

Preliminary

# [MS-SRCHCSOM]: Search Client Query Protocol Specification

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## Revision Summary

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## 1 Introduction

The Search Client Query Protocol provides types, methods, and properties to enable a protocol client to issue search queries against a protocol server hosting a search service application.

Sections 1.8, 2, and 3 of this specification are normative and can contain the terms MAY, SHOULD, MUST, MUST NOT, and SHOULD NOT as defined in RFC 2119. Sections 1.5 and 1.9 are also normative but cannot contain those terms. All other sections and examples in this specification are informative.

### 1.1 Glossary

The following terms are defined in [\[MS-GLOS\]](#):

**context**

**Hypertext Transfer Protocol (HTTP)**

**Hypertext Transfer Protocol over Secure Sockets Layer (HTTPS)**

**language code identifier (LCID)**

The following terms are defined in [\[MS-OFCGLOS\]](#):

**content source**

**CSOM Boolean**

**CSOM DateTime**

**CSOM dictionary**

**CSOM GUID**

**CSOM Int16**

**CSOM Int32**

**CSOM Int64**

**CSOM Single  
CSOM String  
document  
endpoint  
JavaScript Object Notation (JSON)  
partition identifier  
permission  
post-query suggestions  
pre-query suggestions  
query result  
result source  
search query  
search service application  
site  
Uniform Resource Identifier (URI)  
Uniform Resource Locator (URL)**

The following terms are specific to this document:

**MAY, SHOULD, MUST, SHOULD NOT, MUST NOT:** These terms (in all caps) are used as described in [\[RFC2119\]](#). All statements of optional behavior use either MAY, SHOULD, or SHOULD NOT.

## 1.2 References

References to Microsoft Open Specifications documentation do not include a publishing year because links are to the latest version of the documents, which are updated frequently. References to other documents include a publishing year when one is available.

### 1.2.1 Normative References

We conduct frequent surveys of the normative references to assure their continued availability. If you have any issue with finding a normative reference, please contact [dochelp@microsoft.com](mailto:dochelp@microsoft.com). We will assist you in finding the relevant information. Please check the archive site, <http://msdn2.microsoft.com/en-us/library/E4BD6494-06AD-4aed-9823-445E921C9624>, as an additional source.

[MS-CSOM] Microsoft Corporation, "[SharePoint Client Query Protocol Specification](#)".

[MS-CSOMREST] Microsoft Corporation, "[SharePoint Client Query OData Protocol Specification](#)".

[MS-QSSWS] Microsoft Corporation, "[Search Query Shared Services Protocol Specification](#)".

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, March 1997, <http://www.rfc-editor.org/rfc/rfc2119.txt>

[RFC2616] Fielding, R., Gettys, J., Mogul, J., et al., "Hypertext Transfer Protocol -- HTTP/1.1", RFC 2616, June 1999, <http://www.ietf.org/rfc/rfc2616.txt>

[RFC2818] Rescorla, E., "HTTP Over TLS", RFC 2818, May 2000, <http://www.ietf.org/rfc/rfc2818.txt>

[RFC3066] Alvestrand, H., "Tags for the Identification of Language", RFC 3066, January 2001, <http://www.ietf.org/rfc/rfc3066.txt>

[RFC4627] Crockford, D., "The application/json Media Type for Javascript Object Notation (JSON)", RFC 4627, July 2006, <http://www.ietf.org/rfc/rfc4627.txt>

### 1.2.2 Informative References

[MS-GLOS] Microsoft Corporation, "[Windows Protocols Master Glossary](#)".

[MS-OFCGLOS] Microsoft Corporation, "[Microsoft Office Master Glossary](#)".

### 1.3 Overview

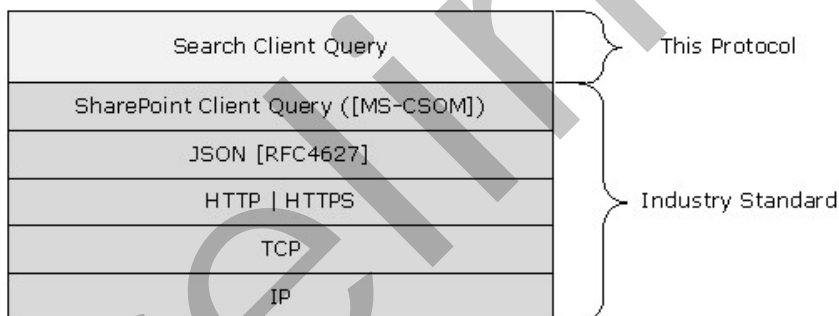
This protocol allows a protocol client to issue **search queries** against a protocol server hosting a **search service application**.

Typical scenarios for using this protocol include:

- A protocol client issues a search query to the protocol server, and the protocol server responds with **query results**.
- A protocol client issues a search query to the protocol server, and the protocol server responds with **pre-query suggestions** or **post-query suggestions**.
- A protocol client notifies the protocol server of errors encountered on the protocol client and timing of protocol client processing stages. The protocol server records these errors and time intervals for logging.

### 1.4 Relationship to Other Protocols

The Search Client Query Protocol is a set of types, properties, and methods that can be accessed by using the SharePoint Client Query protocol as specified in [\[MS-CSOM\]](#). This protocol uses **JSON** as specified in [\[RFC4627\]](#) to format data returned to a protocol client. This protocol also uses **HTTP**, as specified in [\[RFC2616\]](#), and **HTTPS**, as specified in [\[RFC2818\]](#). The dependencies for this protocol are shown in the following layering diagram.



**Figure 1: This protocol in relation to other protocols**

### 1.5 Prerequisites/Preconditions

This protocol operates against a protocol server that exposes one or more **endpoint (4) URIs** that are known by protocol clients.

This protocol assumes that authentication has been performed by underlying protocols.

This protocol requires the protocol client to have appropriate permission to call the methods on the protocol server.

## **1.6 Applicability Statement**

This protocol can be used by a protocol client to issue search queries against a protocol server hosting a search service application.

This protocol is optimized to enable a protocol client to specify the exact set of data and operations to perform in a single batch, making it suitable for situations where the connection speed between the protocol client and the protocol server can be slow.

This protocol is not suitable and is inefficient if both the protocol client and protocol server are on the same computer. In this case, the client should use an API that does not require communication over a network.

## **1.7 Versioning and Capability Negotiation**

None.

## **1.8 Vendor-Extensible Fields**

None.

## **1.9 Standards Assignments**

None.

## 2 Messages

### 2.1 Transport

Messages are transported by using the SharePoint Client Query Protocol, as specified in [\[MS-CSOM\]](#).

### 2.2 Message Syntax

None.

#### 2.2.1 Namespaces

None.

#### 2.2.2 Common Exceptions

Protocol server hosting the search service application MUST validate the request from the protocol client. When a protocol server processes a CSOM operation in the request, the following table lists common exceptions that could occur when accessing or updating a property or invoking a method.

Error Code	Error Type Name	Condition
- 2147024891	System.UnauthorizedAccessException	The user does not have <b>permission</b> to access a property, update a property or call a method.

Besides the preceding exceptions and the exceptions that are listed for the specific properties or methods, the protocol server can return other exceptions to the protocol client, for which the protocol client could use the error message for display purpose but could not use the error code or error type to determine the causes of the exception.

Unless specified, exceptions listed for the specific properties are thrown for both read and write operations.

## 3 Protocol Details

### 3.1 Client Details

The client side of this protocol is simply a pass-through. That is, no additional timers or other state is required on the client side of this protocol. Calls that are made by the higher-layer protocol or application are passed directly to the transport, and the results that are returned by the transport are passed directly to the higher-layer protocol or application.

#### 3.1.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this protocol. The described organization is provided to facilitate the explanation of how the protocol behaves. This **document** does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

This protocol deals with various objects associated with Search Service to execute a search query for storing verbose query monitoring data or to store query log data and other objects as specified in [\[MS-QSSWS\]](#).

#### 3.1.2 Timers

None.

#### 3.1.3 Initialization

None.

#### 3.1.4 Higher-Layer Triggered Events

None.

#### 3.1.5 Message Processing Events and Sequencing Rules

##### 3.1.5.1 Microsoft.Office.Server.Search.REST.CustomResult

**TypeId:** {B3EB596A-C665-4B31-AFBE-BBF07EB1B70D}

**ShortName:** Microsoft.Office.Server.Search.REST.CustomResult

CustomResult is a ResultTable, as specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

The TableType property MUST be of any result table type as specified in [\[MS-QSSWS\]](#) section 2.2.5.5 except:

- RelevantResults
- RefinementResults
- SpecialTermResults



### 3.1.5.1.1 Properties

#### 3.1.5.1.1.1 Scalar Properties

##### 3.1.5.1.1.1.1 Rows

**Type:** Microsoft.SharePoint.Client.SimpleDataTable

**Accessibility:** Read/Write

As specified in [\[MS-CSOMREST\]](#) section 3.1.5.1.3.3.

Contains the list of query results.

##### 3.1.5.1.1.1.2 TableType

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

##### 3.1.5.1.1.1.3 Properties

**Type:** CSOM dictionary

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

##### 3.1.5.1.1.2 ObjectPath Properties

None.

### 3.1.5.2 Microsoft.Office.Server.Search.REST.Entry

**TypeId:** {316905B6-359D-44A3-B728-25F2D292E1E8}

**ShortName:** Microsoft.Office.Server.Search.REST.Entry

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.10.

