

CSC207 Tutorial 3

TUT0401 - 22nd September

lab overview

- **Group Activity:** Country name translator app
 - to be demo-ed by the end of lab (for credit!)
- **Individual Activity:** NumberTriangle
 - to be submitted on MarkUs

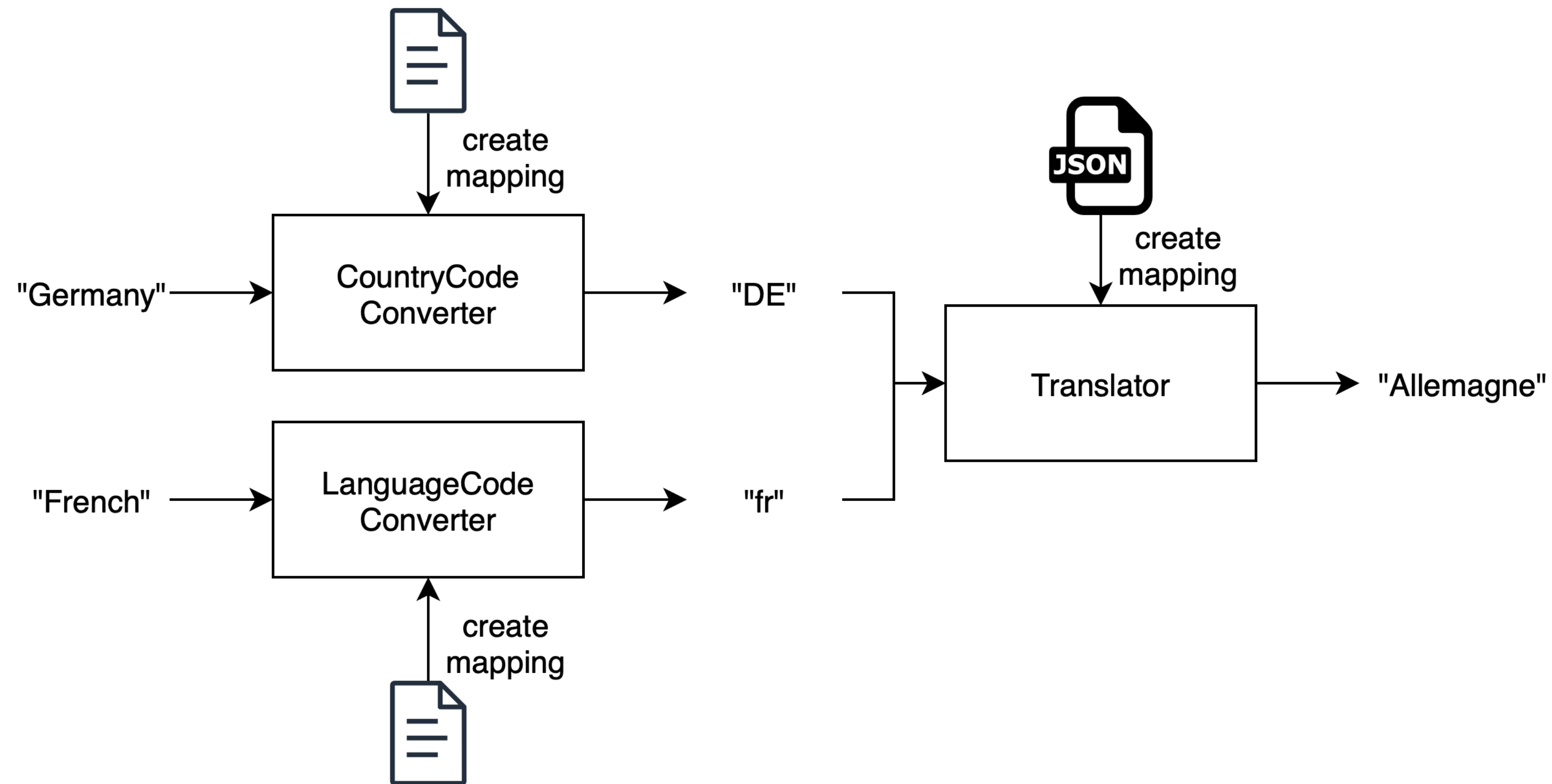
Country Translator

overview

- **Goal:** Translate country names to other languages
- **Components:**
 - GUI: currently, text fields where you input language / country codes
 - we want dropdowns where users can choose from a list of language & country *names*
 - Logic: currently, manual if-statements
 - we want to create language <-> language code, country <-> country code, (country code, language) -> translation mappings

