOUN		
	VERB		
V/AXV	--	CONJRO	
	VERB		
	NCUN		
	ADV		
	ADJ		
V/AXV	--	CONJR2	
	VERB		
	NOUN		
	ADV		

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V/AXV	--	PREP
	NCUN	
	VERB	
V/AXV	--	PN
	VERB	
	NCUN	
	ADV	
V/AXV	--	, TYPE
	ADV	
	VERB	
	ADJ	
	NOUN	
V/AXV	--	- TYPE
	NCUN	
	ADV	
	VERB	
V/AXV	--	/ED/
	NOUN	
V/AXV	--	/ING/
	ADJ	
	NOUN	
V/AXV	--	-- VERBIS
	ADJ	NCUN
	VERB	NOUN
	ADV	VERB
	ADJ	ADJ
V/AXV	--	-- CONJC
	VERB	NCUN
	VERB	ADV
	VERB	ADJ
	NCUN	VERB
	ADJ	NOUN
	NONE	
V/AXV	--	-- PREP
	VERB	NCUN
	NCUN	VERB
	ADJ	NOUN
	NCUN	ADV
	NCUN	NOUN
	NONE	

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V/AXV	--	--	PN
VERB	NCUN		
ADV	VERB		
NCUN	ADV		
ADV	NCUN		
ADJ	NCUN		

V/AXV	--	--	PN RCN
VERB	NCUN		
ADV	VERB		
NCUN	ADV		
ADV	NOUN		
ADJ	NCUN		

V/AXV	--	--	• TYPE
VERB	NCUN		
ADJ	NCUN		
VERB	ADV		
NOUN	ADV		
ADV	VERB		

V/AXV	--	--	--	ADJ
ADJ	NCUN	VERB		
NCUN	VERB	NOUN		
ADV	VERB	NOUN		
ADJ	NCUN	ADV		
ADJ	ADJ	NOUN		
NONE				

V/AXV	--	--	--	• TYPE
ADJ	NOUN	VERB		
VERB	NCUN	ADV		
VERB	ADJ	NOUN		
VERB	NOUN	NOUN		
NOUN	VERB	NOUN		
NOUN	VERB	ADV		

, TYPE	--	ADJ	
VERB			
NCUN			
ADV			

, TYPE	--	ADV	
VERB			
NOUN			

, TYPE	--	VERBIS	
NOUN			

, TYPE	--	ART	
VERB			
NOUN			
ADV			

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,	TYPE	--	PREP		
		VERB			
		NCUN			
,	TYPE	--	PN		
		VERB			
		NCUN			
		ADV			
,	TYPE	--	,	TYPE	
		NCUN			
		ADJ			
		VERB			
		ADV			
,	TYPE	--	.	TYPE	
		ADV			
,	TYPE	--	/ED/		
		NOUN			
,	TYPE	--	/ING/		
		ADJ			
		NOUN			
,	TYPE	--	--	PREP	
		VERB	NCUN		
		NCUN	VERB		
		ADJ	NCUN		
,	TYPE	--	--	PN	
		NCUN	VERB		
		ADJ	NCUN		
		ADV	VERB		
		VERB	NCUN		
,	TYPE	--	--	PN POS	
		NOUN	VERB		
		VERB	NCUN		
,	TYPE	--	--	,	TYPE
		ADJ	NCUN		
		NOUN	VERB		
		VERB	ADV		
.	TYPE	--	ADV		
		NCUN			
.	TYPE	--	VERB		
		NCUN			

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- TYPE -- VERBIS
NOUN
- TYPE -- AXV
NCUN
- TYPE -- ART
ADV
NOUN
- TYPE -- CONJC
NOUN
ADJ
- TYPE -- PREP
VERB
NOUN
- TYPE -- V/AXV
NOUN
- TYPE -- , TYPE
NCUN
ADV
- TYPE -- . TYPE
NOUN
VERB
- TYPE -- /ED/
NOUN
- TYPE -- /ING/
ADJ
NOUN
- TYPE -- -- ADJ
NOUN
VERB
- TYPE -- -- VERB
NOUN
ADV
ADJ
NCUN
ADV
- TYPE -- -- AXV
ADJ
ADV
NCUN
ADV
- TYPE -- -- PREP
NOUN
VERB
NCUN
ADV
NOUN

