

# Web Services/APIs

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Week Eight

CS-498

# Fax Service- RingCentral Fax API

- Purpose: Send Fax Web API is based on a single HTTP POST request with multipart/form-data body through which un-rendered fax data is passed to the web.
- Input:
  - Username, Password, Recipient, Coverpage, Coverpagetext, Resolution, Sendtime, Attachment,
- Output:
  - 0 - Successful
  - 1 - Authorization failed
  - 2 - Faxing is prohibited for the account
  - 3 - No recipients specified
  - 4 - No fax data specified
  - 5 - Generic error

Source: <http://service.ringcentral.com/faxoutapi/>

# World clock & Time Zone Service- World Time Engine

- Purpose: A tool for developers to tap in to time information world wide. Need the local time for any place on earth? With the World Time Engine API you can search by place names, co-ordinates and IP Addresses to get current local times quickly and easily for use in your own services and applications.
- Input:
  - Latitude/Longitude, IP Address
- Output:
  - XML response

Source:<http://worldtimeengine.com/api/>

# Mapping – Blogama

- Purpose: Web based IP geolocation lookup
- Input:
  - IP Address
- Output:
  - XML response

Source:[http://ipinfodb.com/ip\\_location\\_api.php](http://ipinfodb.com/ip_location_api.php)

# Database (Q&A)- Hunch

- Purpose: Hunch allows access to its data and embeddable content through an API. Developers can make use of this API in many ways, such as: Putting an embeddable version of a Hunch topic on your web site. For example, if you have a blog about dogs you could embed our "which dog breed is best for me" topic in your sidebar.
- Porting Hunch to a mobile device or other platform such as SMS, Twitter, IVR etc.
- **Querying** our "taste database" for **correlations**, **predictive variables**, and more. For example, you could ask our taste database for the correlation between people who own guns and the people who like SUVs, or what the most salient personal trait is for predicting whether someone likes the movie Napoleon Dynamite. Over time we hope to provide a complete database of people's aggregated taste preferences. Note that all data provided here is anonymized and aggregated to protect our users' privacy.

Source:<http://www.hunch.com/developers/>

# Chat- Meebo

- Purpose: From their site: meebo.com is a website for instant messaging from absolutely anywhere. Whether you're at home, on campus, at work, or traveling foreign lands, hop over to meebo.com on any computer to access all of your buddies (on AIM, Yahoo!, MSN, Google Talk, ICQ and Jabber) and chat with them, no downloads or installs required.

Source:<http://www.meebo.com/platform/>

# Credit Check- Cortera Credit Pulse

- Purpose: Determine the credit risk of a business with Cortera's business credit score and summary level trade payment information. Cortera Credit Pulse provides credit score and summary level trade payment information on businesses. Cortera Credit Pulse gives you an inexpensive alternative from traditional business credit sources for credit risk information on millions of US business locations. Information includes a payment score, number of payment experiences, past due payment experiences, average days beyond terms (DBT) and more.

Source:<http://www.strikeiron.com/ProductDetail.aspx?p=408>

# Speech Recognition Service for Dialer Apps – ifbyphone

- Purpose: Enables you to develop a forms-based web application to create a sophisticated IVR (*interactive voice response*) system. For example, create a simple application to trigger outbound calls or build a more complex voice application that chains together a series of SurVo (Ifbyphone) voice forms. API are built to a custom Click-to-Call, reminder call or wake-up call, as well as order-status, event-notification, anonymous-calling, automated dialers, and customer service applications.

Source: <http://public.ifbyphone.com/partners/developers>



# Thesaurus lookup services - Big Huge Thesaurus

- Purpose: Use the Big Huge Thesaurus API to get synonyms for words, as well as antonyms, related terms, and similar terms. This is a free, English language thesaurus with over 145,000 words. No API key required if you make fewer than 10,000 calls per day. Version 1 has simple output, and version 2 has enhanced output, including the part of speech and relationships to the submitted word.
- Input: `http://words.bighugelabs.com/api/{version}/{apikey}/{word}/{format}`
- Output: text, xml, json (JavaScript Object Notation)

Source: <http://words.bighugelabs.com/api.php>

# Wifi positioning services- Skyhook Wireless

- Purpose: The Skyhook Wi-Fi Positioning System APIs let you quickly location-enable your application, service or device – and reach an addressable market of over 100 million Wi-Fi enabled laptops, devices and PDAs. Using open standards and a simple web services format, it can generally be implemented in less than a day, making WPS a simple and easy to use location positioning technology.

Source: <http://www.skyhookwireless.com/developers/sdk.php>

# Document analysis service – Topicalizer

- Purpose: Topicalizer is a text analysis and topic extraction tool. Based on methods of computational linguistics it provides various analyses for a given URL or plain text. These comprise, amongst others, language recognition, lexical density, keywords, collocations, word and phrase frequencies, readability and a short abstract. Topicalizer can, for instance, be used for automatically tagging a website or blog entry with semantic information or for retrieving summaries for web pages.

Source: <http://www.topicalizer.com/api/>