

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.

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/>

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