

SPEED OF THOUGHT

COMMUNICATIVE



SPEED OF THOUGHT

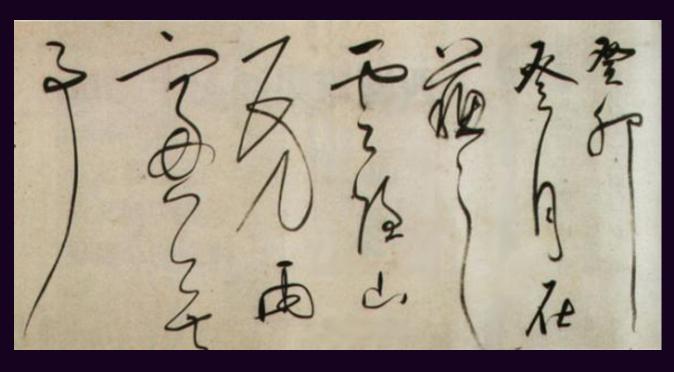
COMMUNICATIVE



DISCLAIMER

DISCLAIMER





korean stenotype

chinese calligraphy

audiobook: 150 WPM



audiobook: 150 WPM

conversation: 180 WPM





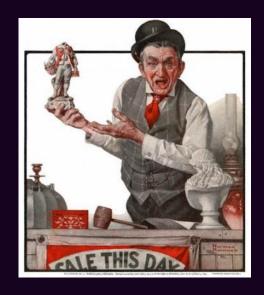
audiobook: 150 WPM

conversation: 180 WPM

auctioneer: 250 WPM







audiobook: 150 WPM

conversation: 180 WPM

auctioneer: 250 WPM

THIS GUY: '600' WPM



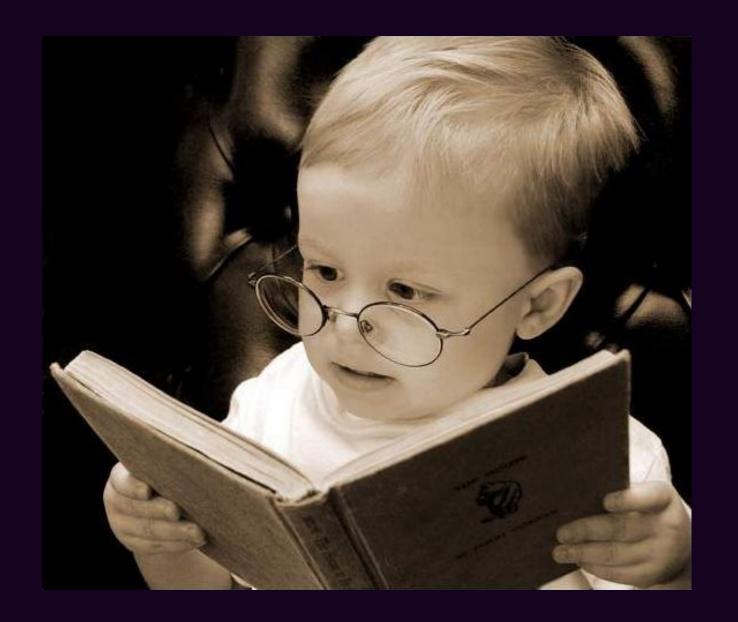
John Moschitta: https://youtu.be/NeK5ZjtpO-M

READING

average: 250 WPM

speed reader: 700 WPM

attested: 1000+ WPM



RECORDING: WRITING IT DOWN



CURSIVE

REGULAR

2

SPECIAL STUDIES OF THE CAPITALS, SMALL LETTERS, AND FIGURES

ABCDEED LA HIJKLM NO PQRSTUVWXYZ abcdefghijkelmnop grstuv wxyz 1234567890.

Pupils who have studied and followed the explanations, suggestions, and instructions so far, will have sufficient control of the muscular movement to master easily the letters on this page.

Those who have not been thorough in studying the instruction and practicing the drills should review. Nothing less than failure can follow superficial study.

The capitals, small letters, and figures are given at this point for

convenient reference, and an effort should be made hereafter to employ these forms in all the written work.

One lesson each week should be devoted to special study and practice of the capitals until they are mastered.

Capitals, small letters, and figures will all be taught thoroughly in the following lessons,

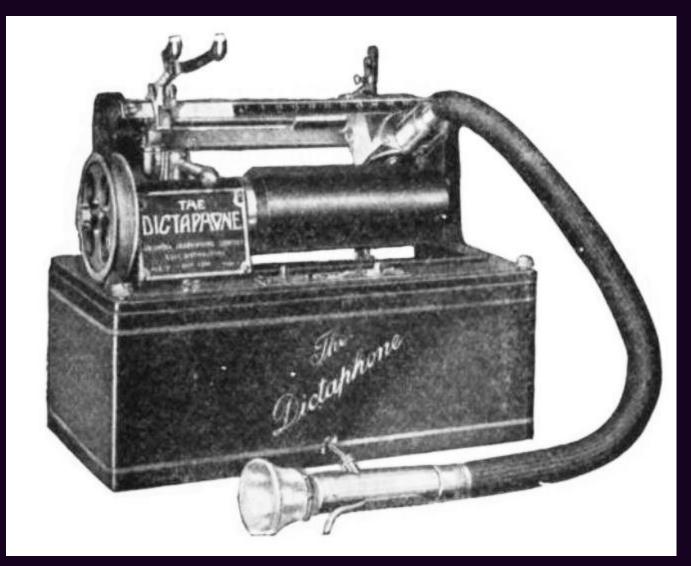
A few minutes in the right way are worth more than hours of practice in the wrong way.

