

Reference List

How to: Work with JSON Data (C++ REST SDK):

<https://msdn.microsoft.com/en-us/library/jj950082.aspx>

JSON in C++ REST sdk examples:

<https://gist.github.com/omouse/21cb00b5a4370e3413b9>

Full-fledged client-server example with C++ REST SDK 1.1.0:

<http://mariusbancila.ro/blog/2013/08/19/full-fledged-client-server-example-with-cpprest-sdk-110/>

HOW to get start with C++ REST sdk and configure it in VS2015:

<https://github.com/Microsoft/cpprestsdk/wiki/Getting-Started-Tutorial>

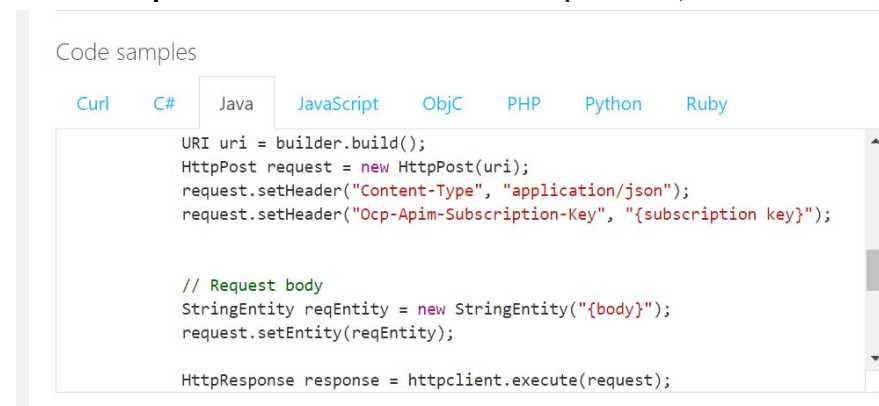
Debugging tools of cognitive service:

<https://www.microsoft.com/cognitive-services/en-us/face-api>

<https://westus.dev.cognitive.microsoft.com/docs/services/563879b61984550e40cbb8d/operations/563879b61984550f30395236/console>

<https://westus.dev.cognitive.microsoft.com/docs/services/563879b61984550e40cbb8d/operations/563879b61984550f30395236>

Code samples that can check and learn(no C++, link as above):



```
Code samples

Curl  C#  Java  JavaScript  ObjC  PHP  Python  Ruby

URI uri = builder.build();
HttpPost request = new HttpPost(uri);
request.setHeader("Content-Type", "application/json");
request.setHeader("Ocp-Apim-Subscription-Key", "{subscription key}");

// Request body
StringEntity reqEntity = new StringEntity("{body}");
request.setEntity(reqEntity);

HttpResponse response = httpClient.execute(request);
```

API references:

JSON: https://microsoft.github.io/cpprestsdk/classweb_1_1json_1_1value.html

HTTP_CLIENT:

https://microsoft.github.io/cpprestsdk/classweb_1_1http_1_1client_1_1http_client.html#a5195fd9b36b8807456bd529e3cdc97f5

Check API subscription key:

<https://www.microsoft.com/cognitive-services/en-US/subscriptions>

C# Face Detection from original cognitive service example:

<https://github.com/Microsoft/Cognitive-Face-Windows/blob/master/ClientLibrary/FaceServiceClient.cs>

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SOME common errors when debugging rest:

```
{"error":{"code":"BadArgument","message":"JSON parsing error."}}
```

Some I don't mark, but it still counts a lot for me, note about the error:

415, 400, 404, 402

Check the response as reference and learn how to debug!

<https://westus.dev.cognitive.microsoft.com/docs/services/563879b61984550e40cbb8d/operations/563879b61984550f30395236>