#### 3.1.5.2.1 Properties

##### 3.1.5.2.1.1 Scalar Properties

###### 3.1.5.2.1.1.1 RefinementCount

**Type:** CSOM Int64

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.10.

### 3.1.5.2.1.1.2 RefinementName

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.10.

### 3.1.5.2.1.1.3 RefinementToken

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.10.

### 3.1.5.2.1.1.4 RefinementValue

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.10.

### 3.1.5.2.1.2 ObjectPath Properties

None.

## 3.1.5.3 Microsoft.Office.Server.Search.REST.QueryResult

**TypeId:** {5DA4B313-CA4A-4BC7-B9DE-98EA5F4E727B}

**ShortName:** Microsoft.Office.Server.Search.REST.QueryResult

The QueryResult type is a grouping of result tables, where each contained result table is a ResultTable as specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

All result tables contained in the same QueryResult MUST share the same QueryId.

A QueryResult structure accessed by the PrimaryQueryResults property of a SearchResults structure MUST NOT be associated with a Query Rule, and MUST have the QueryRuleId populated with the value {00000000-0000-0000-0000-000000000000}.

Each QueryResult structure contained in the SecondaryQueryResults of the SearchResults structure MUST be associated with an individual Query Rule, and MUST have the QueryRuleId populated with a value other than {00000000-0000-0000-0000-000000000000}.

A valid QueryResult MUST have one or more result tables accessed through one or more of the following properties:

- CustomResults
- RefinementResults
- RelevantResults

- **SpecialTermResults**

CustomResults is a CSOM Array that contains zero or more CustomResult instances. A CustomResult instance is a ResultTable with ResultType of any kind (except RefinementResult, RelevantResults, and SpecialTermResults), as specified in [\[MS-QSSWS\]](#) section 2.2.5.5.

RefinementResult is a ResultTable with ResultType RefinementResults as specified in [\[MS-QSSWS\]](#) section 2.2.5.5.

RelevantResults is a ResultTable with ResultType RelevantResults as specified in [\[MS-QSSWS\]](#) section 2.2.5.5.

SpecialTermResults is a ResultTable with ResultType SpecialTermResults as specified in [\[MS-QSSWS\]](#) section 2.2.5.5.

### **3.1.5.3.1 Properties**

#### **3.1.5.3.1.1 Scalar Properties**

##### **3.1.5.3.1.1.1 CustomResults**

**Type:** CSOM Array

**Accessibility:** Read/Write

An array of CustomResult as specified in section [3.1.5.1](#).

##### **3.1.5.3.1.1.2 GroupTypeId**

**Type:** **CSOM GUID**

**Accessibility:** Read/Write

Specifies the group type identifier.

##### **3.1.5.3.1.1.3 QueryId**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

##### **3.1.5.3.1.1.4 QueryRuleId**

**Type:** CSOM GUID

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

##### **3.1.5.3.1.1.5 RefinementResults**

**Type:** Microsoft.Office.Server.Search.REST.RefinementResults

**Accessibility:** Read/Write

As specified in section [3.1.5.5](#).

#### **3.1.5.3.1.1.6 RelevantResults**

**Type:** Microsoft.Office.Server.Search.REST.RelevantResults

**Accessibility:** Read/Write

As specified in section [3.1.5.6](#).

#### **3.1.5.3.1.1.7 ResultTitle**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 3.1.4.1.3.6

#### **3.1.5.3.1.1.8 ResultTitleUrl**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 3.1.4.1.3.6.

#### **3.1.5.3.1.1.9 SpecialTermResults**

**Type:** Microsoft.Office.Server.Search.REST.SpecialTermResults

**Accessibility:** Read/Write

As specified in section [3.1.5.30](#).

#### **3.1.5.3.1.2 ObjectPath Properties**

None.

### **3.1.5.4 Microsoft.Office.Server.Search.REST.RefinementResult**

**TypeId:** {63EEBA68-040C-4B26-8590-EB2E4153163F}

**ShortName:** Microsoft.Office.Server.Search.REST.RefinementResult

RefinementResult is an ArrayOfRefinement as specified in [\[MS-QSWS\]](#) section 3.1.4.1.3.9.

RefinementResult contains a CSOM Array, Entries, of type Entry as specified in section [3.1.5.2](#). All entries in the array MUST share the same RefinerName, accessed through the Name property of the RefinementResult containing these entries.

### 3.1.5.4.1 Properties

#### 3.1.5.4.1.1 Scalar Properties

##### 3.1.5.4.1.1.1 Entries

**Type:** CSOM Array

**Accessibility:** Read/Write

Array of Refinement Entry as specified in section [3.1.5.2](#).

##### 3.1.5.4.1.1.2 Name

**Type:** CSOM String

**Accessibility:** Read/Write

As specified as Refinement.RefinerName in [\[MS-QSSWS\]](#) section 3.1.4.1.3.10.

##### 3.1.5.4.1.2 ObjectPath Properties

None.

### 3.1.5.5 Microsoft.Office.Server.Search.REST.RefinementResults

**TypeId:** {F3B3BFC2-9DD9-4F5E-BC53-0EF63E0709F6}

**ShortName:** Microsoft.Office.Server.Search.REST.RefinementResults

RefinementResults is a RefinementResults Table, as specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

#### 3.1.5.5.1 Properties

##### 3.1.5.5.1.1 Scalar Properties

###### 3.1.5.5.1.1.1 Refiners

**Type:**

System.Collections.Generic.IEnumerable<Microsoft.Office.Server.Search.REST.RefinementResult>

**Accessibility:** Read/Write

Array of RefinementResult as specified in section [3.1.5.4](#).

Contains the list of refiners.

###### 3.1.5.5.1.1.2 Properties

**Type:** CSOM dictionary

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

### 3.1.5.5.1.2 ObjectPath Properties

None.

### 3.1.5.6 Microsoft.Office.Server.Search.REST.RelevantResults

**TypeId:** {755270DF-820C-430A-A609-1A6C415E88F1}

**ShortName:** Microsoft.Office.Server.Search.REST.RelevantResults

RelevantResults is a RelevantResults Table, as specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

#### 3.1.5.6.1 Properties

##### 3.1.5.6.1.1 Scalar Properties

###### 3.1.5.6.1.1.1 RowCount

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

###### 3.1.5.6.1.1.2 Rows

**Type:** Microsoft.SharePoint.Client.SimpleDataTable

**Accessibility:** Read/Write

As specified in [\[MS-CSOMREST\]](#) section 3.1.5.1.3.3.

Contains the list of query results.

###### 3.1.5.6.1.1.3 TotalRows

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

###### 3.1.5.6.1.1.4 Properties

**Type:** CSOM dictionary

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

##### 3.1.5.6.1.2 ObjectPath Properties

None.

### 3.1.5.7 Microsoft.Office.Server.Search.REST.SearchRequest

**TypeId:** {EFA6DBB5-FB02-41F8-B70F-E6C992FB86A9}

**ShortName:** Microsoft.Office.Server.Search.REST.SearchRequest

The SearchRequest structure defines the HTTP BODY of the HTTP POST postquery operation as specified in section [3.1.5.9.2.1.1](#). The postquery operation together with the SearchRequest structure is similar to the query operation as specified in section [3.1.5.9.2.1.2](#), and is provided as a means to overcome URL length limitations some clients may experience with HTTP GET operations.

#### 3.1.5.7.1 Properties

##### 3.1.5.7.1.1 Scalar Properties

###### 3.1.5.7.1.1.1 Culture

**Type:** CSOM Int32

**Accessibility:** Read/Write

Specifies the identifier of the language culture of the search query. If present, the value MUST be a valid **language code identifier (LCID)** of a culture name, as specified in [\[RFC3066\]](#).

###### 3.1.5.7.1.1.2 EnableInterleaving

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 3.1.4.7.3.1.

###### 3.1.5.7.1.1.3 EnableNicknames

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 2.2.4.12.

###### 3.1.5.7.1.1.4 EnablePhonetic

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 2.2.4.12.

###### 3.1.5.7.1.1.5 EnableStemming

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 2.2.4.12.

#### **3.1.5.7.1.1.6 Flowname**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.7.1.1.7 HiddenConstraints**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.7.1.1.8 Querytext**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.7.1.1.9 RankingModelId**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.7.1.1.10 RefinementFilters**

**Type:** CSOM Array

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.7.1.1.11 Refiners**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.7.1.1.12 RowLimit**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.



### **3.1.5.7.1.1.13 RowsPerPage**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### **3.1.5.7.1.1.14 SelectProperties**

**Type:** CSOM Array

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### **3.1.5.7.1.1.15 SourceId**

**Type:** CSOM GUID

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

### **3.1.5.7.1.1.16 StartRow**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### **3.1.5.7.1.1.17 Timeout**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### **3.1.5.7.1.1.18 TrimDuplicates**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### **3.1.5.7.1.1.19 EnableFQL**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

### 3.1.5.7.1.1.20 BypassResultTypes

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

### 3.1.5.7.1.1.21 ClientType

**Type:** CSOM String

**Accessibility:** Read/Write

Specifies the type of the query client. It MUST be of **QueryLogClientType** data type as specified in [\[MS-QSSWS\]](#) section 3.1.4.11.4.1.