MORSE CODE



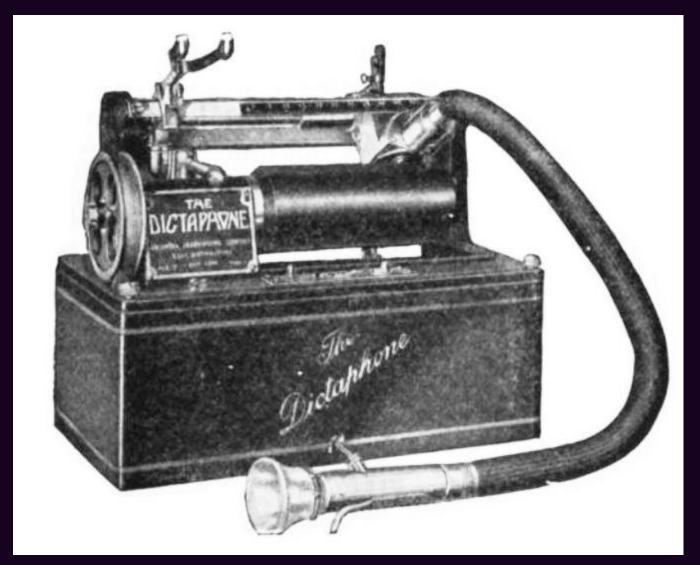
https://youtu.be/q_ZEwZzuqW0

AUDIO



Dictaphone (1907)

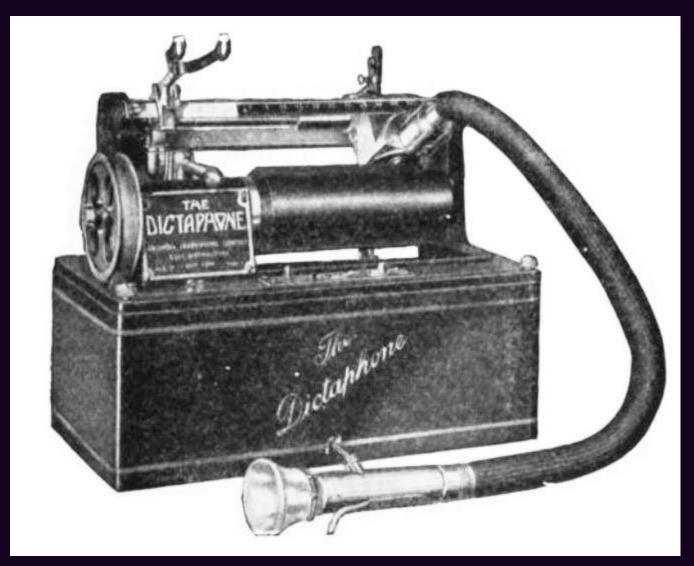
AUDIO



but that means we can only receive at 250 WPM!

Dictaphone (1907)

AUDIO



but that means we can only receive at 250 WPM!

writing (text) exploits:

- fast reading
- fast seek times
- aggregation, search, analytics

Dictaphone (1907)

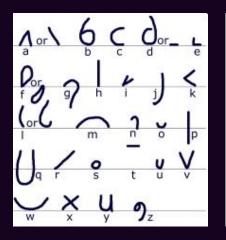
SHORTHAND

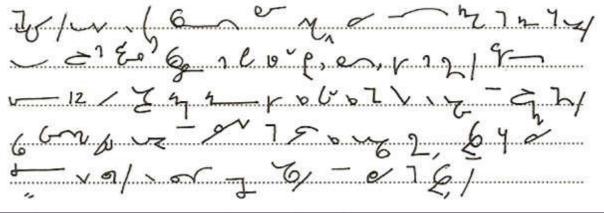
- dild- 2 ad (00,000 ~ 04-04-1.900006 129-19020-1.1 a, - 10 (/, 2 L:) o ras / f/~り. ... イートノントゥノンノラつ 16562101-10 るしょらいいっちゃろうらをり、 6.2 (6-2/12-47/9 16,441(~(-(1) [10-10-100] (ー/3.77)~イガ(ア)~(で)~ 1 7 1 ~ C ~ x 222220121000 こう(ーールグル)ー man of gettines of いってしてしてのから

as early as 1837

SHORTHAND

-d11-10/(00.000 ~ 04-29-1.901-16 129-19020-1.1 w, - > C(/, 2 L:) o アメノノノール 11001201-11716 グラント・プントゥヘアノグー 10201-10 からったっているとうらをして 6.2 (6-2/2-40/9 1(347(-(-(1) -10-1-16-11. (-)/67 (ー/3,7)~イガ(い)~С.С.0-INDSLEY. 2) 5 m Loca 40 20 Dar 1 of Lither of Share

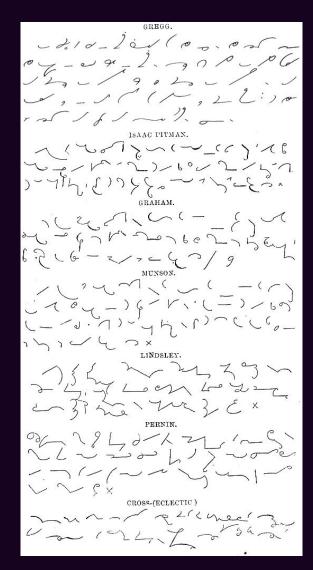




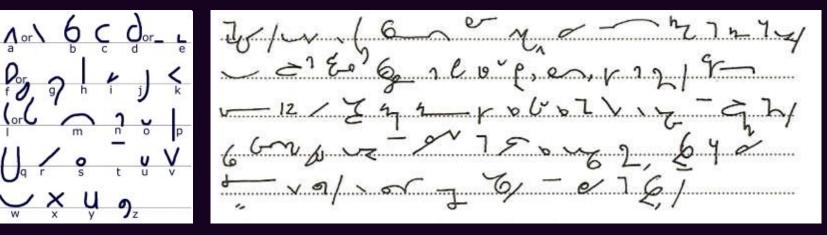
Teeline (1968)

SHORTHAND

پ × پ م ع



requires decoding...



