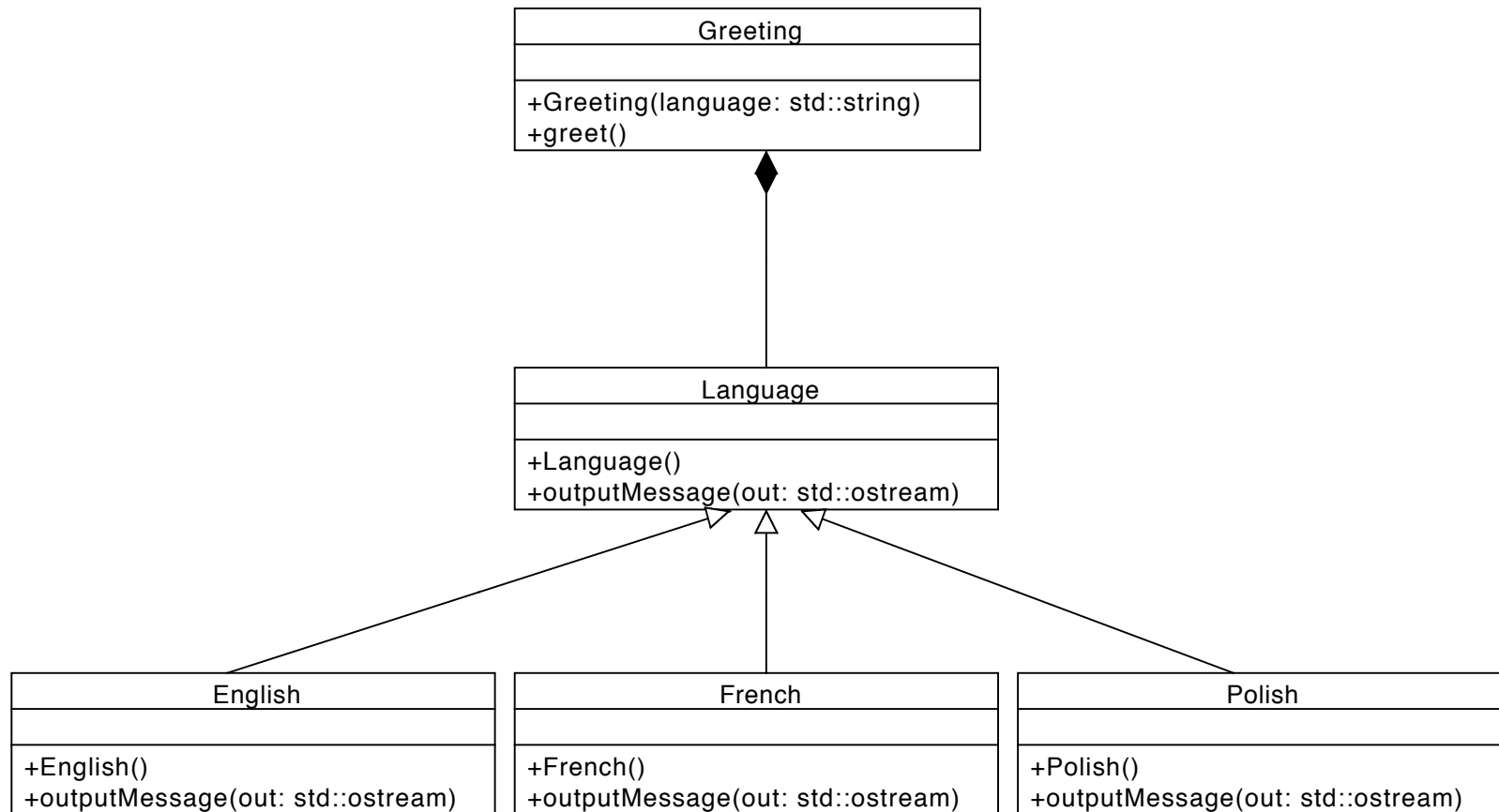


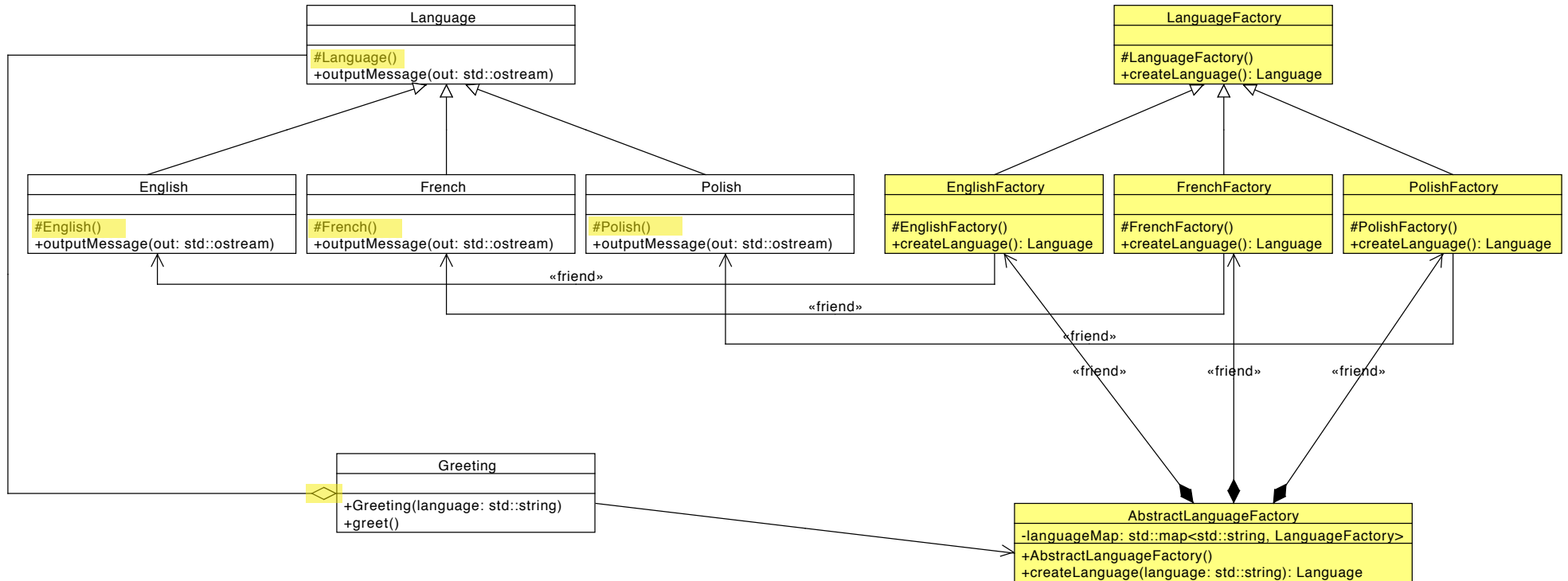
### Question 3a

Suppose an application wants to greet the user in their native language specified in a configuration file tied to that user. The name of the language is stored as a plain text string in the configuration file and each language is represented by an object which outputs a greeting in the respective language.



The Factory Method design pattern will be applied in this situation.

### Question 3b



This solution implements more than just the Factory Methods (which are the `createLanguage()` methods). This solution also stores all of the Factories in a container (map), so that the appropriate factory can be found by name (e.g., "english").