### 3.1.5.7.1.1.22 HitHighlightedProperties

**Type:** CSOM Array

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### 3.1.5.7.1.1.23 ProcessBestBets

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

### 3.1.5.7.1.1.24 QueryTag

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

### 3.1.5.7.1.1.25 ResultsUrl

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

### 3.1.5.7.1.1.26 TrimDuplicatesIncludeId

**Type:** CSOM Int64

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

### 3.1.5.7.1.2 ObjectPath Properties

#### 3.1.5.7.1.2.1 SortList

**Type:** Microsoft.SharePoint.Client.Search.Query.SortCollection

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### 3.1.5.7.1.2.2 QueryPersonalizationData

**Type:** Microsoft.SharePoint.Client.Search.Query.QueryPersonalizationData

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### 3.1.5.7.1.2.3 ReorderingRules

**Type:** Microsoft.SharePoint.Client.Search.Query.ReorderingRuleCollection

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

### 3.1.5.8 Microsoft.Office.Server.Search.REST.SearchResult

**TypeId:** {C160DFA4-233A-4C58-88D4-9123B0A3D05B}

**ShortName:** Microsoft.Office.Server.Search.REST.SearchResult

The SearchResult structure resembles the ResultTableCollection structure (specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.1). However, the individual result tables that share the same QueryId are grouped together in a QueryResult structure (specified in section [3.1.5.3](#)). The search result tables that have exactly the same QueryId value as specified by the protocol client are grouped in the same QueryResult structure accessed through the PrimaryQueryResult property. All other QueryResult buckets are organized in a CSOM Array of QueryResults accessed through the SecondaryQueryResults property.

#### 3.1.5.8.1 Properties

##### 3.1.5.8.1.1 Scalar Properties

###### 3.1.5.8.1.1.1 ElapsedTime

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.1.

#### 3.1.5.8.1.1.2 PrimaryQueryResult

**Type:** Microsoft.Office.Server.Search.REST.QueryResult

**Accessibility:** Read/Write

As specified in section [3.1.5.3](#).

#### 3.1.5.8.1.1.3 SecondaryQueryResults

**Type:** CSOM Array

**Accessibility:** Read/Write

Array of QueryResult as specified in section [3.1.5.3](#).

#### 3.1.5.8.1.1.4 Properties

**Type:** CSOM dictionary

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.1.

#### 3.1.5.8.1.2 ObjectPath Properties

None.

### 3.1.5.9 Microsoft.Office.Server.Search.REST.SearchService

**TypeId:** {1DBA45DD-4E29-4975-82EB-51A4ABF22707}

**ShortName:** Microsoft.Office.Server.Search.REST.SearchService

SearchService exposes three OData Service Operations.

- **postquery** supports HTTP POST and returns search results. The purpose of the **postquery** service operation is to overcome URI length restriction in the client or server, by transporting query parameters in the body section of the HTTP request.
- **query** supports HTTP GET and returns search results.
- **suggest** supports HTTP GET and returns search query suggestions.

#### 3.1.5.9.1 Properties

##### 3.1.5.9.1.1 Scalar Properties

None.

##### 3.1.5.9.1.2 ObjectPath Properties

None.

## 3.1.5.9.2 Methods

### 3.1.5.9.2.1 Scalar Methods

#### 3.1.5.9.2.1.1 postquery

**Return Type:** Microsoft.Office.Server.Search.REST.SearchResult

The operation is used to retrieve search results through the use of the HTTP protocol with method type POST.

**Parameters:**

*request:* As specified in section [3.1.5.7](#).

Type: Microsoft.Office.Server.Search.REST.SearchRequest

#### 3.1.5.9.2.1.2 query

**Return Type:** Microsoft.Office.Server.Search.REST.SearchResult

The operation is used to retrieve search results through the use of the HTTP protocol with method type GET.

**Parameters:**

*querytext:* As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

Type: CSOM String

*flowName:* As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM String

*enableInterleaving:* As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM Boolean

*sourceId:* As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM GUID

*rankingModelId:* As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

Type: CSOM String

*startRow:* As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

Type: CSOM Int32

*rowLimit:* As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

Type: CSOM Int32

*rowsPerPage:* As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

Type: CSOM Int32

*selectProperties*: As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

Type: CSOM String

*culture*: Specifies the identifier of the language culture of the search query. If present, the value MUST be a valid LCID of a culture name, as specified in [\[RFC3066\]](#).

Type: CSOM Int32

*refinementFilters*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM String

*refiners*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM String

*hiddenConstraints*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM String

*sortList*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM String

*enableStemming*: As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

Type: CSOM Boolean

*trimDuplicates*: As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

Type: CSOM Boolean

*timeout*: As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

Type: CSOM Int32

*enableNicknames*: As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

Type: CSOM Boolean

*enablePhonetic*: As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

Type: CSOM Boolean

*enableFQL*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM Boolean

*hitHighlightedProperties*: As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

Type: CSOM String

*bypassResultTypes*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM Boolean

*processBestBets*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM Boolean

*clientType*: Specifies the type of the query client. It MUST be of **QueryLogClientType** data type as specified in [\[MS-QSSWS\]](#) section 3.1.4.11.4.1.

Type: CSOM String

*queryPersonalizationData*: As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

Type: CSOM GUID

*resultsUrl*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM String

*queryTag*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM String

### **3.1.5.9.2.1.3 suggest**

**Return Type:** Microsoft.SharePoint.Client.Search.Query.QuerySuggestionResults

As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.

**Parameters:**

*querytext*: As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

Type: CSOM String

*iNumberOfQuerySuggestions*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Int32

*iNumberOfResultSuggestions*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Int32

*fPreQuerySuggestions*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Boolean

*fHitHighlighting*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Boolean

*fCapitalizeFirstLetters*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Boolean

*culture*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM Int32

*enableStemming*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM Boolean

*showPeopleNameSuggestions*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

Type: CSOM Boolean

### 3.1.5.9.2.2 ObjectPath Methods

#### 3.1.5.9.2.2.1 CSOM Constructor

Initializes a new instance of the **SearchService** object.

**Parameters:** None

### 3.1.5.10 Microsoft.Office.Server.Search.REST.SpecialTermResult

**TypeId:** {9D6EB278-1166-420E-8642-37887FEE2BDC}

**ShortName:** Microsoft.Office.Server.Search.REST.SpecialTermResult

**SpecialTermResult** is a row in the Table property of a SpecialTermResults Table, as specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

A row in a SpecialTermResults Table maps to one instance of SpecialTermResults.

A row in a SpecialTermResults Table **MUST** have the columns *Title*, *Url*, and *Description*, and it **MAY** have the column *IsVisualBestBet*. Each of these columns maps to corresponding property of the SpecialTermResult type.

#### 3.1.5.10.1 Properties

##### 3.1.5.10.1.1 Scalar Properties

###### 3.1.5.10.1.1.1 Description

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in the SpecialTermResults Table in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

###### 3.1.5.10.1.1.2 IsVisualBestBet

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in the SpecialTermResults Table in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

###### 3.1.5.10.1.1.3 Title

**Type:** CSOM String

**Accessibility:** Read/Write



As specified in the SpecialTermResults Table in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

#### **3.1.5.10.1.1.4 Url**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in the SpecialTermResults Table in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

#### **3.1.5.10.1.2 ObjectPath Properties**

None.

#### **3.1.5.11 Microsoft.SharePoint.Client.Search.Query.FullTextSqlQuery**

**TypeId:** {6090347F-106E-44C9-942C-3954365FB778}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.FullTextSqlQuery

As specified in [\[MS-QSSWS\]](#) section 2.2.4.8

#### **3.1.5.11.1 Properties**

##### **3.1.5.11.1.1 Scalar Properties**

##### **3.1.5.11.1.1.1 BypassResultTypes**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1

##### **3.1.5.11.1.1.2 Culture**

**Type:** CSOM Int32

**Accessibility:** Read/Write

Specifies the identifier of the language culture of the search query. If present, the value MUST be a valid LCID of a culture name, as specified in [\[RFC3066\]](#).

##### **3.1.5.11.1.1.3 EnableInterleaving**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1

##### **3.1.5.11.1.1.4 EnableNicknames**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 2.2.4.12

#### **3.1.5.11.1.1.5 EnablePhonetic**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 2.2.4.12

#### **3.1.5.11.1.1.6 EnableStemming**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 2.2.4.12

#### **3.1.5.11.1.1.7 FlowName**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 3.1.4.7.3.1

#### **3.1.5.11.1.1.8 QueryTag**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 3.1.4.7.3.1

#### **3.1.5.11.1.1.9 QueryText**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 2.2.4.12

#### **3.1.5.11.1.1.10 RankingModelId**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 2.2.4.12

#### **3.1.5.11.1.1.11 ResultsUrl**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.11.1.1.12 RowLimit**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 2.2.4.12

#### **3.1.5.11.1.1.13 RowsPerPage**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 2.2.4.12

#### **3.1.5.11.1.1.14 ShowPeopleNameSuggestions**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.11.1.1.15 SourceId**

**Type:** CSOM GUID

**Accessibility:** Read/Write

Unique identifier of the **result source**

#### **3.1.5.11.1.1.16 StartRow**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 2.2.4.12

#### **3.1.5.11.1.1.17 Timeout**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 2.2.4.12

#### **3.1.5.11.1.1.18 TrimDuplicates**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 2.2.4.12

#### **3.1.5.11.1.1.19 ClientType**

**Type:** CSOM String

**Accessibility:** Read/Write

Specifies the type of the query client. It MUST be of **QueryLogClientType** data type as specified in [\[MS-QSWS\]](#) section 3.1.4.11.4.1

#### **3.1.5.11.1.1.20 ProcessBestBets**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 3.1.4.7.3.1

#### **3.1.5.11.1.1.21 TotalRowsExactMinimum**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSWS\]](#) section 2.2.4.12.