Teeline (1968)

TYPEWRITER

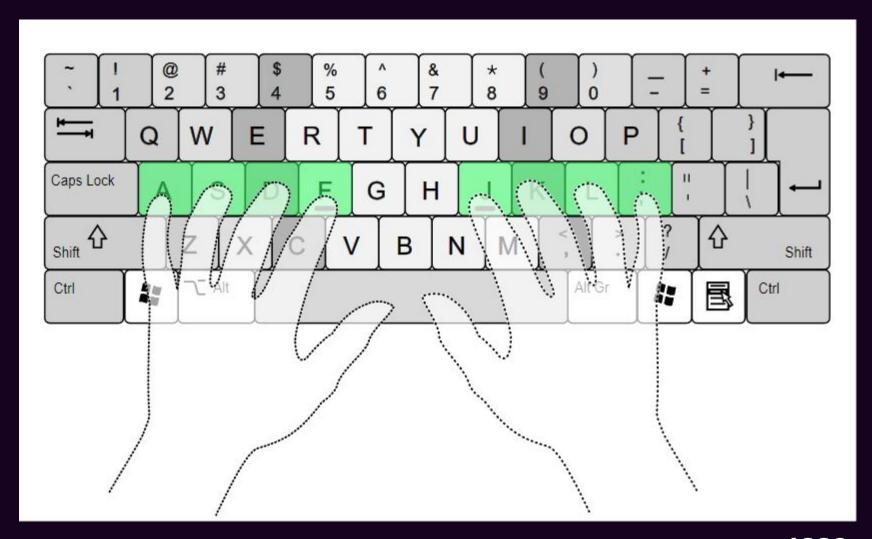


Sholes and Glidden (1874)

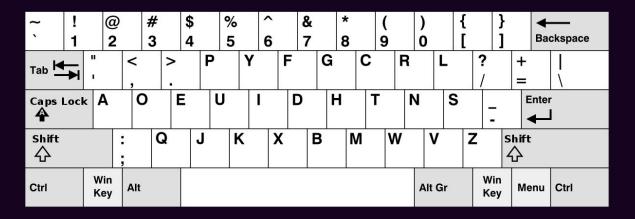


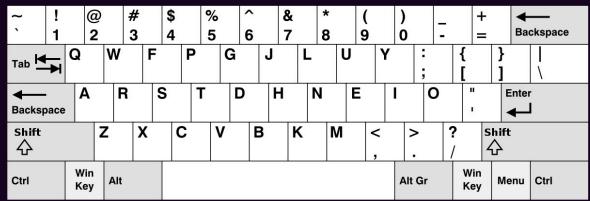
hunt and peck

TOUCH TYPING

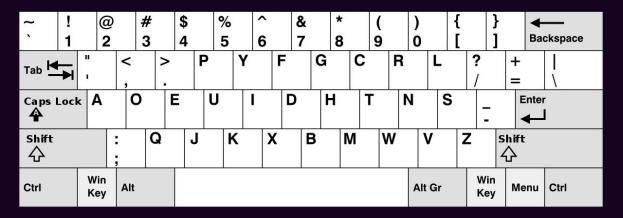


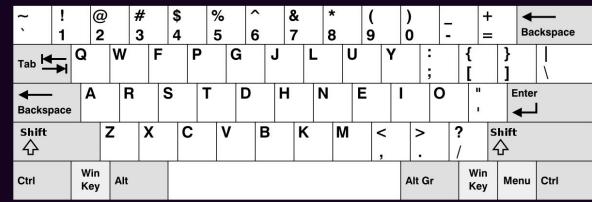
ALTERNATE LAYOUTS





ALTERNATE LAYOUTS

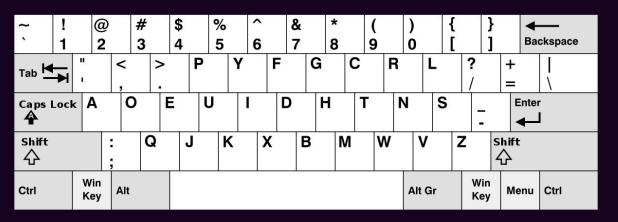


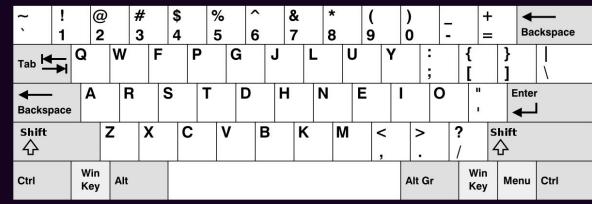


DVORAK (1936)

COLEMAK (2006)

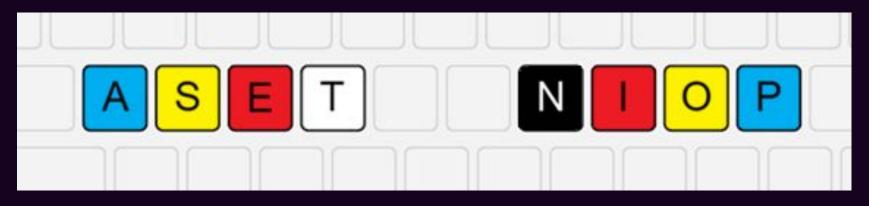
ALTERNATE LAYOUTS





DVORAK (1936)

COLEMAK (2006)



ASETNIOP (2012)

STENOTYPE

THE DYING ART OF





1913



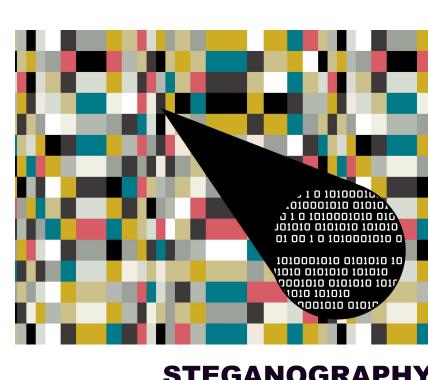
STENOGRAPHY

στενός (narrow) γράφω (write)



THE DYING ART OF

STENOGRAPHY



STEGANOGRAPHY

WHY CARE?

to type fast!

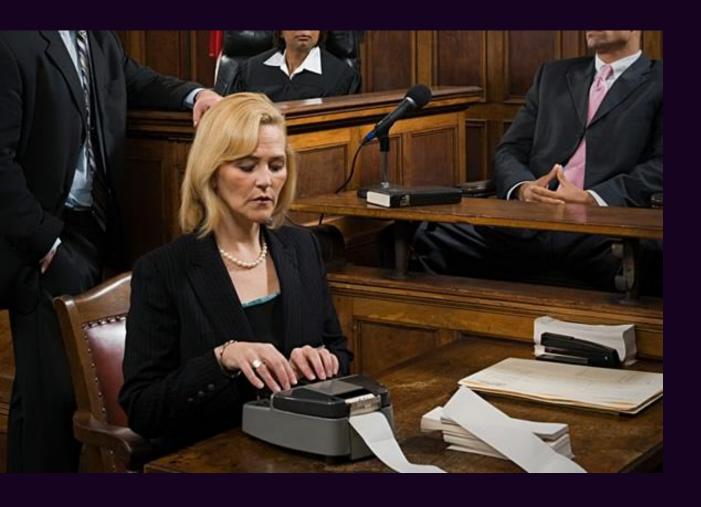
QWERTY: 120 WPM DVORAK: 140 WPM STENO: 240 WPM



