Lab 1 – Alchemy Image Analysis

1 Overview

The Alchemy Vision service allows to analyze the contents of an image and extract features from it. The Face Detection service is able to identify multiple faces within the image, and determine their gender and age with a confidence score, and identify celebrities.

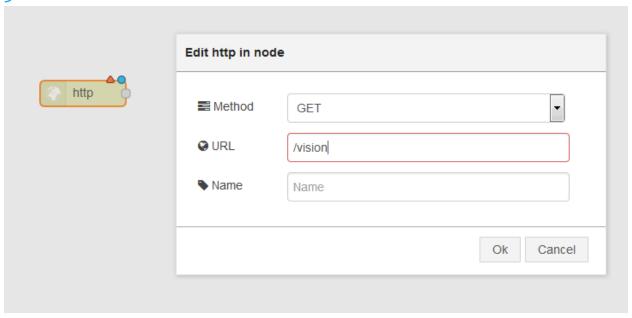
Which Node-RED node gets used here

The Node-RED node provides a very easy wrapper node that takes an image URL or binary stream as input, and produces a array of detected faces, age, bounding box, gender and name.

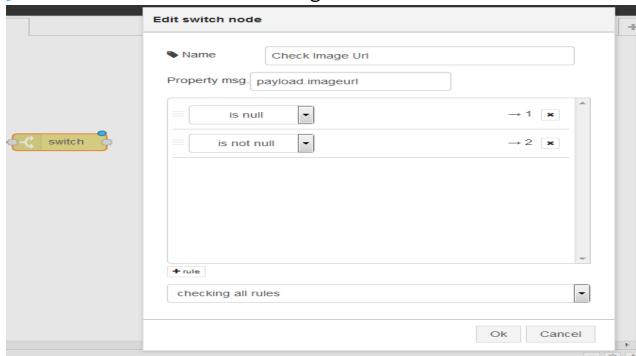
3 Steps to Create

There are 7 steps to create the whole flow.

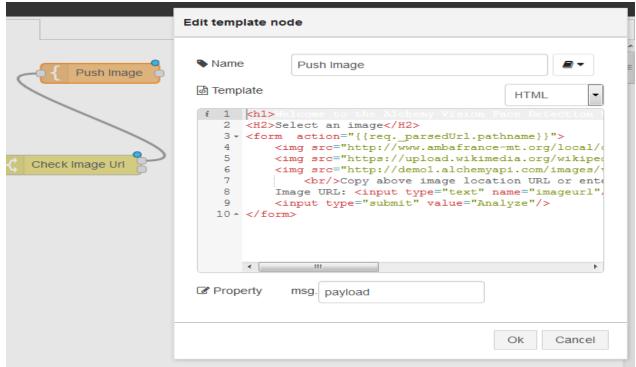
3.1 Add a HTTP node



3.2 Add a SWITCH node and configure as below



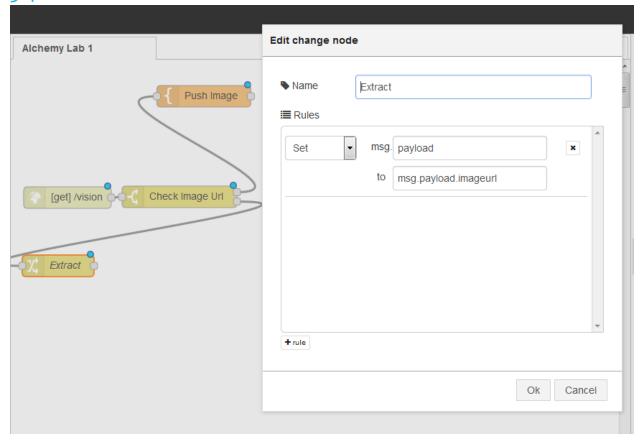
3.3 Add a TEMPLATE node and configure as below