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• TYPE	--	--	PN
	NCUN	VERB	
	ADJ	NCUN	
• TYPE	--	--	V/AXV
	ADJ	NOUN	
	ADV	NCUN	
	NCUN	ADV	
• TYPE	--	--	, TYPE
	VERB	NCUN	
	ADJ	NCUN	
	ADJ	ADJ	
• TYPE	--	--	/ED/
	ADJ	ADV	
	NONE		
• TYPE	--	--	PREP
	ADJ	NCUN	VERB
	ADV	ADJ	NOUN
	ADJ	ADJ	NOUN
	NCUN	ADV	VERB
	NOUN	VERB	ADV
• TYPE	--	--	--
	NCUN	VERB	NOUN
	ADJ	NCUN	VERB
	NCUN	VERB	ADV
	ADV	NOUN	VERB
/ED/	--	ADJ	
	ADJ		
	ADV		
/ED/	--	ADV	
	NOUN		
/ED/	--	NOUN	
	NOUN		
/ED/	--	VERB	
	NCUN		
	ADV		
/ED/	--	AXV	
	NCUN		
	ADV		
/ED/	--	ART	
	NCUN		
	ADV		

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/EC/	--	CONJC
	NCUN	
	ADV	
	ADJ	
/ED/	--	CONJR2
	NCUN	
	ADV	
/ED/	--	PREP
	NCUN	
	ADV	
/ED/	--	PN
	NCUN	
	ADV	
/ED/	--	V/AXV
	NCUN	
	ADV	
/ED/	--	, TYPE
	NOUN	
	ADJ	
	ADV	
/ED/	--	. TYPE
	NOUN	
	ADV	
/ED/	--	/ING/
	ADJ	
	NCUN	
/ING/	--	ADJ
	NOUN	
	ADJ	
/ING/	--	ADV
	NCUN	
/ING/	--	NCUN
	ADJ	
	ADV	
	NCUN	
/ING/	--	VERB
	NCUN	
	ADV	

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/ING/	--	AXV
	NCUN	
	ADV	
/ING/	--	ART
	NCUN	
/ING/	--	CONJC
	ADJ	
	ADV	
	NCUN	
/ING/	--	PREP
	ADV	
	NCUN	
/ING/	--	PREPCF
	NOUN	
/ING/	--	PN
	NCUN	
	ADV	
/ING/	--	, TYPE
	ADJ	
	ADV	
	NCUN	
/ING/	--	. TYPE
	ADV	
	NCUN	
/ING/	--	/ING/
	ADJ	
	NCUN	
/HAVE/	--	ADV
	NCUN	
/HAVE/	--	NCUN
	ADJ	
/HAVE/	--	VERB
	NCUN	
/HAVE/	--	AXV
	NCUN	
/HAVE/	--	ART
	NCUN	

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/HAVE/ -- CONJ
ADJ
NCUN

/HAVE/ -- PREP
NCUN

/HAVE/ -- PN
NCUN

/HAVE/ -- V/AXV
NCUN

/HAVE/ -- , TYPE
ADJ
NCUN

/HAVE/ -- . TYPE
NCUN

/HAVE/ -- /ING/
ADJ
NOUN

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11. SUPPLEMENTARY NOTES	12. SPONSORING MILITARY ACTIVITY
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13. ABSTRACT Presents dictionaries and grammar rules for an automated linguistic system for assigning rough parts of speech to words in English text avoiding the difficulties posed by large dictionaries usually associated with such systems. (author)
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	ROLE	WT	ROLE	WT	ROLE	WT
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