Steno Hero: https://youtu.be/UtQzTUEuPWo

CAREER

CAREER



CAREER



STENO SCHOOL



2-6 years to reach 225 WPM

STENO SCHOOL





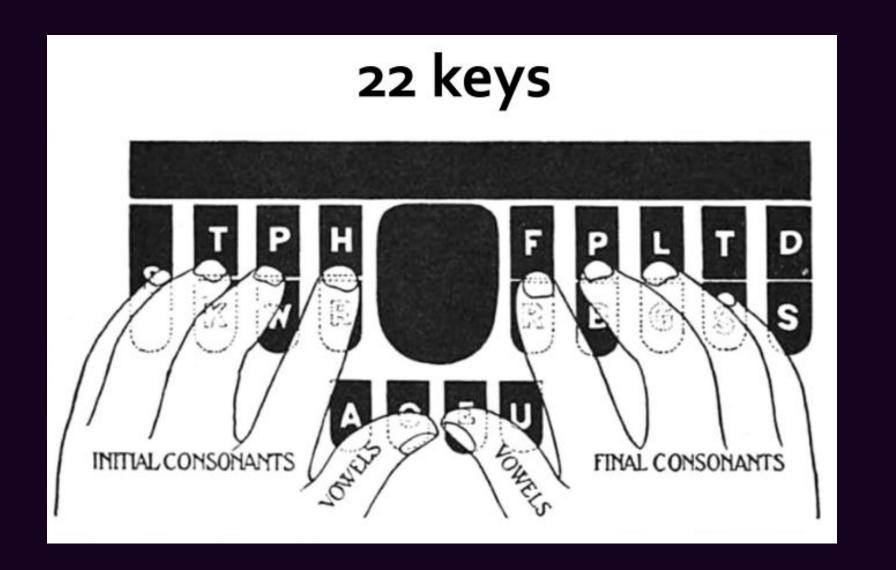
2-6 years to reach 225 WPM

GENDER

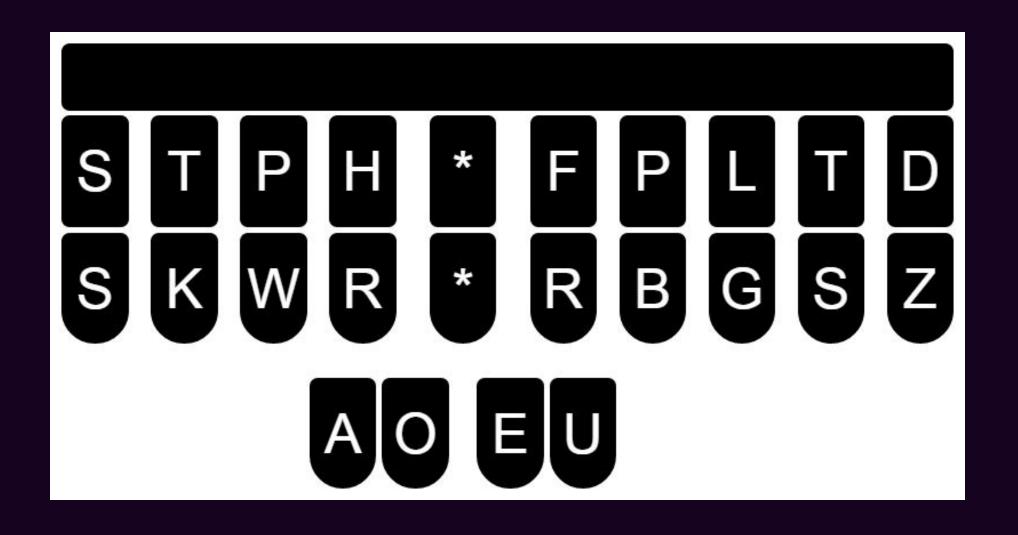


85% women

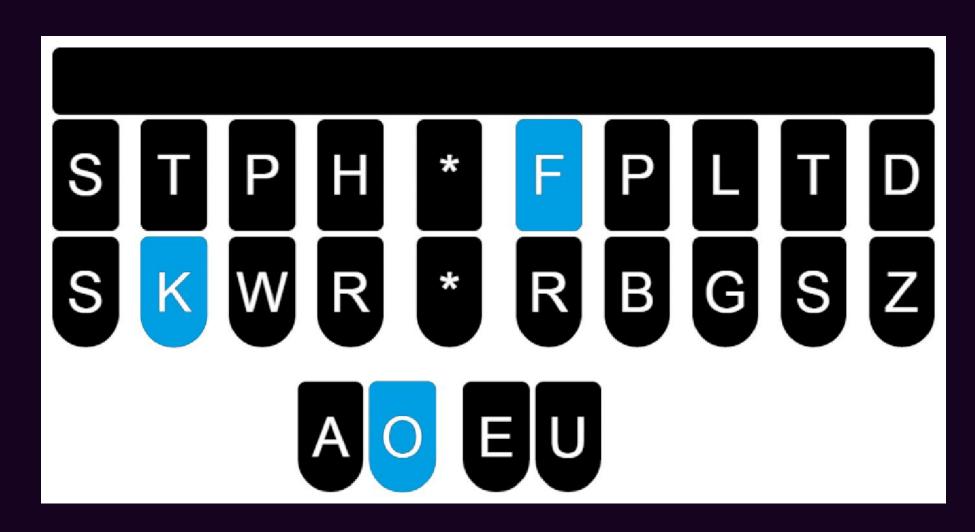
STENO KEYBOARD



STENO KEYBOARD

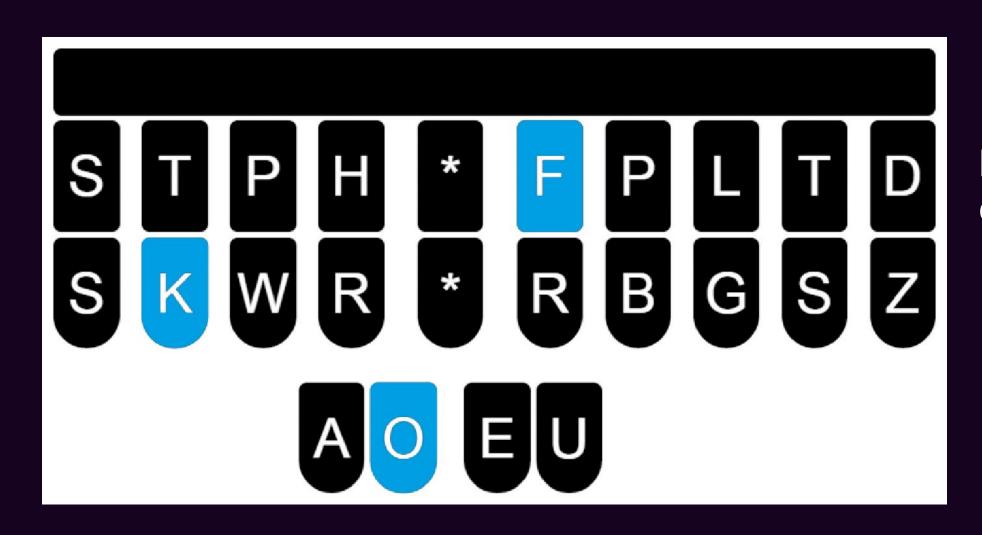


PHONETIC



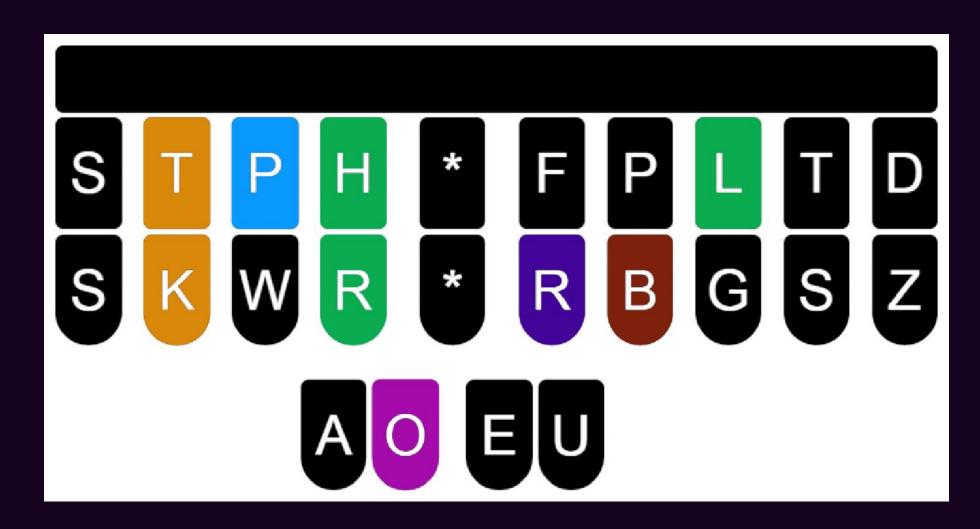
KOF cough

SYLLABIC + CHORDED



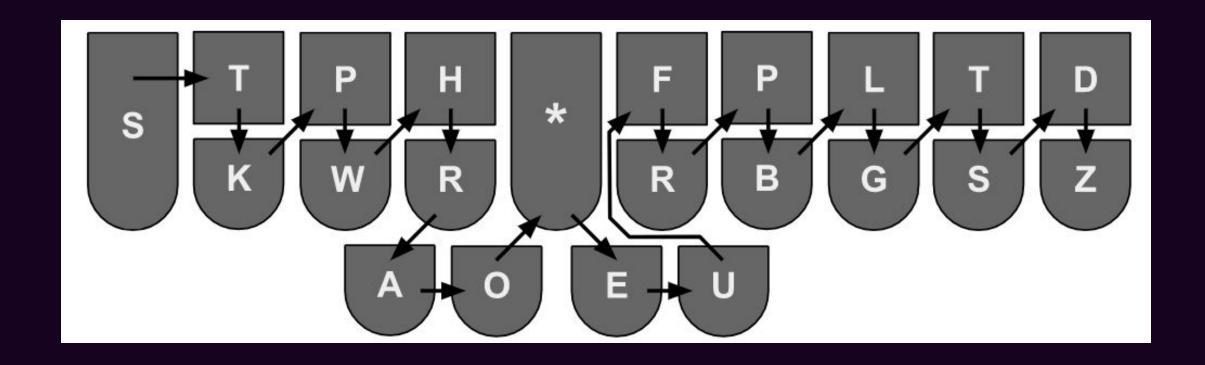
KOF cough

SYLLABIC + CHORDED



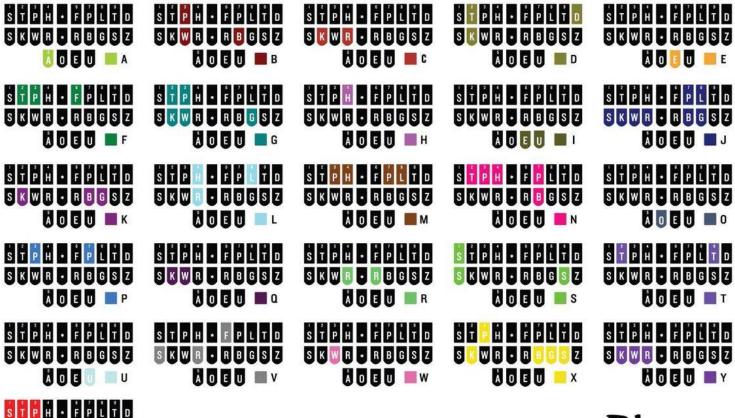
TKPHRORBL DPLORBL deplorable

STENO ORDER



MORE CHORDS

STENO ALPHABET



SKWR • RBGSZ

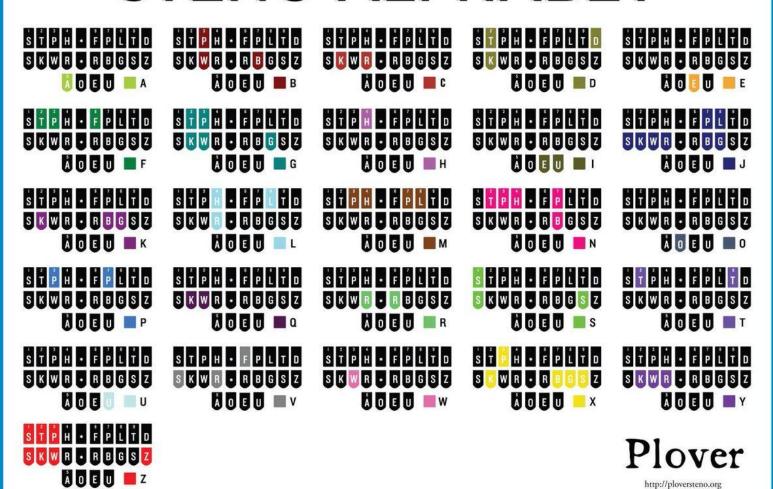
A O E U Z



http://ploversteno.org

MORE CHORDS

STENO ALPHABET



Ending	Steno	Example	
st	FT	Fast (FAFT)	3
th	*T	Bath (PWA*T)	
mp	*PL	Lamp (HRA*PL)	
lk	*LG	Milk (PH*EULG)	
ch / tch	FP	Catch, Screech	
sh	RB	Cash	
'shus' (tious / cious)	RBS	Precious	
'shun' (tion / sion etc)	GS	Fashion, Notion	
'kshun' (ction)	BGS	Function, Auction (AUBGS)	
rch / nch	FRPB	Perch, Bench	
dge	PBLG	Edge	
ds	DZ	Friends	

BRIEFS

'the': -II	'you're': UR	'very': SRE	'somebody': S-Ē	'describe': SKREU
