

Muzikalen

What is Muzikalen

Muzikalen is a cipher made for Bulgarian that resembles musical notes. It was made for me and the other boys in my class and the fact there were only 7 of us adds some limitations. It has a [WSID](#) of 23.

How to read the images in these docs

Anything black is the Muzikalen that the image's trying to show. Anything red is a placeholder to show you how things should be aligned. Anything grey shows you what something means.

The writing system

Everything resembles musical notes and is therefore written on a staff (5 lines).

Example sentence in Muzikalen:



"English"

Muzikalen is a script made for the Bulgarian language, so it roughly follows [Bulgarian Phonology](#).

Structure

Each sentence is written on a separate line (with a separate staff).

Each line begins with a clef, signifying the topic.

Then, the top number of the time signature is the meta, and the lower one the version.

Next there is a colon and the actual sentence begins after it.

Each "syllable" is written as a note and each word is separated by a barline.

Topics

The clef signifying the topic of the sentence is one of the following:



Meta

A sentence's meta consists of 3 numbers: the sentence type, the sender and the recipient. The first one is from 0 to 3, and the second two are from 0 to 7. The meta is what results of gluing the 3 numbers' binary representations together and interpreting it in decimal.

Sentence type

- 0 (00) for statement
- 1 (01) for question
- 2 (10) for exclamation/command
- 3 (11) for title

Sender and recipient

- 0 (000) : in sender: anonymous , in recipient: for everyone
- 1-7 (001 - 111) : the 7 people in the group (agree on numbers beforehand)

Version

The current version is 1 .

Syllables

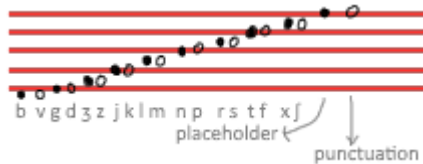
A "syllable" consists of a base and a tail.

Bases

Bases correspond to one of the following:

- a consonant
- placeholder consonant (no sound)
- punctuation

and are:



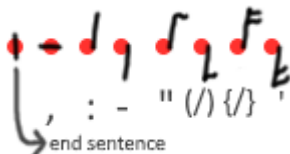
The placeholder is used in order to write consecutive vowels or words that start with a vowel.

Tails

Tails act as the following sounds on every base besides punctuation:



and act as the following punctuation marks on the punctuation base:



The placeholder vowel has no sound and is used for consecutive consonants or for words that end in a vowel.

The "end sentence" punctuation mark depends on sentence type:

- . in statements
- ? in questions
- ! in exclamations/commands

- nothing in titles