#### **3.1.5.11.1.1.22 EnableQueryRules**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

Specifies whether query rules MUST be enabled when a search query is executed.

#### **3.1.5.11.1.1.23 ImpressionID**

**Type:** CSOM String

**Accessibility:** Read/Write

MUST NOT be used.

### **3.1.5.11.1.2 ObjectPath Properties**

#### **3.1.5.11.1.2.1 HitHighlightedProperties**

**Type:** Microsoft.SharePoint.Client.Search.Query.StringCollection

**Accessibility:** Read Only

As specified in [\[MS-QSWS\]](#) section 2.2.4.12

### 3.1.5.11.1.2.2 PersonalizationData

**Type:** Microsoft.SharePoint.Client.Search.Query.QueryPersonalizationData

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12

### 3.1.5.11.2 Methods

#### 3.1.5.11.2.1 Scalar Methods

##### 3.1.5.11.2.1.1 GetQuerySuggestionsWithResults

**Return Type:** Microsoft.SharePoint.Client.Search.Query.QuerySuggestionResults

Specified in [\[MS-QSSWS\]](#) section 3.1.4.18

**Parameters:**

*iNumberOfQuerySuggestions:* As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1

Type: CSOM Int32

*iNumberOfResultSuggestions:* As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1

Type: CSOM Int32

*fPreQuerySuggestions:* As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1

Type: CSOM Boolean

*fHitHighlighting:* As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1

Type: CSOM Boolean

*fCapitalizeFirstLetters:* As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1

Type: CSOM Boolean

#### 3.1.5.11.2.2 ObjectPath Methods

##### 3.1.5.11.2.2.1 CSOM Constructor

Initializes a new instance of the **FullTextSqlQuery** object.

**Parameters:**

*site:* SharePoint site for which the FullTextSqlQuery object is created.

Type: Microsoft.SharePoint.Client.Site

### 3.1.5.12 Microsoft.SharePoint.Client.Search.Query.Gateway.Refinement

**TypeId:** {49232787-0E58-4632-97D0-05CEC882E90E}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.Gateway.Refinement

Specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.10

### 3.1.5.12.1 Properties

#### 3.1.5.12.1.1 Scalar Properties

##### 3.1.5.12.1.1.1 RefinementCount

**Type:** CSOM Int64

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.10

##### 3.1.5.12.1.1.2 RefinementName

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.10

##### 3.1.5.12.1.1.3 RefinementPct

**Type:** CSOM Single

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.10

##### 3.1.5.12.1.1.4 RefinementToken

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.10

##### 3.1.5.12.1.1.5 RefinementValue

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.10

##### 3.1.5.12.1.1.6 RefinerName

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.10

### 3.1.5.12.1.2 ObjectPath Properties

None.

### 3.1.5.13 Microsoft.SharePoint.Client.Search.Query.KeywordQuery

**TypeId:** {80173281-FFFD-47B6-9A49-312E06FF8428}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.KeywordQuery

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### 3.1.5.13.1 Properties

##### 3.1.5.13.1.1 Scalar Properties

###### 3.1.5.13.1.1.1 BypassResultTypes

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

###### 3.1.5.13.1.1.2 Culture

**Type:** CSOM Int32

**Accessibility:** Read/Write

Specifies the identifier of the language culture of the search query. If present, the value MUST be a valid LCID of a culture name, as specified in [\[RFC3066\]](#).

###### 3.1.5.13.1.1.3 EnableInterleaving

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

###### 3.1.5.13.1.1.4 EnableNicknames

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

###### 3.1.5.13.1.1.5 EnablePhonetic

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.13.1.1.6 EnableStemming**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.13.1.1.7 FlowName**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.13.1.1.8 HiddenConstraints**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.13.1.1.9 QueryTag**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.13.1.1.10 QueryText**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.13.1.1.11 RankingModelId**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.13.1.1.12 Refiners**

**Type:** CSOM String

**Accessibility:** Read/Write



As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.13.1.1.13 ResultsUrl**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.13.1.1.14 RowLimit**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.13.1.1.15 RowsPerPage**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.13.1.1.16 ShowPeopleNameSuggestions**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.13.1.1.17 SourceId**

**Type:** CSOM GUID

**Accessibility:** Read/Write

Unique identifier of the result source.

#### **3.1.5.13.1.1.18 StartRow**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.13.1.1.19 Timeout**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.13.1.1.20 TrimDuplicates**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.13.1.1.21 ClientType**

**Type:** CSOM String

**Accessibility:** Read/Write

Specifies the type of the query client. It MUST be of **QueryLogClientType** data type as specified in [\[MS-QSSWS\]](#) section 3.1.4.11.4.1.

#### **3.1.5.13.1.1.22 TrimDuplicatesIncludeId**

**Type:** CSOM Int64

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.13.1.1.23 ProcessBestBets**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.13.1.1.24 TotalRowsExactMinimum**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.13.1.1.25 EnableQueryRules**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

Specifies whether query rules MUST be enabled when a search query is executed.

#### **3.1.5.13.1.1.26 ImpressionID**

**Type:** CSOM String

**Accessibility:** Read/Write

MUST NOT be used.

### **3.1.5.13.1.2 ObjectPath Properties**

#### **3.1.5.13.1.2.1 HitHighlightedProperties**

**Type:** Microsoft.SharePoint.Client.Search.Query.StringCollection

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.13.1.2.2 PersonalizationData**

**Type:** Microsoft.SharePoint.Client.Search.Query.QueryPersonalizationData

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.13.1.2.3 Properties**

**Type:** Microsoft.SharePoint.Client.Search.Query.KeywordQueryProperties

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.13.1.2.4 RefinementFilters**

**Type:** Microsoft.SharePoint.Client.Search.Query.StringCollection

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.13.1.2.5 SelectProperties**

**Type:** Microsoft.SharePoint.Client.Search.Query.StringCollection

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.13.1.2.6 SortList**

**Type:** Microsoft.SharePoint.Client.Search.Query.SortCollection

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

### 3.1.5.13.1.2.7 ReorderingRules

**Type:** Microsoft.SharePoint.Client.Search.Query.ReorderingRuleCollection

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

### 3.1.5.13.2 Methods

#### 3.1.5.13.2.1 Scalar Methods

##### 3.1.5.13.2.1.1 GetQuerySuggestionsWithResults

**Return Type:** Microsoft.SharePoint.Client.Search.Query.QuerySuggestionResults

Specified in [\[MS-QSSWS\]](#) section 3.1.4.18.

**Parameters:**

*iNumberOfQuerySuggestions:* As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Int32

*iNumberOfResultSuggestions:* As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Int32

*fPreQuerySuggestions:* As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Boolean

*fHitHighlighting:* As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Boolean

*fCapitalizeFirstLetters:* As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Boolean

#### 3.1.5.13.2.2 ObjectPath Methods

##### 3.1.5.13.2.2.1 CSOM Constructor

Initializes a new instance of the **KeywordQuery** object.

**Parameters:**

*site:* SharePoint site for which the KeywordQuery object is created.

Type: Microsoft.SharePoint.Client.Site

### 3.1.5.14 Microsoft.SharePoint.Client.Search.Query.KeywordQueryProperties

**TypeId:** {8E0AB106-FBFE-43F1-9CB7-329130820F89}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.KeywordQueryProperties

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1

### 3.1.5.14.1 Properties

#### 3.1.5.14.1.1 Scalar Properties

None.

#### 3.1.5.14.1.2 ObjectPath Properties

None.

### 3.1.5.14.2 Methods

#### 3.1.5.14.2.1 Scalar Methods

##### 3.1.5.14.2.1.1 GetQueryPropertyValue

**Return Type:** Microsoft.SharePoint.Client.Search.Query.QueryPropertyValue

Retrieves the value of a property based on the specified name

**Parameters:**

*name:* Name of a property in the KeywordQueryProperties complex type ([\[MS-QSSWS\]](#) section 3.1.4.7.3.1)

Type: CSOM String

##### 3.1.5.14.2.1.2 SetQueryPropertyValue

**Return Type:** None

Sets the value of a property based on the specified name

**Parameters:**

*name:* Name of a property in the KeywordQueryProperties complex type ([\[MS-QSSWS\]](#) section 3.1.4.7.3.1)

Type: CSOM String

*val:* Value of the property to be set in the KeywordQueryProperties complex type ([\[MS-QSSWS\]](#) section 3.1.4.7.3.1). The value MUST conform to the specification in ([\[MS-QSSWS\]](#) section 3.1.4.7.3.1)

Type: Microsoft.SharePoint.Client.Search.Query.QueryPropertyValue

#### 3.1.5.14.2.2 ObjectPath Methods

None.

### 3.1.5.15 Microsoft.SharePoint.Client.Search.Query.PersonalResultSuggestion

**TypeId:** {AAFD94AF-525A-4759-8410-F571A26F04BC}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.PersonalResultSuggestion

As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.3.3.

