

# REST Auto Complete API

## Overview

The Auto Complete API allows developers to access the various auto complete providers from Javascript front ends. Make sure to read the document on [Enable Query Completion](#) to learn more about how to configure and expand the **autocomplete** module. The `simple` and `simpleJsonp` methods described below are designed to work with the [jQuery autocomplete](#) emodule out of the box.



### Required Modules

These features require that the **rest** module be included when you run **createproject** to create the project directories.



### REST API Parameters

The master list of QueryRequest REST parameters is on the [HTTP REST APIs](#) page.

[View incoming links.](#) >>

[SUIT and Search UI](#)

## Endpoint URIs

All methods below take a provider name as a URL argument.

URL	METHOD	Input	Output
<code>http://yourAieHost:17000/rest/autocompleteApi/getProviderNames</code>	GET		JSON string array of available provider names
<code>http://yourAieHost:17000/rest/autocompleteApi/simple/{providerName}</code>	GET	CGI argument 'term=XYZ' where XYZ represents the term to provide suggestions for. This is the default mechanism that jQuery uses to source autocomplete suggestions.	JSON string array of suggestions
<code>http://yourAieHost:17000/rest/autocompleteApi/richCgi/{providerName}</code>	GET	Standard AIE REST / CGI arguments	JSON string array of suggestions.
<code>http://yourAieHost:17000/rest/autocompleteApi/richPost/{providerName}</code>	POST	Simple Query Request model from <a href="#">REST Query API</a>	JSON string array of suggestions.