



BuildaSearch “Search Clash” API

version 0.5 ((05.26.09))

“Search Clash” is the bringing together of unrelated data sources into one synchronous search.

Our API consists of three components: SDE (Search Development Environment), Third-Party data sources, and BuildaSearch XML based API. Continuing the simplicity of BuildaSearch, our SDE allows users to build, test, and rollout custom “Search Clashes” without any coding. Third-party data provides unlimited content for building custom search engines. The BuildaSearch XML API allows developers to easily integrate their “Search Clash” into any blog or business website, regardless of programming language.

Search Development Environment (SDE)

Our Web-based SDE provides developers with an easy to use interface for building custom search engines. Unlike other development environments, the BuildaSearch “SDE” requires no coding in order to work the magic.

Note: Most third-party APIs require some sort of authentication “secret key”. Unfortunately BuildaSearch does not provide third-party unique keys. It is important you have proper access to any given API for “Search Clash” to function properly. We do provide a “secret key” for accessing the BuildaSearch API.

BuildaSearch provides a list of predefined APIs: Yahoo, Live, Oodle, Indeed and others.

All predefined APIs are the exact URL of the original API except for our custom tags. These custom tags allows BuildaSearch to format data uniformly throughout APIs. As of our current API release “0.5” we have four tags. Below are two examples of predefined API Urls with BuildaSearch custom tags.

[http://boss.yahooapis.com/ysearch/news/v1/BaSearch?
appid=BaSecret&format=xml&age=25d&count=BaCount&start=BaStart](http://boss.yahooapis.com/ysearch/news/v1/BaSearch?appid=BaSecret&format=xml&age=25d&count=BaCount&start=BaStart)

[http://www.google.com/base/feeds/snippets?q=BaSearch&start-index=BaStart&max-
results=BaCount](http://www.google.com/base/feeds/snippets?q=BaSearch&start-index=BaStart&max-results=BaCount)

Description of BuildaSearch Custom API Tags	
BaSearch	Queries any data source for given keyword or phrases (required)
BaSecret	Placement of Secret Key if applicable to API (optional)
BaCount	Displays X amount of results for given API (optional)
BaStart	Starting point for any API results. Essential for Pagination (optional)

The “BaSearch” custom tag is required for all API Urls. All API strings can be modified following the rules of the 3rd party API.

Predefined APIs can be accessed in the SDE by clicking on “[api](#)” and searching using the name of API. When using predefined APIs, all parameters are automatically filled except for the “search query” and the “secret code”.

Third-Party Data Sources and APIs

The “Search Clash” API release not only marks a milestone for the direction BuildaSearch is taking, but also marks the beginning of a new open BuildaSearch. In order to make “Search Clash” more robust and infinitely customizable, BuildaSearch is reliant on external data sources.

Feel free to use any API you choose, just remember to use the BuildaSearch custom tags. If you would like to submit an API contact us at <http://buildasearch.com/contact/>

A Few Predefined APIs
Yahoo! Web
Yahoo! News
Live Web
Live Mobile
Live News
BuildaSearch BAS
DuckDuckGo
Gigablast
Oodle
Indeed
Google Base
Hakia Web

BuildaSearch XML API

Accessing and using the BuildaSearch API is pretty straight forward, only four parameters are needed for a fully functional “Search Clash”.

Note: BuildaSearch “Secret Code” must be provided in order to properly access your custom search or “Search Clash” from an external website. Below is the url you need to access your custom XML API.

http://www.buildasearch.com/api/Your_Secret_Code?e=Your_Query&start=0&count=10

API Usage	
secret code	32 digit key provided by BuildaSearch
query	Keywords or phrases
start	Starting point for results (0 - 100)

count	Display X number of results (1 - 10)
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Note: When creating a custom XML with only one search, values must be filled in “Website ((1))” placing values in “Website ((2))” for a single search will return zero results.

Search Clash Response Tags	
query	Processed url and querystring
bastotal	Total results found (Average if Search Clash)
bastart	Starting point for results
bacount	Amount of results being displayed
longurl	Original url of result.
title	Title of record or result *
basummary	Description of result *
showurl	Display Shortened url *
* Tag content may be replaced with any 3 rd Party API content.	

BuildaSearch Search Clash XML Response

```
<response version="0.5">
<results>
<query>
http://www.buildasearch.com/api/your_key?e=graphic%20designer&start=10&count=2
</query>
<bastotal>4020</bastotal>
<bastart>10</bastart>
<bacount>5</bacount>
<basresult>
<longurl>
http://www.indeed.com/viewjob?jk=c0acf311aa2bd1a1&qd=5VFHdOOZfZHB_NgV-
bCRhrLXXBmiGZFbGjK46Fw13AjLaz8Jwkee6uIzerYgmg4MZXHOFBDOvQbwQHV8J9DSrqm1Aj3izkOw87NHJgxznYA&rd
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</longurl>
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<basummary>
2009
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Employment Status... 40
Job Description:
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<b>GRAPHIC</b> <b>DESIGNER</b> ADVERTISING BRANCH
Requisition...
</basummary>
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</basresult>
<basresult>
<longurl>
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%3A/www.davidairey.com/"
</longurl>
<title>
```

```
David Airey " <b>graphic</b> <b>designer</b>, logo <b>designer</b>
</title>
<basummary>
<b>Graphic</b> <b>designer</b> with a passion for logos. View my logo <b>designer</b> portfolio and read free logo
<b>...</b> Dealing with <b>designers</b>. <b>Graphic</b> design. Logo design <b>...</b>
</basummary>
<showurl>www.<b>davidairey.com</b></showurl>
</basresult>
</results>
</response>
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