



Search Class

Use the methods of the Search class to perform dynamic SOSL queries.

Namespace

System

Search Methods

The following are static methods for Search.

- **[find\(searchQuery\)](#)**
Performs a dynamic SOSL query that can include the SOSL WITH SNIPPET clause. Snippets provide more context for users in Salesforce Knowledge article search results.
- **[find\(searchQuery, accessLevel\)](#)**
Performs a dynamic SOSL query that can include the SOSL WITH SNIPPET clause. Snippets provide more context for users in Salesforce Knowledge article search results.
- **[query\(query\)](#)**
Performs a dynamic SOSL query.
- **[query\(query, accessLevel\)](#)**
Performs a dynamic SOSL query.
- **[suggest\(searchQuery, sObjectType, suggestions\)](#)**
Returns a list of records or Salesforce Knowledge articles whose names or titles match the user's search query string. Use this method to provide users with shortcuts to navigate to relevant records or articles before they perform a search.
- **[suggest\(searchQuery, sObjectType, suggestions, accessLevel\)](#)**
Returns a list of records or Salesforce Knowledge articles whose names or titles match the user's search query string. Use this method to provide users with shortcuts to navigate to relevant records or articles before they perform a search.

find(searchQuery)

Performs a dynamic SOSL query that can include the SOSL WITH SNIPPET clause. Snippets provide more context for users in Salesforce Knowledge article search results.

Signature

```
public static Search.SearchResults find(String searchQuery)
```

Parameters

searchQuery

Type: [String](#)

A SOSL query string.

Return Value

Type: [Search.SearchResults](#)

Usage



See Also

- [get\(sObjectType\)](#)
- [Apex Developer Guide: Dynamic SOSL](#)

find(searchQuery, accessLevel)

Performs a dynamic SOSL query that can include the SOSL `WITH SNIPPET` clause. Snippets provide more context for users in Salesforce Knowledge article search results.

Signature

```
public static Search.SearchResults find(String searchQuery, System.AccessLevel accessLevel)
```

Parameters

searchQuery

Type: [String](#)

A SOSL query string.

accessLevel

Type: [System.AccessLevel](#)

(Optional) The *accessLevel* parameter specifies whether the method runs in system mode (`AccessLevel.SYSTEM_MODE`) or user mode (`AccessLevel.USER_MODE`). In system mode, the object and field-level permissions of the current user are ignored, and the record sharing rules are controlled by the [class sharing keywords](#). In user mode, the object permissions, field-level security, and sharing rules of the current user are enforced. System mode is the default.

Return Value

Type: [Search.SearchResults](#)

Usage

Use this method wherever a static SOSL query can be used, such as in regular assignment statements and for loops.

See [Use Dynamic SOSL to Return Snippets](#).

query(query)

Performs a dynamic SOSL query.

Signature

```
public static sObject[sObject[]] query(String query)
```

Parameters

query

Type: [String](#)

A SOSL query string.

To create a SOSL query that includes the `WITH SNIPPET` clause, use the [Search.find\(String searchQuery\)](#) method instead.

Return Value

Type: [sObject\[sObject\[\]\]](#)



For more information, see [Dynamic SOSL](#).

query(query, accessLevel)

Performs a dynamic SOSL query.

Signature

```
public static List<List<SObject>> query(String query, System.AccessLevel accessLevel)
```

Parameters

query

Type: [String](#)

A SOSL query string.

To create a SOSL query that includes the `WITH SNIPPET` clause, use the [Search.find\(String searchQuery\)](#) method instead.

accessLevel

Type: [System.AccessLevel](#)

(Optional) The *accessLevel* parameter specifies whether the method runs in system mode (`AccessLevel.SYSTEM_MODE`) or user mode (`AccessLevel.USER_MODE`). In system mode, the object and field-level permissions of the current user are ignored, and the record sharing rules are controlled by the [class sharing keywords](#). In user mode, the object permissions, field-level security, and sharing rules of the current user are enforced. System mode is the default.

Return Value

Type: [sObject\[sObject\[\]\]](#)

Usage

This method can be used wherever a static SOSL query can be used, such as in regular assignment statements and `for` loops.