'of': 🖫	'you've': UF	'many': PHAEPB	'somehow': SPHOU	'described' SKREUD
'to': TO	'were': WR	'even': AOEPB	'someone': SPH-PB	'anything': TPHEUG
'in': TPH	'can': K	'where': W-R	'someplace': SPHRAEUS	'continue': T-PE
and the same of th		'through': THRU	'something': S-G	'continued': T-PBD
The state of the s		'being': -BG	'sometimes': STAOEUPLS	beginning: TKPWEUPBG
		because': PWAUS	'somewhere': SWR or SW-R	'understand': URPBD
and the second s	The state of the s	The state of the s	'question': KWE	'understanding': URPBGD
'be': 🖪	'who': WHO	'upon': POPB	'almost': HR-PL	'today': TOED
'by': PWEU	'other': OER	'without': WOUT	'interest': II-R or IR	'opinion': P-PB
3 Table 200 (197)	'what': WHA	'another': TPHOER	'ever': -FR	'becomes': PW-BGS
	The state of the s	'against': TKPWEPBS	became: PWAEUPL	'yes': KWRE
'this': IIH		'every': EFR	'probably': PROBL	'idea': KWR-D
20.7 (v) 20.1 (V) (V) (V)	A STATE OF THE PARTY OF THE PAR	The state of the s	'include': KHRU	'ideas': KWR-DZ
'which': WEU		'example': KP-PL	'includes': KHRUS	'actually': TWAEUL
and the same of th	The state of the s	'others': OERS	'included': KHRUD	'move': PHOF
		Delegation of the last of the	'including': KHRUG	'ask': SK
- man			'amount': APLT	'unless': TPH-LS
