A Web-Based Tool for Developing Multilingual Pronunciation Lexicons

Linne Ha Martin Jansche Ara Kim Masayuki Nanzawa Samantha Ainsley

Accessible anywhere from a browser no additional client software needed

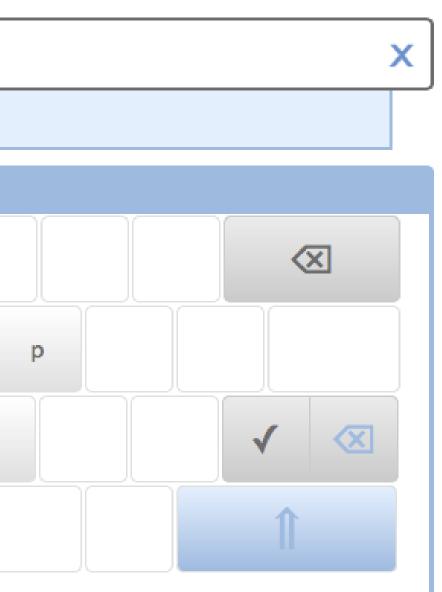
On-screen phoneme keyboard for pronunciation entry reinforces phoneme inventory suitable for novice users

									p	silo	cybi	n			
⊲ »)						s	ih	1	ax	s	ay	b	ih	n	
Suggestions ng)														
1 of 1		_						_				_			
	2	1	3		4	5		6			7		8	9	0
oy	w	aw	ey	eh	r	er	t	th	у	ay	uw	uh	iy	iho	w ao
ae	aa	s	sh	d	dh	f		g		h	h	j	h	k	I
	z	zh	a	x	с	h	v	ah	k	0	n	ng	r	n	

none / nun (n ah n)

Additional interfaces for disambiguation tasks

apokalypse	
6 of 60 (45)	Complete 2 of 10 (0
 Word with German pronunciation (e.g. M Acronym with German pronunciation (e.g. M Word with English pronunciation (e.g. M Acronym with English pronunciation (e.g. Other (e.g. Xbox, Str., JPEG, Trikot) 	. USA, ADAC, WWW) ail, Airbag)



google 更 新器	
	Complete
⊜ gaang1	
⊚ gangl	
⊚ gang3	

Administrator mode with graphical keyboard editor

_						
Phone	mes					
New						
Phone	me Id					
Sugges	tions					
ld	1	2	3	4	5	6
aa	ae	ah	ao	ax		
ae	аа	ax	ay	eh		
ah	aa	ao	ах	uh	v	
ao	aa	aw	ow			
Total	40					
Phone	me Keyboa	ard Map				
Test	Stop Test					
	Кеусар		Phoneme	Id		
	~ 1	! 2	@3	#	4 \$	5 %
	[}	sh				
	tab	q Q oy oy	w W	e E ey e	\neg $-$	er t
		a /	4 s	S d	D f	F g
	caps lock	ae a	a s	sh d	dh f	f g
			z z	x X	c C	v v
	Û		z zh	ax ax	ch ch	v ah
zh	genre		zh aa	nrax		
CI	ear zh					

Google

Implemented with open-source software Google App Engine & Google Web Toolkit

		e	en-US-ANSI
		Delete A	All Delete
Sample Prompt			
Sample Phonemes			
7 8 9	Sample Prompt	Sample Phonemes	▲
	amish	aa m ih sh	
	add	ae d	
	other	ah dh er	
	all	ao I	•
		e	en-US-ANSI
		Unassign All	Unassign