For more information, see [Dynamic SOSL](#).

suggest(searchQuery, sObjectType, suggestions)

Returns a list of records or Salesforce Knowledge articles whose names or titles match the user's search query string. Use this method to provide users with shortcuts to navigate to relevant records or articles before they perform a search.

Signature

```
public static Search.SuggestionResults suggest(String searchQuery, String sObjectType, Search.SuggestionOption suggestions)
```

Parameters

searchQuery

Type: [String](#)

A SOSL query string.

sObjectType

Type: [String](#)

An sObject type.



If the *searchQuery* returns *KnowledgeArticleVersion* objects, pass an *options* parameter with a *Search.SuggestionOption* object that contains a language *KnowledgeSuggestionFilter* and a publish status *KnowledgeSuggestionFilter*.

For suggestions for all other record types, the only supported option is a limit, which sets the maximum number of suggestions returned.

Return Value

Type: [SuggestionResults](#)

Usage

Use this method to return:

Suggestions for Salesforce Knowledge articles (*KnowledgeArticleVersion*)

Salesforce Knowledge must be enabled in your organization. The user must have the “View Articles” permission enabled.

The articles suggested include only the articles the user can access, based on the data categories and article types the user has permissions to view.

Suggestions for other record types

The records suggested include only the records the user can access.

This method returns a record if its name field starts with the text in the search string. This method automatically appends an asterisk wildcard (*) at the end of the search string. Records that contain the search string within a word aren't considered a match.

Records are suggested if the entire search string is found in the record name, in the same order as specified in the search string. For example, the text string *national u* is treated as *national u** and returns “National Utility” and “National Urban Company” but not “National Company Utility” or “Urban National Company”.

Note

If the user's search query contains quotation marks or wildcards, those symbols are automatically removed from the query string in the URI.

See Also

- [Apex Developer Guide: Suggest Salesforce Knowledge Articles](#)

suggest(searchQuery, sObjectType, suggestions, accessLevel)

Returns a list of records or Salesforce Knowledge articles whose names or titles match the user's search query string. Use this method to provide users with shortcuts to navigate to relevant records or articles before they perform a search.

Signature

```
public static Search.SuggestionResults suggest(String searchQuery, String sObjectType,  
Search.SuggestionOption suggestions, System.AccessLevel accessLevel)
```

Parameters

searchQuery

Type: [String](#)

A SOSL query string.



suggestions

Type: [Search.SuggestionOption](#)

This object contains options that change the suggestion results.

If the *searchQuery* returns *KnowledgeArticleVersion* objects, pass an *options* parameter with a *Search.SuggestionOption* object that contains a language *KnowledgeSuggestionFilter* and a publish status *KnowledgeSuggestionFilter*.

For suggestions for all other record types, the only supported option is a limit, which sets the maximum number of suggestions returned.

accessLevel

Type: [System.AccessLevel](#)

(Optional) The *accessLevel* parameter specifies whether the method runs in system mode (*AccessLevel.SYSTEM_MODE*) or user mode (*AccessLevel.USER_MODE*). In system mode, the object and field-level permissions of the current user are ignored, and the record sharing rules are controlled by the [class sharing keywords](#). In user mode, the object permissions, field-level security, and sharing rules of the current user are enforced. System mode is the default.

Return Value

Type: [SuggestionResults](#)

Usage

Use this method to return:

Suggestions for Salesforce Knowledge articles (*KnowledgeArticleVersion*)

Salesforce Knowledge must be enabled in your organization. The user must have the “View Articles” permission enabled.

The articles suggested include only the articles the user can access, based on the data categories and article types the user has permissions to view.

Suggestions for other record types

The records suggested include only the records the user can access.

This method returns a record if its name field starts with the text in the search string. This method automatically appends an asterisk wildcard (*) at the end of the search string. Records that contain the search string within a word aren’t considered a match.

Records are suggested if the entire search string is found in the record name, in the same order as specified in the search string. For example, the text string *national u* is treated as *national u** and returns “National Utility” and “National Urban Company” but not “National Company Utility” or “Urban National Company”.

Note

If the user’s search query contains quotation marks or wildcards, those symbols are automatically removed from the query string in the URI.

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