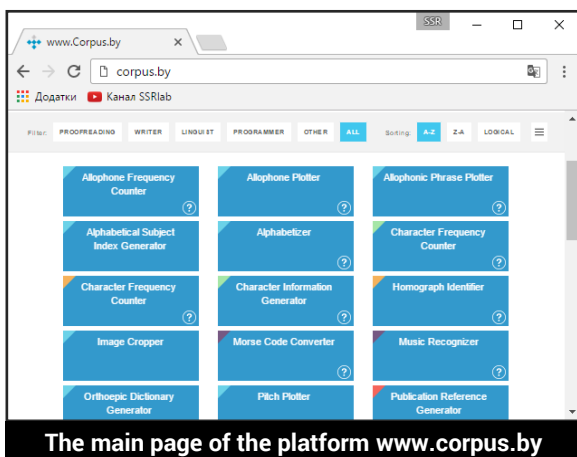# corpus.by

computational text & speech platform

Corpus.by is a computational text&speech platform that includes about 50 services for electronic text and sound data processing.

The main page of the platform www.corpus.by

– free access

– free use

– different languages

– 5 different solutions

– open source

contacts

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BELARUS

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www.ssrlab.by
ww.corpus.by

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We will be happy to receive your offers to corpus.by@gmail.com!

CORPUS.BY

COMPUTATIONAL TEXT&SPEECH PLATFORM

SPEECH SYNTHESIS AND RECOGNITION LABORATORY

THE UNITED INSTITUTE OF INFORMATICS PROBLEMS

NATIONAL ACADEMY OF SCIENCES OF BELARUS
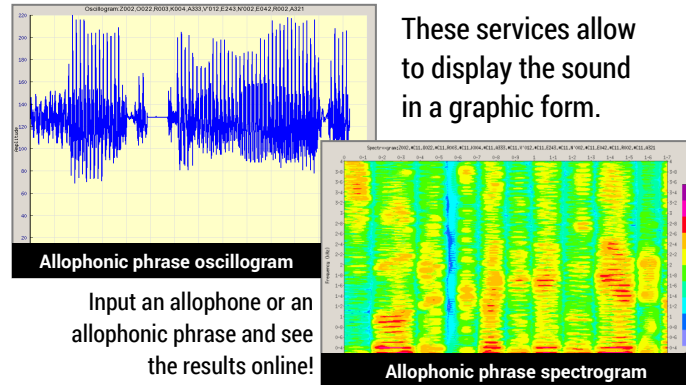
Text-to-Speech Synthesizer

Processes a text automatically and forms an audio file that a user can listen to, download and save.

Pitch Plotter
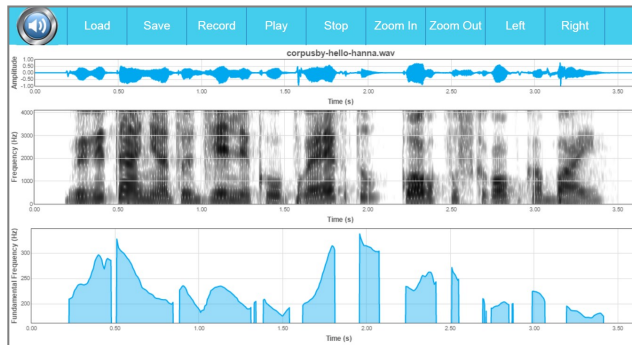
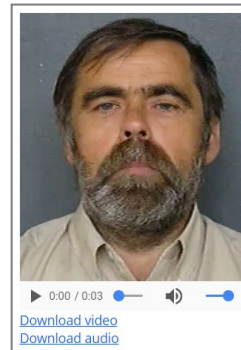Allows to get a graphical representation of voice phrase online.

Allophone Plotter and Allophone Phrase Plotter

Allophonic phrase oscillogram

These services allow to display the sound in a graphic form.

Input an allophone or an allophonic phrase and see the results online!

Allophonic phrase spectrogram

Talking Head Synthesizer

Processes text automatically and forms a video file with animated head articulating the input phrase. A user can listen it to, download and save.

The main idea of this service is to help people with hearing disabilities.

Voiced Electronic Grammatical Dictionary

The service provides information on the correct words spelling and pronunciation. It allows to see its transcription and find out its annotation.

Spell Checker

Checks the correctness of words spelling. After processing a user receives a list of words that were not found in the built-in dictionaries. Also there is a possibility to create and add new dictionaries.

Service Demonstrator

This is an open source which allows every interested developer to create his own service for www.corpus.by.

About 50 services for different solutions:

Proofreading · Writer · Linguist · Programmer · Other

1. Allophone Frequency Counter
2. Allophone Plotter
3. Allophonic Phrase Plotter
4. Alphabetical Subject Index Generator
5. Alphabetizer
6. Character Frequency Counter
7. Character Information Generator
8. Emotion Speech Analyzer
9. Homograph Identifier
10. Image Cropper
11. Keyboard Layout Converter
12. Language Identifier
13. Language Tutor
14. Lemmatizer
15. Morse Code Converter
16. Music Recognizer
17. N-gram Frequency Counter
18. Orthoepic Dictionary Generator
19. Part-of-Speech Tagger
20. Pitch Plotter
21. Publication Reference Generator
22. RSS Reader
23. Romanizator
24. Service Demonstrator
25. Service DemonstratorPy
26. Service Demonstrator With Authorization
27. Short U Spell Checker
28. Sound Recorder
29. Speaker Recognizer
30. Specialized Phonetic Dictionary
31. Speech Duration Predictor
32. Speech Recognition Trainer
33. Speech Segmentation Checker
34. Spell Checker
35. Syllabifier
36. Table Processor
37. Tag Identifier
38. Talking Head Synthesizer
39. Text-to-Speech Synthesizer
40. Thematic Lists Collector
41. Thematic Speech Recognizer
42. Tokenizer
43. Transcription Generator
44. UDC Decoder
45. Unknown Words Processor
46. Voiced Electronic Grammatical Dictionary
47. Web Page Content Saver
48. Word Frequency Counter
49. Word Paradigm Generator
50. … Add a solution for your task!