The state of the s	Management of the Control of the Con	The state of the s	receive': SAOEF	'easy': ฮั่
'you'll': UL	'said': SAEUD	'whether': WHR	'received': SAOEFD	'otherwise': O*ERZ

DICTIONARIES

gad TKPW	Office Spinish	FT R		inol PHOI	swell SWEI			hesitated HES/TAEUT/-D		{^-stage} STA*EUPBLO		To the same	chea KHA			fuseau TPU/SO*E		chooses KHAOFS		Wes WES	
mad PHAD		armth RPL			conada COPB/			ısk FBG	ΓKI	gi <mark>ll</mark> PWEUL			okayed OBGD		gowns WOU			stenoty PB/TA	•		efresh FPREF
crimina KREUI		T. C.	ocess OEU		ually} VAEL	which a			uck BG/	ley /HREU	thre THE		gran KPWF			able OBL		regano 3/TPHC		ock OBG	enoug TPHU
bla PWHR.	anks A*F			ckled 3G/*L	D PHA	man EUPB	ger SK	WRE		learn ab			udible) IAUBL	700	isms JFPL		aut *UT		erentia FRPB		KAUI
Comb KOEPI		heads HED2		oped AOPD		L(Righ PW-F	t)}			Stree STRAC	7		goods WAOD	_	t turn R*T		taples EUP		Ger PWEF	shwin	EUPB
con KOPBS	20000	uentia WEP	Charles and the	more PHOI	and the second	The second		an <mark>ker</mark> PB/KE	ER	{pro PROET	teo/ /KW	- Company	pry PRAC		STRA	stri AOE	ia /KW]	RA PW	brin /RAO		TKW

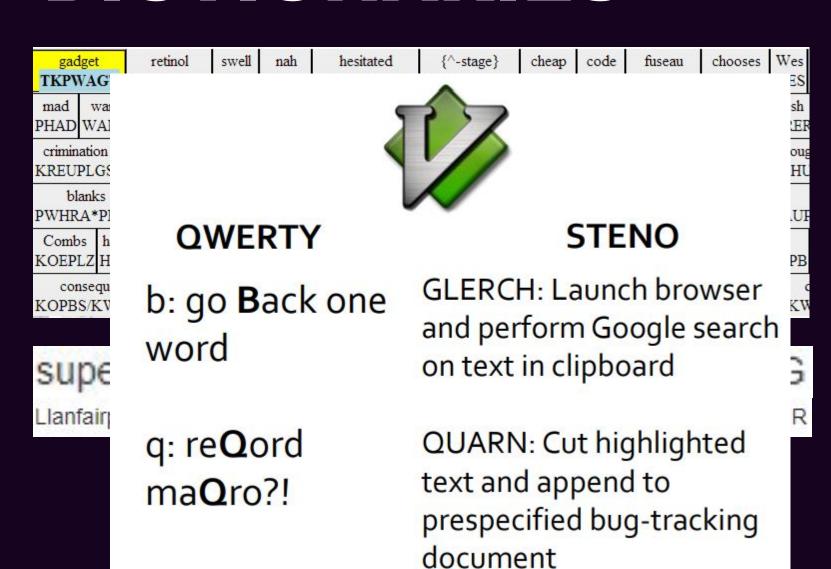
supercalifragilisticexpialidocious STPRAPBLG

Llanfairpwllgwyngyllgogerychwyrndrobwllllantysiliogogogoch HRA*PB/TPA*EUR

4.2 million possible chords!