#### 3.1.5.15.1 Properties

##### 3.1.5.15.1.1 Scalar Properties

###### 3.1.5.15.1.1.1 IsBestBet

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.3.3

###### 3.1.5.15.1.1.2 Title

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.3.3

###### 3.1.5.15.1.1.3 Url

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.3.3

###### 3.1.5.15.1.2 ObjectPath Properties

None.

### 3.1.5.16 Microsoft.SharePoint.Client.Search.Query.Query

**TypeId:** {506FBB38-B10C-4CB3-80A0-9003A85B56ED}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.Query

Specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### 3.1.5.16.1 Properties

#### 3.1.5.16.1.1 Scalar Properties

##### 3.1.5.16.1.1.1 BypassResultTypes

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

##### 3.1.5.16.1.1.2 Culture

**Type:** CSOM Int32

**Accessibility:** Read/Write

Specifies the identifier of the language culture of the search query. If present, the value **MUST** be a valid LCID of a culture name, as specified in [\[RFC3066\]](#).

##### 3.1.5.16.1.1.3 EnableInterleaving

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

##### 3.1.5.16.1.1.4 EnableNicknames

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

##### 3.1.5.16.1.1.5 EnablePhonetic

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

##### 3.1.5.16.1.1.6 EnableStemming

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### **3.1.5.16.1.1.7 FlowName**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

### **3.1.5.16.1.1.8 QueryTag**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

### **3.1.5.16.1.1.9 QueryText**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### **3.1.5.16.1.1.10 RankingModelId**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### **3.1.5.16.1.1.11 ResultsUrl**

**Type:** CSOM String

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

### **3.1.5.16.1.1.12 RowLimit**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### **3.1.5.16.1.1.13 RowsPerPage**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.



### **3.1.5.16.1.1.14 ShowPeopleNameSuggestions**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

### **3.1.5.16.1.1.15 SourceId**

**Type:** CSOM GUID

**Accessibility:** Read/Write

Unique identifier of the result source.

### **3.1.5.16.1.1.16 StartRow**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### **3.1.5.16.1.1.17 Timeout**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### **3.1.5.16.1.1.18 TrimDuplicates**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### **3.1.5.16.1.1.19 ClientType**

**Type:** CSOM String

**Accessibility:** Read/Write

Specifies the type of the query client. It MUST be of **QueryLogClientType** data type as specified in [\[MS-QSSWS\]](#) section 3.1.4.11.4.1.

### **3.1.5.16.1.1.20 ProcessBestBets**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

#### **3.1.5.16.1.1.21 TotalRowsExactMinimum**

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.16.1.1.22 EnableQueryRules**

**Type:** CSOM Boolean

**Accessibility:** Read/Write

Specifies whether query rules MUST be enabled when a search query is executed.

#### **3.1.5.16.1.1.23 ImpressionID**

**Type:** CSOM String

**Accessibility:** Read/Write

MUST NOT be used.

### **3.1.5.16.1.2 ObjectPath Properties**

#### **3.1.5.16.1.2.1 HitHighlightedProperties**

**Type:** Microsoft.SharePoint.Client.Search.Query.StringCollection

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

#### **3.1.5.16.1.2.2 PersonalizationData**

**Type:** Microsoft.SharePoint.Client.Search.Query.QueryPersonalizationData

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 2.2.4.12.

### **3.1.5.16.2 Methods**

#### **3.1.5.16.2.1 Scalar Methods**

##### **3.1.5.16.2.1.1 GetQuerySuggestionsWithResults**

**Return Type:** Microsoft.SharePoint.Client.Search.Query.QuerySuggestionResults

Specified in [\[MS-QSSWS\]](#) section 3.1.4.18.

**Parameters:**

*iNumberOfQuerySuggestions*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Int32

*iNumberOfResultSuggestions*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Int32

*fPreQuerySuggestions*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Boolean

*fHitHighlighting*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Boolean

*fCapitalizeFirstLetters*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.2.1.

Type: CSOM Boolean

**3.1.5.16.2.2 ObjectPath Methods**

None.

**3.1.5.17 Microsoft.SharePoint.Client.Search.Query.QueryPersonalizationData**

**TypeId**: {28D79F49-820A-4D51-BB2A-3309B3F4C54D}

**ShortName**: Microsoft.SharePoint.Client.Search.Query.QueryPersonalizationData

As specified in [\[MS-QSSWS\]](#) section 2.2.4.11.

**3.1.5.17.1 Properties**

**3.1.5.17.1.1 Scalar Properties**

None.

**3.1.5.17.1.2 ObjectPath Properties**

None.

**3.1.5.17.2 Methods**

**3.1.5.17.2.1 Scalar Methods**

None.

### 3.1.5.17.2.2 ObjectPath Methods

#### 3.1.5.17.2.2.1 CSOM Constructor

Initializes a new instance of the **QueryPersonalizationData** object.

**Parameters:**

*guidUserIdString*: As specified by **UserId** in [\[MS-QSSWS\]](#) section 2.2.4.11.

Type: CSOM String

### 3.1.5.18 Microsoft.SharePoint.Client.Search.Query.QueryPropertyValue

**TypeId**: {B25BA502-71D7-4AE4-A701-4CA2FB1223BE}

**ShortName**: Microsoft.SharePoint.Client.Search.Query.QueryPropertyValue

This object is used to store values of predefined types. The object **MUST** have a value set for only one of the property.

#### 3.1.5.18.1 Properties

##### 3.1.5.18.1.1 Scalar Properties

###### 3.1.5.18.1.1.1 BoolVal

**Type**: CSOM Boolean

**Accessibility**: Read/Write

Specifies any arbitrary value of type CSOM Boolean. This property **MUST** have a value only if **QueryPropertyValueTypeId** is set to 3.

###### 3.1.5.18.1.1.2 IntVal

**Type**: CSOM Int32

**Accessibility**: Read/Write

Specifies any arbitrary value of type CSOM Int32. This property **MUST** have a value only if **QueryPropertyValueTypeId** is set to 2.

###### 3.1.5.18.1.1.3 QueryPropertyValueTypeId

**Type**: CSOM Int32

**Accessibility**: Read/Write

Specifies the type of data stored in this object. This **MUST** be set to one of the following values.

0: Specifies that no value is stored in this object.

1: Specifies that a CSOM String value is stored.

- 2: Specifies that a CSOM Int32 value is stored.
- 3: Specifies that a CSOM Boolean value is stored.
- 4: Specifies that a CSOM Array of type CSOM String is stored.
- 5: Specifies that the value is an unsupported type.

#### **3.1.5.18.1.1.4 StrArray**

**Type:** CSOM Array

**Accessibility:** Read/Write

Specifies any arbitrary value of type CSOM Array. The CSOM Array MUST only contain CSOM String values. This property MUST have a value only if **QueryPropertyValueIndex** is set to 4.

#### **3.1.5.18.1.1.5 StrVal**

**Type:** CSOM String

**Accessibility:** Read/Write

Specifies any arbitrary value of type CSOM String. This property MUST have a value only if **QueryPropertyValueIndex** is set to 1.

#### **3.1.5.18.1.2 ObjectPath Properties**

None.

### **3.1.5.19 Microsoft.SharePoint.Client.Search.Query.QuerySuggestionResults**

**TypeId:** {EF071CB4-7FAB-4E8D-9480-F15D30DC696D}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.QuerySuggestionResults

As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.3.1.

#### **3.1.5.19.1 Properties**

##### **3.1.5.19.1.1 Scalar Properties**

###### **3.1.5.19.1.1.1 PeopleNames**

**Type:** CSOM Array

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.3.1

###### **3.1.5.19.1.1.2 PersonalResults**

**Type:** Microsoft.SharePoint.Client.Search.Query.PersonalResultSuggestion[]

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.3.1

### 3.1.5.19.1.1.3 Queries

**Type:** Microsoft.SharePoint.Client.Search.Query.QuerySuggestionQuery[]

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.18.3.1

### 3.1.5.19.1.2 ObjectPath Properties

None.

### 3.1.5.20 Microsoft.SharePoint.Client.Search.Query.ResultTable

**TypeId:** {6780DF59-1036-4912-829B-432354F22656}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.ResultTable

Specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6

#### 3.1.5.20.1 Properties

##### 3.1.5.20.1.1 Scalar Properties

###### 3.1.5.20.1.1.1 Properties

**Type:** CSOM dictionary

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6

###### 3.1.5.20.1.1.2 QueryId

**Type:** CSOM String

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6

###### 3.1.5.20.1.1.3 ResultRows

**Type:** System.Collections.Generic.IEnumerable<System.Collections.Generic.IDictionary<string, object>>

**Accessibility:** Read Only

This contains the list of query results.

#### **3.1.5.20.1.1.4 RowCount**

**Type:** CSOM Int32

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6

#### **3.1.5.20.1.1.5 TableType**

**Type:** CSOM String

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6

#### **3.1.5.20.1.1.6 TotalRows**

**Type:** CSOM Int32

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6

#### **3.1.5.20.1.1.7 GroupTemplateId**

**Type:** CSOM String

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6

#### **3.1.5.20.1.1.8 ItemTemplateId**

**Type:** CSOM String

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6

#### **3.1.5.20.1.1.9 QueryRuleId**

**Type:** CSOM String

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6

#### **3.1.5.20.1.1.10 ResultTitle**

**Type:** CSOM String

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6

### 3.1.5.20.1.1.11 ResultTitleUrl

**Type:** CSOM String

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6

### 3.1.5.20.1.2 ObjectPath Properties

None.