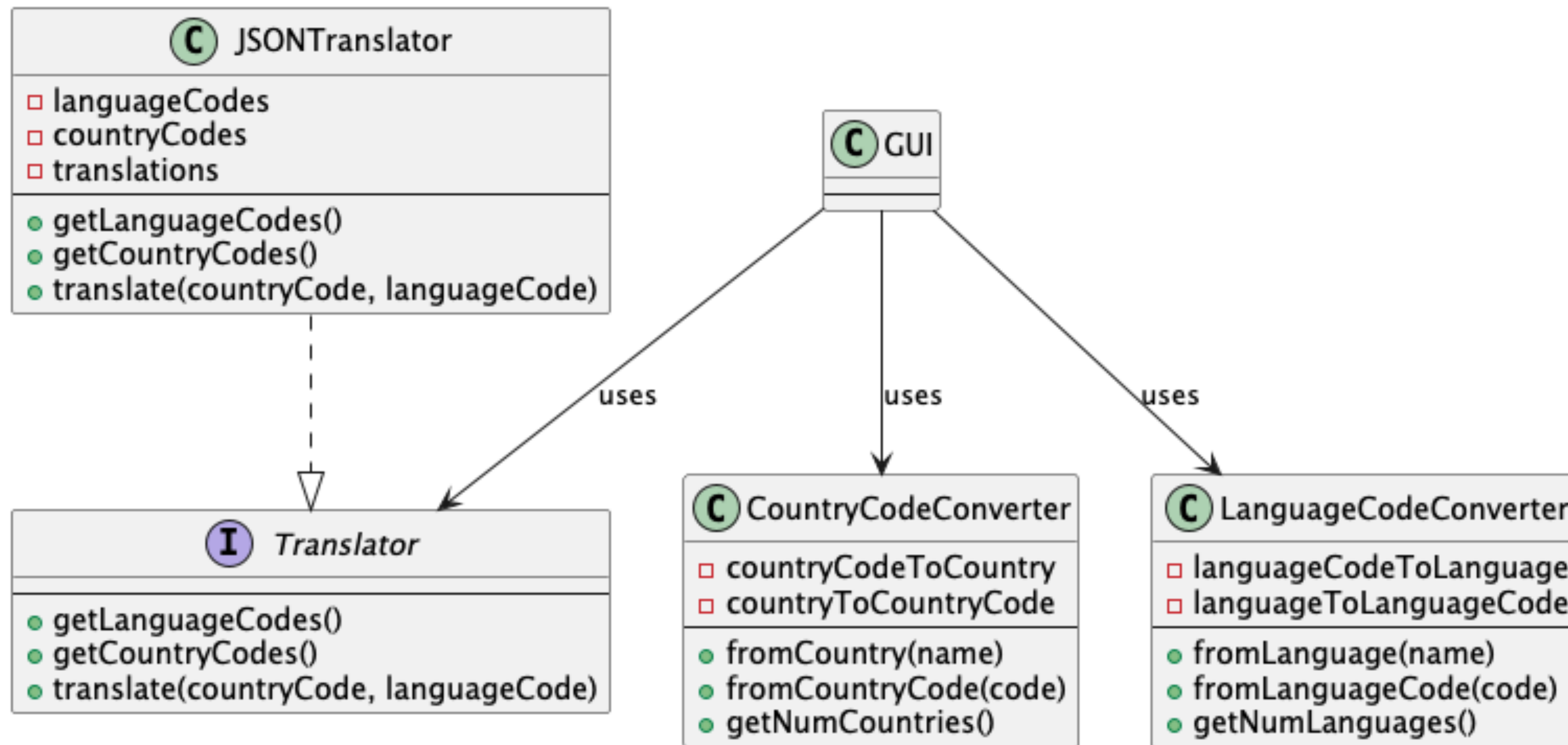
Country Translator

logic, under the hood



Country Translator

tying it together



Country Translator

instructions

- Make sure everyone can run the code & tests!
- Work on task 1 together, and after pushing your changes, make sure everyone can pull those changes locally
- Divide up the tasks (A, B, C) among your team
 - tasks can be subdivided as you see fit
 - use GitHub issues, create Git branches for each issue, merge using pull requests
- Work on Task D together
- Aim to demo *all functionalities* ~4:30 - 4:45