

ISMLA 17/18 Exercise 05: A Spanish Verb Trainer in GWT

1 Project Setup

- Create a new GWT Web Application project.
- Check “Generate project sample code”, and work from there.
- **DO NOT** check “Generate a Maven project”, integration of GWT with Maven is very difficult, and we will be avoiding it for now!

2 Implementation Steps

1. Write server-side code for reading in and representing the contents of `es-verb-forms.tsv` as a simple lookup table.
2. Design and write a serializable data structure for representing a masked text with hints and solutions.
3. Implement the possibility to turn any Spanish text into an instance of that class by an RPC, masking all the verb forms.
4. Design a user interface with the required elements on the client side.
5. Implement event handling code on the client side which uses an RPC to create an exercise from text, and displays it.
6. Implement event handling code for checking the user answers against the exercise object, and provides color-coded feedback.

3 Submitting your result

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

- Björn’s office on Fri, December 15, 2-3 pm
- before or after the lecture on Mon, December 18 (half an hour each)
- Johannes’ office on Tue, December 19, 1-2 pm
- otherwise by appointment