

ZSpeak

by utz 08'2013

Yep, it's just another Z80 speech synthesizer. Nothing special, it just outputs vowel and consonant samples like all of them. But I figured, since there aren't too many speech synthesizers for TI calcs around, why not share it.

To use it, just set up a zero-terminated string, point bc to it, then *call speak*. See the included test.asm for details.

All sounds are denoted by a single lowercase letter. Spelling is similar to Spanish, German, Czech, Polish, etc, with a few exceptions for "special" sounds like sh and th.

Keep the following in mind when setting up your message strings:

- Use only lowercase letters
- Use { in place of a [space] for silence
- You can use values from 1..96 to set the pitch. \$1a is the standard value.

Letter	English	Deutsch	Français
a	hutter	lachen	aller
b	ball	Ball	bol
c	-	nicht	-
d	direct	direkt	direct
e	cat	denken	très
f	fine	fein	fin
g	great	genau	gare
h	home	Haus	-
i	liver	Hitze	flic
j	that	-	-
k	coma	Kamm	contre
l	love	Liebe	livre
m	mine	mein	moi
n	name	Name	nature
o	orbit	Loch	nom
p	post	Post	poste
q	earth	hören	malheur
r	road	Raum	repeter
s	sound	sagen	son
t	table	Tisch	table
u	moon	Uhr	tour
v	-	üben	sud
w	valley	warten	valet
x	-	Krach	porte
y	May	leben	penser
z	sure	schade	chose

To make longer vowels, repeat letters.

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Visit www.irrlichtproject.de for more Z80 software and music.