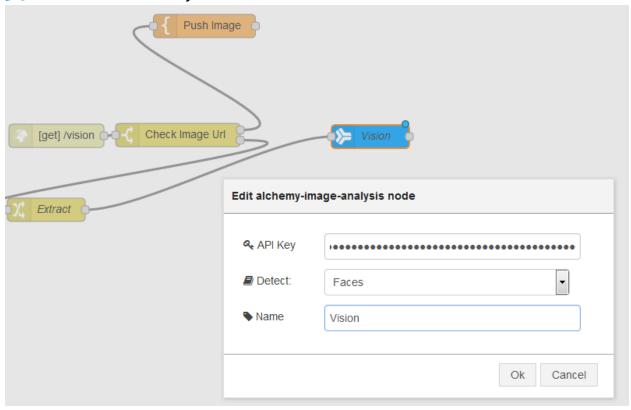
Copy the below HTML and paste here

<h1>IBM ECOD LAB 1</h1>

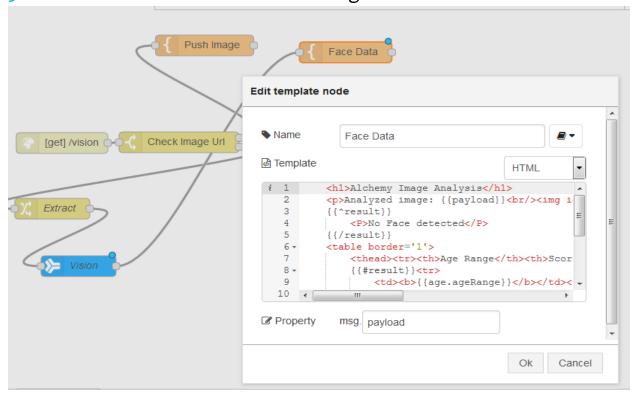
3.4 Add a CHANGE node to convert variables



3.5 Add the Alchemy IMAGE ANALYSIS node



3.6 Add another TEMPLATE and configure as below



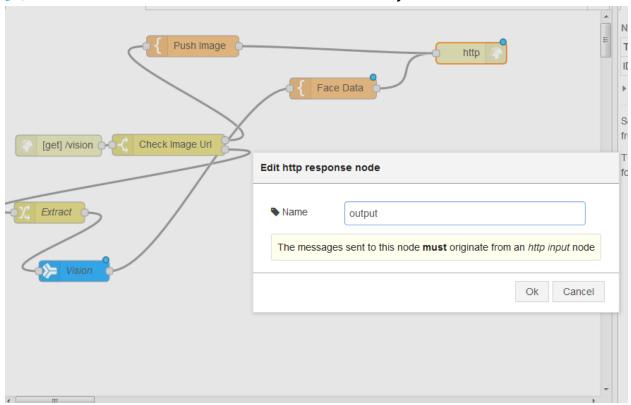
Copy the below HTML and paste here

```
<h!>IBM ECOD LAB 1</h!>
Analyzed image: {{payload}}
{{^result}}
No Face detected
{{/result}}
table border='I'>
thead>
Alpage
Range
Alpage
Range
Alpage
{#result}}
td><b{#result}</p>
tr>
d/age.ageRange}}

\(\lambda\)
\(\lambd
```

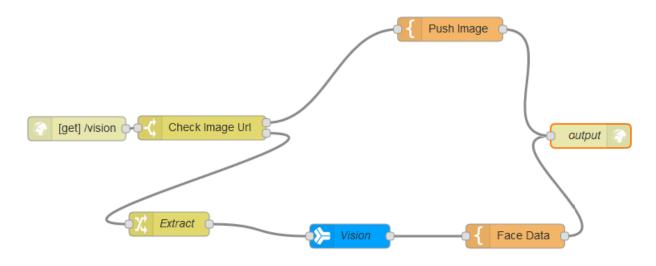
Created by Shubhradeep Nandi for IBM ECOD Bluemix Watson trainings

3.7 Add a HTTP RESPONSE node and modify its name



4 Steps to see Output

4.1 Verify that flow looks as below



- 4.2 Deploy this flow using the Deploy button
- 4.3 See the output using the app url <Your App Name>.mybluemix.net/vision