### 3.1.5.21 Microsoft.SharePoint.Client.Search.Query.ResultTableCollection

**TypeId:** {11F20D08-7F42-49C1-8C0C-8EE4C32B203E}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.ResultTableCollection

Specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.1.

#### 3.1.5.21.1 Properties

##### 3.1.5.21.1.1 Scalar Properties

###### 3.1.5.21.1.1.1 ElapsedTime

**Type:** CSOM Int32

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.1.

###### 3.1.5.21.1.1.2 Properties

**Type:** CSOM dictionary

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.1.

###### 3.1.5.21.1.1.3 QueryId

**Type:** CSOM String

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.1.

###### 3.1.5.21.1.1.4 SpellingSuggestion

**Type:** CSOM String

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.1.



### 3.1.5.21.1.1.5 TriggeredRules

**Type:** CSOM Array

**Accessibility:** Read Only

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.1.

### 3.1.5.21.1.2 ObjectPath Properties

None.

### 3.1.5.22 Microsoft.SharePoint.Client.Search.Query.SearchExecutor

**TypeId:** {8D2AC302-DB2F-46FE-9015-872B35F15098}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.SearchExecutor

This object contains operations to execute a search query or a batch of search queries and retrieve a list of links to items and associated properties, crawled locally by the protocol server or by another search engine.

#### 3.1.5.22.1 Properties

##### 3.1.5.22.1.1 Scalar Properties

None.

##### 3.1.5.22.1.2 ObjectPath Properties

None.

#### 3.1.5.22.2 Methods

##### 3.1.5.22.2.1 Scalar Methods

###### 3.1.5.22.2.1.1 ExecuteQueries

**Return Type:** CSOM dictionary

This method is used to execute a batch of search queries and retrieve a list of links to items, crawled locally by the protocol server or by another search engine, that are relevant to the search query, together with associated properties, for all the search queries.

This method returns a dictionary where each row corresponds to a query object. Each row contains a queryid and query results that corresponds to that queryid.

**Parameters:**

*queryIds*: Specifies a list of identifiers for the query objects in the *queries* parameter.

Type: CSOM Array

*queries*: Specifies a list of query objects.

Type: Microsoft.SharePoint.Client.Search.Query.Query[]

### 3.1.5.22.2.1.2 ExecuteQuery

**Return Type:** Microsoft.SharePoint.Client.Search.Query.ResultTableCollection

This method is used to execute a search query and retrieve a list of links to items, crawled locally by the protocol server or by another search engine, that are relevant to the search query, together with associated properties.

This method returns a **ResultTableCollection** object that contains the query results for the search query

**Parameters:**

*query*: Specified in section [3.1.5.16](#).

Type: Microsoft.SharePoint.Client.Search.Query.Query

### 3.1.5.22.2.1.3 RecordPageClick

**Return Type:** None

Specified in [\[MS-QSSWS\]](#) section 3.1.4.16.2.1

**Parameters:**

*web*: The **site (2)** that is used by the protocol server to identify the **context** of the search query.

Type: Microsoft.SharePoint.Client.Web

*pageInfo*: MUST be set to the value of the **piPageImpression** property of the **ResultTableCollection**. If the **piPageImpression** property does not exist or is an empty string then client MUST NOT invoke this method. See **piPageImpression** in [\[MS-QSSWS\]](#) section 3.1.4.1.3.1.

Type: CSOM String

*clickType*: As specified in [\[MS-QSSWS\]](#) section 3.1.4.16.3.1.

Type: CSOM String

*clickedResultId*: MUST be set to the value of the piSearchResultId column of the **ResultTable**. If the piSearchResultId column does not exist or is an empty string then client MUST NOT invoke this method.

Type: CSOM String

*immediacySourceId*: See **SourceId** in section [3.1.5.16.1.1.15](#)

Type: CSOM String

*immediacyQueryString*: See **QueryText** in section [3.1.5.16.1.1.9](#)

Type: CSOM String

*immediacyTitle*: See **ResultTitle** in section [3.1.5.20.1.1.10](#)

Type: CSOM String

*immediacyUrl*: See **ResultTitleUrl** in section [3.1.5.20.1.1.11](#)

Type: CSOM String

### **3.1.5.22.2.2 ObjectPath Methods**

#### **3.1.5.22.2.2.1 CSOM Constructor**

Initializes a new instance of the **SearchExecutor** object.

**Parameters:** None

### **3.1.5.23 Microsoft.SharePoint.Client.Search.Query.Sort**

**TypeId:** {2CD54EF7-C2B3-4405-BCE3-EC521D35A7EB}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.Sort

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.6.

#### **3.1.5.23.1 Properties**

##### **3.1.5.23.1.1 Scalar Properties**

###### **3.1.5.23.1.1.1 Direction**

**Type:** Microsoft.SharePoint.Client.Search.Query.SortDirection

**Accessibility:** Read Only

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.6.

###### **3.1.5.23.1.1.2 Property**

**Type:** CSOM String

**Accessibility:** Read Only

For details, see **strProperty**, as specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.6.

##### **3.1.5.23.1.2 ObjectPath Properties**

None.

### **3.1.5.24 Microsoft.SharePoint.Client.Search.Query.SortCollection**

**TypeId:** {F5A89F94-DB5D-4ABE-B9EC-DC6B306DF93E}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.SortCollection

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.4

### **3.1.5.24.1 Properties**

#### **3.1.5.24.1.1 Scalar Properties**

None.

#### **3.1.5.24.1.2 ObjectPath Properties**

None.

### **3.1.5.24.2 Methods**

#### **3.1.5.24.2.1 Scalar Methods**

##### **3.1.5.24.2.1.1 Add**

**Return Type:** None

Adds a new element of type `Microsoft.SharePoint.Client.Search.Query.Sort` to the collection and returns a reference to the added `Microsoft.SharePoint.Client.Search.Query.Sort`.

**Parameters:**

*strProperty*: Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.6

Type: CSOM String

*direction*: Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.6

Type: `Microsoft.SharePoint.Client.Search.Query.SortDirection`

##### **3.1.5.24.2.1.2 Clear**

**Return Type:** None

Deletes all the elements in the collection.

**Parameters:** None

#### **3.1.5.24.2.2 ObjectPath Methods**

None.

### **3.1.5.25 Microsoft.SharePoint.Client.Search.Query.SortDirection**

**ShortName:** `Microsoft.SharePoint.Client.Search.Query.SortDirection`

**Flag:** false

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.4.4.

### 3.1.5.25.1 Field Values

#### 3.1.5.25.1.1 Ascending

**Value:** 0

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.4.4.

#### 3.1.5.25.1.2 Descending

**Value:** 1

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.4.4.

#### 3.1.5.25.1.3 FQLFormula

**Value:** 2

As specified in [\[MS-QSSWS\]](#) section 3.1.4.7.4.4.

### 3.1.5.26 Microsoft.SharePoint.Client.Search.Query.StringCollection

**TypeId:** {17C6C8BA-C570-4DB1-993A-FBACF4E4EF07}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.StringCollection

Contains a collection of arbitrary string values.

#### 3.1.5.26.1 Properties

##### 3.1.5.26.1.1 Scalar Properties

None.

##### 3.1.5.26.1.2 ObjectPath Properties

None.

#### 3.1.5.26.2 Methods

##### 3.1.5.26.2.1 Scalar Methods

###### 3.1.5.26.2.1.1 Add

**Return Type:** None

Adds an arbitrary string value to the collections.

**Parameters:**

*property:* A single string value

Type: CSOM String

### 3.1.5.26.2.1.2 Clear

**Return Type:** None

Deletes all the string values in the collection.

**Parameters:** None

### 3.1.5.26.2.2 ObjectPath Methods

#### 3.1.5.26.2.2.1 CSOM Constructor

Initializes a new instance of the **StringCollection** object.

**Parameters:** None

### 3.1.5.27 Microsoft.SharePoint.Client.Search.Query.RankingLabeling

**TypeId:** {E2533389-4387-4EBE-8DF7-11AF5568AED5}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.RankingLabeling

Provides methods for getting and adding relevance judgments.

#### 3.1.5.27.1 Properties

##### 3.1.5.27.1.1 Scalar Properties

None.

##### 3.1.5.27.1.2 ObjectPath Properties

None.

#### 3.1.5.27.2 Methods

##### 3.1.5.27.2.1 Scalar Methods

###### 3.1.5.27.2.1.1 AddJudgment

**Return Type:** None

Adds a single relevance judgment for the specified document and **URL** pair on a specified site (2).

**Parameters:**

*site*: SharePoint site for which the relevance judgment is added.

Type: Microsoft.SharePoint.Client.Site

*userQuery*: User query for which the relevance judgment is added.

Type: CSOM String

*url*: URL for which the relevance judgment is added.

Type: CSOM String

*labelId*: Relevance judgment label. MUST be 1, 2, 3, 4, or 5.

Type: **CSOM Int16**

### **3.1.5.27.2.1.2 GetJudgementsForQuery**

**Return Type:** CSOM dictionary

Retrieves all known relevance judgments for the specified query on a specified site (2). The returned dictionary MUST map the URL of the document to the relevance judgment label. The label MUST be an integer value between 1 and 5 inclusive.

**Parameters:**

*site*: SharePoint site for which relevance judgments are to be retrieved.

Type: Microsoft.SharePoint.Client.Site

*query*: User query for which relevance judgments are to be retrieved.

