**Training Registration**

<https://www.eventbrite.com/e/atlanta-apigee-developer-training-nov-28-dec-1-2017-tickets-39209227856>

**OpenAPI Spec Github**

<https://api.apis.guru/v2/specs/github.com/v3/swagger.yaml>

**Remove Accept Header and store value in \_tmp\_accept**

try {

context.setVariable('\_tmp\_accept', context.getVariable('request.header.Accept'));

context.removeVariable('request.header.Accept');

} catch(e){

print(e);

context.setVariable('\_error\_from\_js', e);

}

https://developer.github.com/v3/#rate-limiting

Please use this notepad to share notes with everyone.

**Secured Backends**

<https://apigee-edu-prod.apigee.net/v1/apieatery>

<https://drive.google.com/drive/folders/1bo3hJyfp_IPf4-zC-uQXcF-QYC8sjN9O>

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<OAuthV2 async="false" continueOnError="false" enabled="true" name="OAuth-v20-Generate-Access-Token">

<DisplayName>OAuth v2.0-Generate-Access-Token</DisplayName>

<Properties/>

<Attributes/>

<Expires>86400000</Expires>

<ExternalAuthorization>false</ExternalAuthorization>

<Operation>GenerateAccessToken</Operation>

<SupportedGrantTypes>

<GrantType>client\_credentials</GrantType>

</SupportedGrantTypes>

<GrantType>request.queryparam.grant\_type</GrantType>

<GenerateResponse enabled="true"/>

<Tokens/>

</OAuthV2>

**Generate Token using Authorization Header**

curl -X GET \

'https://testmyapi-test.apigee.net/atlanta-oauth-security-proxy/tokens?grant\_type=client\_credentials'; \

-H 'authorization: Basic {ENCODED\_CLIENT\_ID\_AND\_SECRET}'

curl -X GET \https://testmyapi-test.apigee.net/atlanta-oauth-security-proxy/tokens?grant\_type=client\_credentials' -u {CLIENT\_ID}:{CLIENT\_SECRET}

**Data Masking**

<https://docs.apigee.com/api-services/content/data-masking>

**LinkedIn**

<https://www.linkedin.com/in/diego-zuluaga-7119508/>

TODO:

Copy final API Proxy in shared drive

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**Requirements and Steps:**

1. **POST /ratings -> default (issues with our current end point)**
2. **Find out resource in BaaS**

**BaaS Target for Ratings:**

<https://baas-ug000sr.apigee.net/apigee-training/sandbox>

**Routes to Handle Ratings Route with conditions**

<RouteRule name="TargetEndpoint-BaaS-Ratings">

<TargetEndpoint>TargetEndpoint-BaaS-Ratings</TargetEndpoint>

<Condition>(proxy.pathsuffix MatchesPath "/ratings") and (request.verb = "POST")</Condition>

</RouteRule>

<RouteRule name="default">

<TargetEndpoint>default</TargetEndpoint>

</RouteRule>

**ExtractVariables:**

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<ExtractVariables async="false" continueOnError="true" enabled="true" name="Extract-Variables">

<DisplayName>Extract Variables</DisplayName>

<Properties/>

<JSONPayload>

<Variable name="truck">

<JSONPath>$.truck</JSONPath>

</Variable>

<Variable name="comment">

<JSONPath>$.comment</JSONPath>

</Variable>

<Variable name="commenter">

<JSONPath>$.commenter</JSONPath>

</Variable>

<Variable name="score">

<JSONPath>$.score</JSONPath>

</Variable>

</JSONPayload>

<Source clearPayload="false">request</Source>

</ExtractVariables>

**Try GCP and Cloud Shell**

<https://console.cloud.google.com>

**Take a look at GCP Free Tier**

<https://cloud.google.com/free>

**Check apieatery-diego-atlanta\_rev1\_2017\_11\_30.zip for Mashup with ServiceCallout and JavaScript**

apieatery-diego-atlanta\_rev1\_2017\_11\_30.zip

**Mocks with Node-Nock**

<https://github.com/dzuluaga/apigee-tutorials/tree/master/apiproxies/nodejs-mock-api-proxy>

<https://community.apigee.com/articles/27779/how-to-mock-a-target-backend-with-a-nodejs-api-pro-1.html>

<https://github.com/apigee-127/swagger-tools/blob/master/docs/QuickStart.md>

**Apigeetool**

apigeetool deployproxy -n apieatery-diego-atlanta -u $ae\_username -p $ae\_password -d . -o testmyapi -e test -V

**TODO**

* **E**ncryption AES Key Wrap (Chidham)
* JWT with an External Identity Provider (Hitesh)
* PCI Compliance
* Data Masking templates (Chidham) - Post on Apigee Community
* chat room for group (Diego)

curl -s -d "grant\_type=password" --data-urlencode "username=$ae\_username" --data-urlencode "password=$ae\_password" https://login.apigee.com/oauth/token --header "Content-Type: application/x-www-form-urlencoded;charset=utf-8" -H "accept: application/json;charset=utf-8" -H "authorization: Basic ZWRnZWNsaTplZGdlY2xpc2VjcmV0"

**Express**

var express = require('express');

var app = express();

app.get('/', function(req, res){

res.send('hello world');

});

app.listen(3000);