Hand in 1 : Web Services and SOA
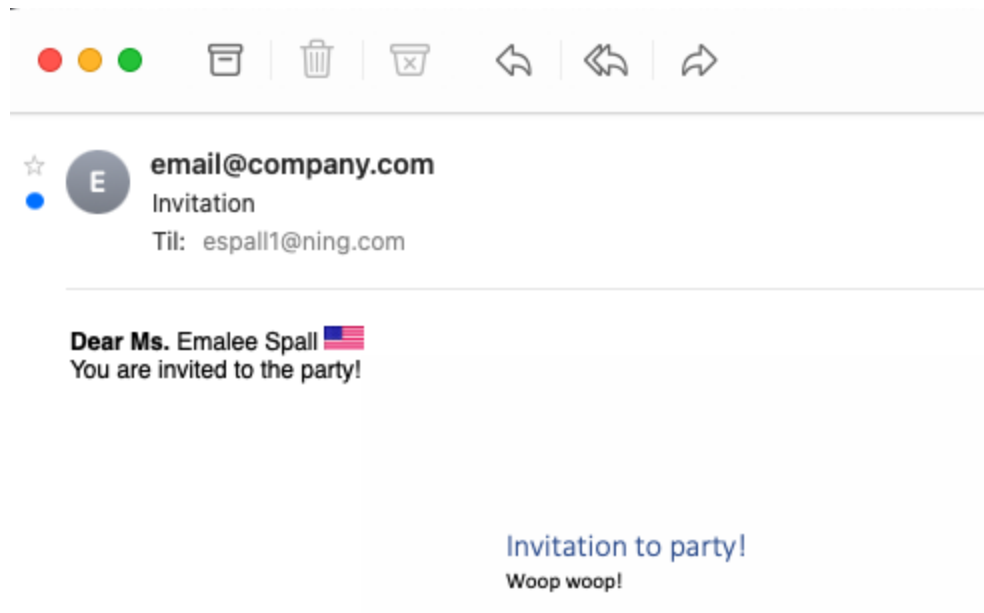
Program description

When executed this program generates an email template file (.eml) containing the proper pronoun, name and a flag from the country of origin.

The program reads data from an input CSV file containing the following datapoints:

`first_name, last_name, email, ip_address`

To achieve these specific informations based on the data in the CSV file we have used 2 REST API's and a SOAP API.

Program output

Executing the program

1. Open the program in your favorite IDE

2. Run the main method in the `AssignmenttwoApplication` file and watch the magic happen.

3. See the email template files (.eml) generated in the mails folder

SOAP API

WSDL
http://webservices.oorsprong.org/websamples.countryinfo/CountryInfoService.wso?wsdl

The SOAP API retrieves the country flag from the country code.

REST API's

We are using the API from ip-api.com to retrieve which country the input data's IP address has origin country in

Link to ip-api.com: `http://ip-api.com/`

We are using the API from genderize.io to retrieve gender based on a name and a country code

Link to genderize.io: `https://api.genderize.io/`

Github link

https://github.com/dahlfrederik/f2js/tree/main/System integration/Assignment 2

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