KO*LD	cold front
WA*RM	warm front
KLAED	cloudy
SAEN	sunny
KH*IL	chilly
SMAO*I	1-
KO*UN	County
DO*P	Doppler radar
GRAOEZ	degrees
GRAO*EZ	-degrees
KO*ELS	coastal
SPRINL	sprinkle
THORM	thunderstorm
STOIRM	stormy
RA*EN	rainy
GO*IS	gusty
WAEND	windy
MOIG	muggy
S*UNS	sunset
SPOIT	spotty
MOEFP	mother nature
KLAOIFP	climate change
GLOEBLG	global warming
TEFRPLT	temperature
MOENT	mountain
VA*EL	valley
OEVRNT	overnight
YORB	offshore
SUNS	sunshine
RAIFL	rainfall
DOURP	downpour

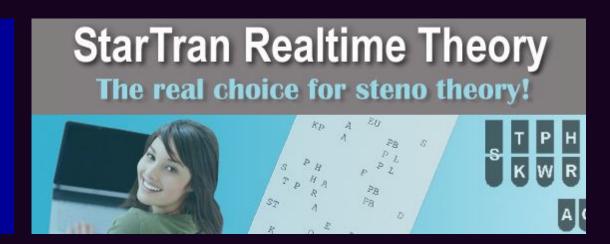
DICTIONARIES



KO*LD	cold front
WA*RM	warm front
KLAED	cloudy
SAEN	sunny
KH*IL	chilly
SMAO*I	 -
KO*UN	County
DO*P	Doppler radar
GRAOEZ	degrees
GRAO*EZ	-degrees
KO*ELS	coastal
SPRINL	sprinkle
THORM	thunderstorm
STOIRM	stormy
RA*EN	rainy
GO*IS	gusty
WAEND	windy
MOIG	muggy
S*UNS	sunset
SPOIT	spotty
MOEFP	mother nature
KLAOIFP	climate change
GLOEBLG	global warming
TEFRPLT	temperature
MOENT	mountain
VA*EL	valley
OEVRNT	overnight
YORB	offshore
SUNS	sunshine
RAIFL	rainfall
DOURP	downpour

THEORIES

Sten Ed® Realtime Theory







Phoenix Theory

Conventional theories conform steno strokes to vowel *spelling*: e.g., TERS, WORS, HERS, KURS, F*IRS; FRONT, SHUNT; KA/NAL, KOM/PLAIN; KAUL, KOL/UM; TAIR, TER/EUBL; PAOER, PER/YOD; HOL/OE, SWAUL/OE.

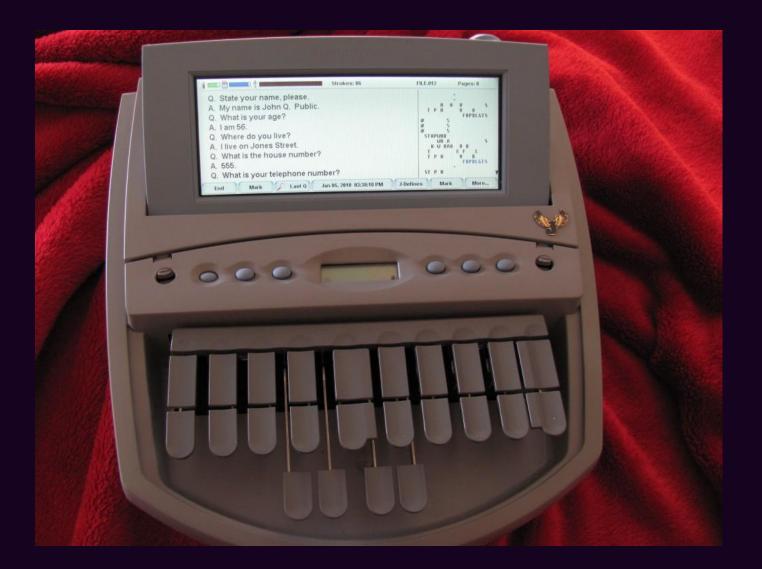
Phoenix Theory writes vowels by *sound*, regardless of spelling: TURS, WURS, HURS, KURS, F*URS; FRUNT, SHUNT; KU/NAL, KUM/PLAIN; KAUL, KAUL/-M; TAIR, TAIRBL, PAOER, PAOER/Y-D; HAUL/OE, SWAUL/OE. (Note: Phoenix Theory uses AU for both the "au" and "aw" sounds. If you'd like to understand why, go to www.phoenixtheory.com, home page, Site News, and click "AU vs. O.")

The most-frequently-occurring vowel sound in *spoken* English is the schwa vowel sound (the soft, unstressed "uh" sound heard in *banana* [buh/NAN/uh], *canal* [kuh/NAL], *promote* [pruh/MOET], *collapse* [kuh/LAPS], etc.) Per Funk & Wagnall, the vast majority of all *ending vowel-consonant* syllables are correctly *pronounced* with a schwa vowel sound (e.g., *terrace* [TAIR/us], *villain* [VIL/un], *wallet* [WAUL/ut], *private* [PRIE/vut], *sandal* [SAND/ul], etc.).

Every English syllable includes a vowel sound. With very few exceptions, with conventional theories each steno stroke includes a vowel key or combination of vowel keys representing the *spelling* of the vowel, including the schwa vowel sound. However, the schwa vowel *sound* can be *spelled* 43 different ways! With conventional theories, unless the steno writer knows – and can recall at "on-the-job" speeds – the correct *vowel spelling*, their steno strokes will not match/translate against a spelling-dependent dictionary entry. Consequently, a dictionary entry for an *unfamiliar* word, or *any* word where the steno writer can't recall with certainty at realtime speeds which of the 43 ways a schwa vowel sound is *spelled*, is useless.

