# API by JavaScript

# Lesson 1 : Basic knowledges

Use http to get information from a server. A server stores files, images and many others ressources or stores the references of them.

## Request:

Example:

POST /codecademy/learn-http HTTP/1.1

Host: www.codecademy.com

Content-Type: text/html; charset=UTF-8

Name=Eric&Age=26

XMLHttprequest: GET, POST, PUT, DELETE (GET is the most used)

Method: open() and send() , setRequestHeader

Attribute: status, statusText, reponseXML,

A request is composed by three parts: the request line, the header and the body.

Endpoints: API-defined locations where particular data are stored.

APIKEY: authentificaiton

## Reponse:

Example:

HTTP/1.1 200 OK

Content-Type: text/xml; charset=UTF-8

<?xml version="1.0" encoding="utf-8"?>

<string xmlns="http://www.codecademy.com/">Accepted</string>

Reponse can be in data format of XML, text, json.

# Lesson2 Google API Client-Library for Javascript

<script src="https://apis.google.com/js/client.js?onload=onClientLoad" type="text/javascript"></script>

It will call onClientLoad () when onloaded.

gapi.client.load(“name”,”version”,”callback”) = gapi.client.api.