Type: CSOM String

### **3.1.5.27.2.2 ObjectPath Methods**

#### **3.1.5.27.2.2.1 CSOM Constructor**

Initializes a new instance of the **RankingLabeling** object.

**Parameters:** None

### **3.1.5.28 Microsoft.Office.Server.Search.Administration.DocumentCrawlLog**

**TypeId:** {5C5CFD42-0712-4C00-AE49-23B33BA34ECC}

**ShortName:** Microsoft.Office.Server.Search.Administration.DocumentCrawlLog

This object contains method that can be used by the protocol client to retrieve information about items that were crawled.

#### **3.1.5.28.1 Properties**

##### **3.1.5.28.1.1 Scalar Properties**

None.

##### **3.1.5.28.1.2 ObjectPath Properties**

None.

## 3.1.5.28.2 Methods

### 3.1.5.28.2.1 Scalar Methods

#### 3.1.5.28.2.1.1 GetCrawledUrls

**Return Type:** Microsoft.SharePoint.Client.SimpleDataTable

This method is used to retrieve information about all the contents that were crawled.

**Parameters:**

*tenantId*: Specifies the **partition identifier** for which the information about crawled content MUST be returned. *tenantId* MUST contain a valid partition identifier.

Type: CSOM GUID

*getCountOnly*: If true, only the count of the contents crawled MUST be returned. If false, all the information about the crawled contents MUST be returned.

Type: CSOM Boolean

*maxRows*: Specifies the maximum number of rows that MUST be returned. If 0 is specified, all the rows MUST be returned.

Type: CSOM Int64

*queryString*: Specifies a string pattern and only crawled contents whose URLs match the specified pattern MUST be returned.

Type: CSOM String

*isLike*: If true, the pattern specified in *queryString* MUST be used as the prefix while matching the URLs of the crawled content. If false, the pattern specified in *queryString* MUST be used to exactly match the URLs of the crawled content.

Type: CSOM Boolean

*contentSourceID*: Unique identifier of the **content source**. If specified only the crawled contents that are associated with the content source MUST be returned.

Type: CSOM Int32

*errorLevel*: Specifies the type of crawled content that MUST be returned. MUST be set to one of the following values: **-1**: All the crawled content MUST be returned. **0**: Only contents that were successfully crawled MUST be returned. **1**: Only contents that generated a warning during a crawl MUST be returned. **2**: Only contents that generated an error during a crawl MUST be returned. **3**: Only contents that were previously in the index but removed during the latest crawl MUST be returned.

Type: CSOM Int32

*errorID*: MUST be set to -1.

Type: CSOM Int32



*startDateTime*: If set to `DateTime.MinValue`, information about all the crawled contents MUST be returned. If not, only information about contents that were crawled after this datetime MUST be returned.

Type: **CSOM DateTime**

*endDateTime*: If set to `DateTime.MaxValue`, information about all the crawled contents MUST be returned. If not, only information about contents that were crawled before this datetime MUST be returned.

Type: CSOM DateTime

### 3.1.5.28.2.2 ObjectPath Methods

#### 3.1.5.28.2.2.1 CSOM Constructor

Initializes a new instance of the **DocumentCrawlLog** object.

**Parameters:**

*site*: SharePoint site for which information about items that were crawled are retrieved.

Type: `Microsoft.SharePoint.Client.Site`

### 3.1.5.29 Microsoft.SharePoint.Client.Search.Query.QuerySuggestionQuery

**TypeId**: {44908C33-C578-4342-905A-EE284B67B415}

**ShortName**: `Microsoft.SharePoint.Client.Search.Query.QuerySuggestionQuery`

Specified in [\[MS-QSSWS\]](#) section 3.1.4.18.3.5.

#### 3.1.5.29.1 Properties

##### 3.1.5.29.1.1 Scalar Properties

###### 3.1.5.29.1.1.1 IsPersonal

**Type**: CSOM Boolean

**Accessibility**: Read/Write

Specified in [\[MS-QSSWS\]](#) section 3.1.4.18.3.5.

###### 3.1.5.29.1.1.2 Query

**Type**: CSOM String

**Accessibility**: Read/Write

Specified in [\[MS-QSSWS\]](#) section 3.1.4.18.3.5.

### 3.1.5.29.1.2 ObjectPath Properties

None.

### 3.1.5.30 Microsoft.Office.Server.Search.REST.SpecialTermResults

**TypeId:** {185764A3-378A-4436-B87D-6B5CD50B8E6A}

**ShortName:** Microsoft.Office.Server.Search.REST.SpecialTermResults

SpecialTermResults is a SpecialTermResults Table, as specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6

Each entry in the Table property from the SpecialResults Table is mapped to a SpecialTermResult entry accessible through the Results property.

#### 3.1.5.30.1 Properties

##### 3.1.5.30.1.1 Scalar Properties

###### 3.1.5.30.1.1.1 Properties

**Type:** CSOM dictionary

**Accessibility:** Read/Write

As specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

###### 3.1.5.30.1.1.2 Results

**Type:**

System.Collections.Generic.IEnumerable<Microsoft.Office.Server.Search.REST.SpecialTermResult>

**Accessibility:** Read/Write

As specified in section [3.1.5.10](#).

Contains the list of SpecialTermResult entries.

##### 3.1.5.30.1.2 ObjectPath Properties

None.

### 3.1.5.31 Microsoft.SharePoint.Client.Search.Query.ReorderingRule

**TypeId:** {D8566F46-74B1-4D92-BA88-0EFD23B36F71}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.ReorderingRule

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.9.

### 3.1.5.31.1 Properties

#### 3.1.5.31.1.1 Scalar Properties

None.

#### 3.1.5.31.1.2 ObjectPath Properties

None.

### 3.1.5.32 Microsoft.SharePoint.Client.Search.Query.ReorderingRuleCollection

**TypeId:** {B0522938-E1B7-4FC4-A6A8-BD3ED873E614}

**ShortName:** Microsoft.SharePoint.Client.Search.Query.ReorderingRuleCollection

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.3.7.

#### 3.1.5.32.1 Properties

##### 3.1.5.32.1.1 Scalar Properties

None.

##### 3.1.5.32.1.2 ObjectPath Properties

None.

#### 3.1.5.32.2 Methods

##### 3.1.5.32.2.1 Scalar Methods

###### 3.1.5.32.2.1.1 Add

**Return Type:** None

Adds a new element of type **Microsoft.SharePoint.Client.Search.Query.ReorderingRule** as specified in section [3.1.5.33](#) to the collection and returns a reference to the added Microsoft.SharePoint.Client.Search.Query.ReorderingRule element.

**Parameters:**

*matchType:* See section [3.1.5.33](#).

Type: Microsoft.SharePoint.Client.Search.Query.ReorderingRuleMatchType

*matchValue:* [\[MS-QSSWS\]](#) section 3.1.4.7.3.9.

Type: CSOM String

*boost:* [\[MS-QSSWS\]](#) section 3.1.4.7.3.9.

Type: CSOM Int32

### 3.1.5.32.2.1.2 Clear

**Return Type:** None

Deletes all the elements from the collection.

**Parameters:** None

### 3.1.5.32.2.2 ObjectPath Methods

None.

## 3.1.5.33 Microsoft.SharePoint.Client.Search.Query.ReorderingRuleMatchType

**ShortName:** Microsoft.SharePoint.Client.Search.Query.ReorderingRuleMatchType

**Flag:** false

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.4.5.

### 3.1.5.33.1 Field Values

#### 3.1.5.33.1.1 ResultContainsKeyword

**Value:** 0

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.4.5.

#### 3.1.5.33.1.2 TitleContainsKeyword

**Value:** 1

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.4.5.

#### 3.1.5.33.1.3 TitleMatchesKeyword

**Value:** 2

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.4.5.

#### 3.1.5.33.1.4 UrlStartsWith

**Value:** 3

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.4.5.

#### 3.1.5.33.1.5 UriExactlyMatches

**Value:** 4

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.4.5.

### **3.1.5.33.1.6 ContentTypeIs**

**Value:** 5

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.4.5.

### **3.1.5.33.1.7 FileExtensionMatches**

**Value:** 6

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.4.5.

### **3.1.5.33.1.8 ResultHasTag**

**Value:** 7

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.4.5.

### **3.1.5.33.1.9 ManualCondition**

**Value:** 8

Specified in [\[MS-QSSWS\]](#) section 3.1.4.7.4.5.

### **3.1.6 Timer Events**

None.

### **3.1.7 Other Local Events**

None.

## 4 Protocol Examples

### 4.1 Search for the keyword "home"

In this example a search is issued for keyword "home".