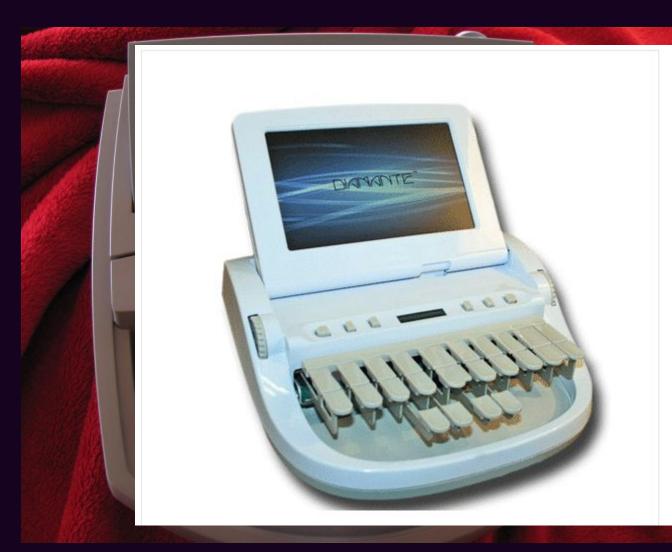
Phoenix Theory eliminates this sound/spelling dilemma by: (1) Stroking all schwa vowel sounds as U. Consequently, writers can write all words they can *hear* (not just those they can spell) with steno which will match/translate realtime against a pre-programmed dictionary entry. (2) Applying a patented vowel-omission principle eliminating the schwa vowel preceding final-side consonants *from all but the first syllable/stroke* of a word, further reducing spelling dependency and appreciably "shortening" shorthand. (Every English syllable includes a vowel sound. When reading Phoenix Theory steno, when the vowel has been omitted from a stroke, verbalize the omitted vowel as "uh.")

HARDWARE





HARDWARE



Brand: Stenograph

STENOGRAPH™ DIAMANTE™ PRO WRITER REFURBISHED IN BLUE ICE

★★★★★3 REVIEWS

C\$4,328.63 C\$3,818.63

(You save C\$510.00)

OUT OF STOCK





stenoodie

SKU: 1047B

Condition: Refurbished

Availability: We do our best to ship as fast as possible.

Shipping normally is 24-48 hours. Please

call us if you need it faster.

Shipping: Calculated at Checkout

Please Select Your Customized Keytop Configuration Free of

PLOVER



○ Open Steno Project



Mirabai Knight

PLOVER

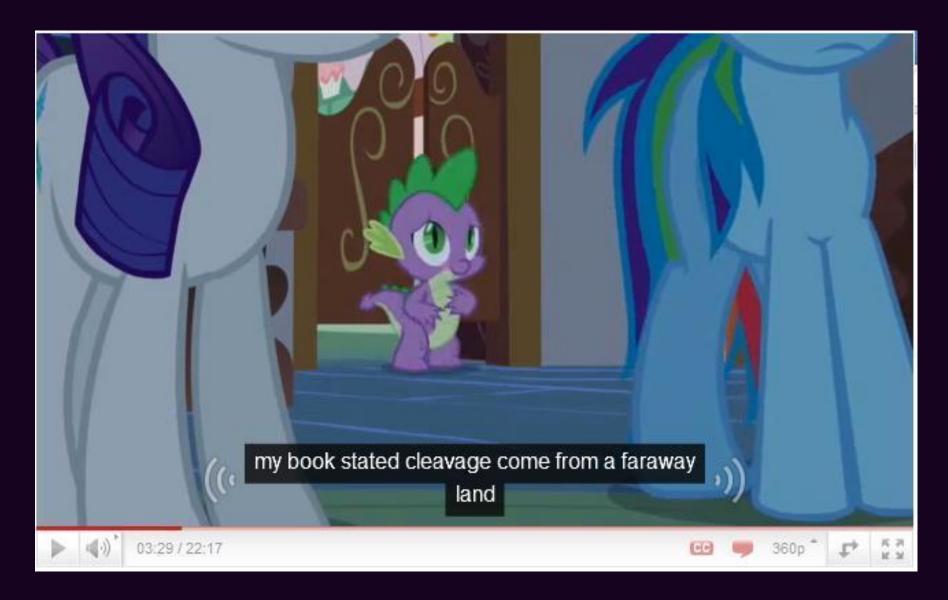


Stenograph® élan Mira® A3 w/accessories & 1 year warranty (re-conditioned) 1 offer from \$1,895.00



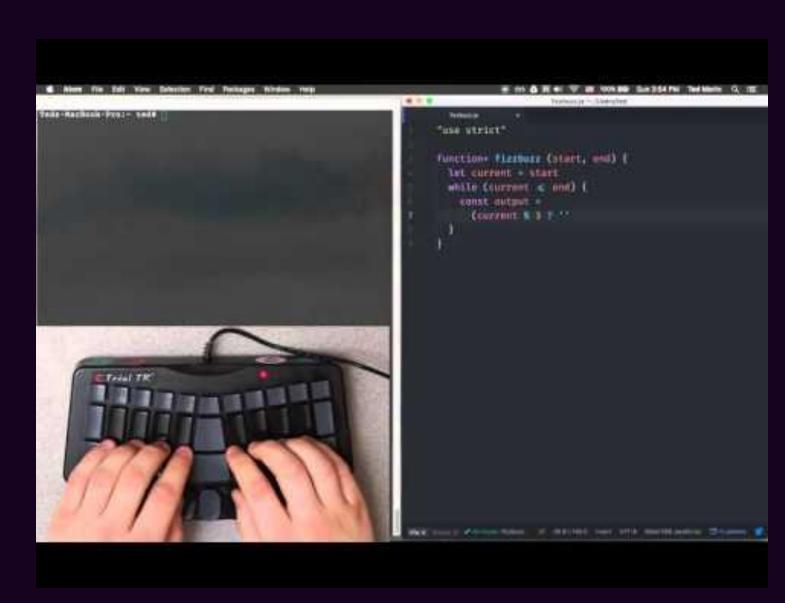
(NKRO) keyboard: \$50 (3D printed) keycaps: \$20

AUTOMATION



THANKS!

http://www.openstenoproject.org/demo/



Coding with steno: https://youtu.be/RBBiri3CD6w