

ISMLA 17/18 Exercise 06: A Useful Russian Transliterator

1 Project Setup

- Use the procedure from last session to create a new Maven/GWT project.
- If things don't work out, you can also build the project like in Exercise 05 (nothing depends on the presence of Maven).

2 Implementation Steps

1. Write server-side code for reading in `ru-all-forms.txt` and converting its contents into a simple lookup table.
2. Implement a servlet which supports the addition of stress marks to Cyrillic text as well as Romanization with optional treatment of vowel qualities.
3. Design a user interface with two text areas (input and output), a conversion button, and the described option panel.
4. Test the functionality against Wiktionary and our reference implementation at [to be announced in class]

3 Submitting your result

Come to one of us **as a group** to show and explain your output and code:

- before or after the lecture on Mon, January 8 (half an hour each)
- Johannes' office on Tue, January 9, 1-2 pm
- otherwise by appointment (before the session on January 10)