

Front End Development

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Using third party API's and datasources

SESSION TYPE : LESSON

WBD4300

Using third party API's and data-sources

Introduction of Third party API in JavaScript

Google API & Restful API (Twitter)

My Experience of API's

Recap

Pop Quiz

Workshop:

Practice on Google recaptcha v2

Learning Outcomes

In this lesson and workshop your will learn...

What an API is

How its used

Names of Common API's

Third Party APIs

Using Third Party APIs
Application Programming Interface.

Examples:
Libraries and Frameworks
Remote API
Web API

Data Sources:

<https://www.cia.gov/library/publications/the-world-factbook/>

<http://aws.amazon.com/datasets> Huge resource of public data, including the 1000 Genome Project

Google API & Restful API (Twitter)

Google API









AJAX

Analytics.

Restful API
(Twitter)



Google API & Restful API (Twitter)

	Accelerated Mobile Pages (AMP) URL API	v1	This API contains a single method, batchGet. Call this method to retrieve the AMP URL (and equivalent AMP Cache URL) for given public URL(s).
	Ad Exchange Buyer API	v1.4	Accesses your bidding-account information, submits creatives for validation, finds available direct deals, and retrieves performance reports.
	Ad Exchange Buyer API II	v2beta1	Accesses the latest features for managing Ad Exchange accounts, Real-Time Bidding configurations and auction metrics, and Marketplace programmatic deals.
	Ad Exchange Seller API	v2.0	Accesses the inventory of Ad Exchange seller users and generates reports.
	Admin Reports API	reports_v1	Fetches reports for the administrators of G Suite customers about the usage, collaboration, security, and risk for their users.
	AdSense Host API	v4.1	Limited Availability Generates performance reports, generates ad codes, and provides publisher management capabilities for AdSense Hosts.
	AdSense Management API	v1.4	Accesses AdSense publishers' inventory and generates performance reports.
	Android Device Provisioning Partner API	v1	Automates reseller integration into zero-touch enrollment by assigning devices to customers and creating device reports.

Recap

An API is an Application Programming Interface.

Examples are Libraries and Frameworks, Remote API's, Web API's.

Twitter uses the restful API.

POP QUIZ

1. What does API stand For?
2. Name an API?
3. Is Google an API?
4. How are API's used?
5. What is the name for Twitters API?

POP QUIZ - Answers

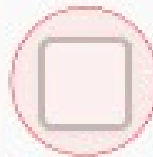
1. Advanced Programming Interface
2. Google Maps or Restful
3. No
4. To use data sources from other websites.

5. Restful

Self Directed:

Practice on Google recaptcha v2

Tough on bots
Easy on humans



I'm not a robot



reCAPTCHA

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Workshop

Inserting Google Recaptcha