#### Request:

```
<Request xmlns="http://schemas.microsoft.com/sharepoint/clientquery/2009"
SchemaVersion="15.0.0.0" LibraryVersion="15.0.0.0" ApplicationName="Javascript Library">
  <Actions>
    <ObjectPath Id="191" ObjectPathId="190" />
    <SetProperty Id="192" ObjectPathId="190" Name="QueryText">
      <Parameter Type="String">home</Parameter>
    </SetProperty>
    <ObjectPath Id="194" ObjectPathId="193" />
    <Method Name="Clear" Id="195" ObjectPathId="193" />
    <SetProperty Id="196" ObjectPathId="190" Name="StartRow">
      <Parameter Type="Number">0</Parameter>
    </SetProperty>
    <ObjectPath Id="198" ObjectPathId="197" />
    <Method Name="Clear" Id="199" ObjectPathId="197" />
    <SetProperty Id="200" ObjectPathId="190" Name="HiddenConstraints">
      <Parameter Type="String"></Parameter>
    </SetProperty>
    <SetProperty Id="201" ObjectPathId="190" Name="Culture">
      <Parameter Type="Number">1033</Parameter>
    </SetProperty>
    <SetProperty Id="202" ObjectPathId="190" Name="RowsPerPage">
      <Parameter Type="Number">10</Parameter>
    </SetProperty>
    <SetProperty Id="203" ObjectPathId="190" Name="RowLimit">
      <Parameter Type="Number">10</Parameter>
    </SetProperty>
    <SetProperty Id="204" ObjectPathId="190" Name="TotalRowsExactMinimum">
      <Parameter Type="Number">31</Parameter>
    </SetProperty>
    <SetProperty Id="205" ObjectPathId="190" Name="SourceId">
      <Parameter Type="Guid">{8413cd39-2156-4e00-b54d-11efd9abdb89}</Parameter>
    </SetProperty>
    <SetProperty Id="206" ObjectPathId="190" Name="Refiners">
      <Parameter Type="String"></Parameter>
    </SetProperty>
    <SetProperty Id="207" ObjectPathId="190" Name="Refiners">
      <Parameter Type="String">Author (filter=7/0/*),LastModifiedTime (discretize=manual/2010-
11-17T08:00:00Z/2011-05-21T07:00:00Z/2011-10-18T07:00:00Z/2011-11-10T08:00:00Z/2011-11-
17T08:00:00Z),FormatId (filter=7/0/*),contentclass (filter=7/0/*)</Parameter>
    </SetProperty>
    <ObjectPath Id="209" ObjectPathId="208" />
    <Method Name="Clear" Id="210" ObjectPathId="208" />
    <Method Name="Add" Id="211" ObjectPathId="208">
      <Parameters>
        <Parameter Type="String">WorkId</Parameter>
      </Parameters>
    </Method>
    <Method Name="Add" Id="212" ObjectPathId="208">
```

```
<Parameters>
  <Parameter Type="String">Rank</Parameter>
</Parameters>
</Method>
<Method Name="Add" Id="213" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">Title</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="214" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">Author</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="215" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">Size</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="216" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">Path</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="217" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">Description</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="218" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">Write</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="219" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">SiteName</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="220" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">CollapsingStatus</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="221" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">HitHighlightedSummary</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="222" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">HitHighlightedProperties</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="223" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">ContentClass</Parameter>
  </Parameters>
</Method>
```

```
</Parameters>
</Method>
<Method Name="Add" Id="224" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">IsDocument</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="225" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">PictureThumbnailURL</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="226" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">ServerRedirectedURL</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="227" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">ServerRedirectedEmbedURL</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="228" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">ServerRedirectedPreviewURL</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="229" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">FileExtension</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="230" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">DocumentSummarySize</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="231" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">DocumentSummary</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="232" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">ContentTypeId</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="233" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">ParentLink</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="234" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">ViewsLifeTime</Parameter>
  </Parameters>
</Method>
```



```

<Method Name="Add" Id="235" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">ViewsRecent</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="236" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">SectionNames</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="237" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">SectionIndexes</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="238" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">SiteLogo</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="239" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">SiteDescription</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="240" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">deeplinks</Parameter>
  </Parameters>
</Method>
<Method Name="Add" Id="241" ObjectPathId="208">
  <Parameters>
    <Parameter Type="String">importance</Parameter>
  </Parameters>
</Method>
<ObjectPath Id="243" ObjectPathId="242" />
<Method Name="Clear" Id="244" ObjectPathId="242" />
<SetProperty Id="245" ObjectPathId="190" Name="EnableStemming">
  <Parameter Type="Boolean">>true</Parameter>
</SetProperty>
<SetProperty Id="246" ObjectPathId="190" Name="EnablePhonetic">
  <Parameter Type="Boolean">>false</Parameter>
</SetProperty>
<SetProperty Id="247" ObjectPathId="190" Name="EnableNicknames">
  <Parameter Type="Boolean">>false</Parameter>
</SetProperty>
<SetProperty Id="248" ObjectPathId="190" Name="TrimDuplicates">
  <Parameter Type="Boolean">>true</Parameter>
</SetProperty>
<SetProperty Id="249" ObjectPathId="190" Name="ResultsUrl">
  <Parameter Type="String">http://ramansom-
test21/sites/search/_layouts/15/start.aspx#/sites/search/Pages/results.aspx?k=page#hp=%7B%22D
efault%22%3A%7B%22s%22%3A1%2C%221%22%3A-1%2C%22d%22%3A-
1%2C%22k%22%3A%22home%22%2C%22o%22%3Anull%2C%22x%22%3Anull%2C%22r%22%3Anull%2C%22m%22%3A%22%
2%7D%7D</Parameter>
</SetProperty>
<SetProperty Id="250" ObjectPathId="190" Name="BypassResultTypes">

```

```

    <Parameter Type="Boolean">false</Parameter>
  </SetProperty>
  <SetProperty Id="251" ObjectPathId="190" Name="ClientType">
    <Parameter Type="String">UI</Parameter>
  </SetProperty>
  <ObjectPath Id="253" ObjectPathId="252" />
  <Method Name="Clear" Id="254" ObjectPathId="252" />
  <SetProperty Id="255" ObjectPathId="190" Name="EnableInterleaving">
    <Parameter Type="Boolean">false</Parameter>
  </SetProperty>
  <ObjectPath Id="257" ObjectPathId="256" />
  <ExceptionHandlingScope Id="258">
    <TryScope Id="260">
      <Method Name="ExecuteQueries" Id="262" ObjectPathId="256">
        <Parameters>
          <Parameter Type="Array">
            <Object Type="String">Default</Object>
          </Parameter>
          <Parameter Type="Array">
            <Object ObjectPathId="190" />
          </Parameter>
        </Parameters>
      </Method>
    </TryScope>
    <CatchScope Id="264" />
  </ExceptionHandlingScope>
</Actions>
<ObjectPaths>
  <Constructor Id="190" TypeId="{80173281-fffd-47b6-9a49-312e06ff8428}">
    <Parameters>
      <Parameter ObjectPathId="8" />
    </Parameters>
  </Constructor>
  <Property Id="193" ParentId="190" Name="SortList" />
  <Property Id="197" ParentId="190" Name="RefinementFilters" />
  <Property Id="208" ParentId="190" Name="SelectProperties" />
  <Property Id="242" ParentId="190" Name="HitHighlightedProperties" />
  <Property Id="252" ParentId="190" Name="ReorderingRules" />
  <Constructor Id="256" TypeId="{8d2ac302-db2f-46fe-9015-872b35f15098}" />
  <Property Id="8" ParentId="6" Name="Site" />
  <StaticProperty Id="6" TypeId="{3747adcd-a3c3-41b9-bfab-4a64dd2f1e0a}" Name="Current" />
</ObjectPaths>
</Request>

```

## Response:

```

[
  {
    "SchemaVersion":"15.0.0.0","LibraryVersion":"15.0.3514.1000","ErrorInfo":null
  },191,{
    "IsNull":false
  },194,{
    "IsNull":false
  },198,{
    "IsNull":false
  },209,{

```

```
"IsNull":false
},243,{
"IsNull":false
},253,{
"IsNull":false
},257,{
"IsNull":false
},262,{
"Default":{
"_ObjectType_":"Microsoft.SharePoint.Client.Search.Query.ResultTableCollection","ElapsedTime":514,"Properties":{
"RowLimit":10
},"QueryId":"940b1d2c-322c-44c2-a493-4306e5321c37","SpellingSuggestion":"","TriggeredRules":[
],
"ResultTables":[
{
"_ObjectType_":"Microsoft.SharePoint.Client.Search.Query.ResultTable","GroupTemplateId":null,
"ItemTemplateId":null,"Properties":{
"GenerationId":9223372036854775806,"QueryModification":"home -ContentClass:urn:content-class:SPSPeople","RenderTemplateId":"~sitecollection\u002f_catalogs\u002fmasterpage\u002fDisplay Templates\u002fSearch\u002fDefaultGroup.js"
},"QueryId":"940b1d2c-322c-44c2-a493-4306e5321c37","QueryRuleId":"00000000-0000-0000-0000-000000000000","ResultRefiners":[
],
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## **5 Security**

### **5.1 Security Considerations for Implementers**

None.

### **5.2 Index of Security Parameters**

None.

Preliminary

## 6 Appendix A: Product Behavior

The information in this specification is applicable to the following Microsoft products or supplemental software. References to product versions include released service packs:

- Microsoft® SharePoint® Foundation 15 Technical Preview
- Microsoft® SharePoint® Server 15 Technical Preview

Exceptions, if any, are noted below. If a service pack or Quick Fix Engineering (QFE) number appears with the product version, behavior changed in that service pack or QFE. The new behavior also applies to subsequent service packs of the product unless otherwise specified. If a product edition appears with the product version, behavior is different in that product edition.

Unless otherwise specified, any statement of optional behavior in this specification that is prescribed using the terms SHOULD or SHOULD NOT implies product behavior in accordance with the SHOULD or SHOULD NOT prescription. Unless otherwise specified, the term MAY implies that the product does not follow the prescription.

## 7 Change Tracking

No table of changes is available. The document is either new or has had no changes since its last release.

Preliminary

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