

[MS-SRCHCSOM]: Search Client Query Protocol Specification

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Preliminary

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:

relevance judgment: A numeric evaluation of the applicability and correspondence of a search result to a search query that falls within the range of 1-5 inclusive with 5 being the most relevant and 1 being the least relevant.

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 technical 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. 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.

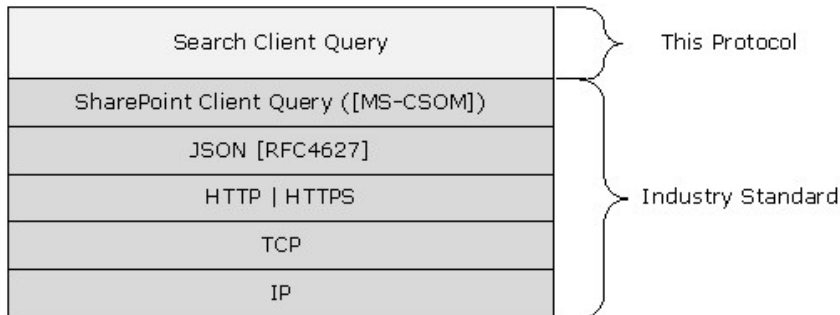


Figure 1: This protocol in relation to other protocols

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 permission 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 [\[MS-QSSWS\]](#) section 3.1.4.1.3.6

3.1.5.3.1.1.8 ResultTitleUrl

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.11.1.1.8 QueryTag

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.11.1.1.9 QueryText

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.11.1.1.10 RankingModelId

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.11.1.1.11 ResultsUrl

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.11.1.1.12 RowLimit

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.11.1.1.13 RowsPerPage

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.11.1.1.14 ShowPeopleNameSuggestions

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.11.1.1.15 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 [\[MS-QSSWS\]](#) section 2.2.4.12

3.1.5.11.1.1.17 Timeout

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.11.1.1.18 TrimDuplicates

Type: CSOM Boolean

Accessibility: Read/Write

As specified in [\[MS-QSSWS\]](#) 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 [\[MS-QSSWS\]](#) section 3.1.4.11.4.1

3.1.5.11.1.1.20 ProcessBestBets

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.11.1.1.21 TotalRowsExactMinimum

Type: CSOM Int32

Accessibility: Read/Write

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

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

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

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

3.1.5.13.1.1.10 QueryText

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.13.1.1.11 RankingModelId

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.13.1.1.12 Refiners

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.13.1.1.13 ResultsUrl

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.13.1.1.14 RowLimit

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.13.1.1.15 RowsPerPage

Type: CSOM Int32

Accessibility: Read/Write

As specified in [\[MS-QSWS\]](#) 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 **QueryPropertyValueTypeIndex** 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 **QueryPropertyValueTypeIndex** 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 [\[MS-QSWS\]](#) section 3.1.4.7.4.5.

3.1.5.33.1.3 TitleMatchesKeyword

Value: 2

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

3.1.5.33.1.4 UrlStartsWith

Value: 3

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

3.1.5.33.1.5 UriExactlyMatches

Value: 4

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

3.1.5.33.1.6 ContentTypeIs

Value: 5

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

3.1.5.33.1.7 FileExtensionMatches

Value: 6

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

3.1.5.33.1.8 ResultHasTag

Value: 7

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

3.1.5.33.1.9 ManualCondition

Value: 8

Specified in [\[MS-QSWS\]](#) 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>
  </Actions>
</Request>
```

```

    </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>
<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
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-ffff-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\u002fDisp
lay Templates\u002fSearch\u002fDefaultGroup.js"
}, "QueryId":"940b1d2c-322c-44c2-a493-4306e5321c37", "QueryRuleId":"00000000-0000-0000-0000-
000000000000", "ResultRefiners":[
], "ResultRows":[
{
"Rank":"3.49530363082886", "DocId":200013, "WorkId":null, "Title":"\r\n\t\r\n\tHome\r\n\r\n", "Au
thor":"REDMOND\DOZER; | System Account |
SHAREPOINT\system", "Size":69282, "Path":"http:\u002f\u002framansom-
test21", "Description":"Content
site", "Write":"\Date(2011,10,15,15,21,48,0)\", "sitename":null, "CollapsingStatus":0, "HitHigh
lightedSummary":"Page Image\r\n\u00a0\r\nPage Content\r\nWelcome to Microsoft?? SharePoint??
Server 15 (Technical Preview <ddd\u002f> Get started with the new version of Microsoft
SharePoint Server 15 (Technical Preview <ddd\u002f>
", "HitHighlightedProperties":"<HHTitle>\r\n\t\r\n\tHome\r\n\r\n<\u002fHHTitle><HUrl>http:\u0
02f\u002framansom-
test21<\u002fHHUrl>", "contentclass":"STS_Site", "IsDocument":false, "PictureThumbnailURL":null,
"ServerRedirectedURL":null, "ServerRedirectedEmbedURL":null, "ServerRedirectedPreviewURL":null,
"FileExtension":null, "ContentTypeId":null, "ParentLink":null, "ViewsLifeTime":null, "ViewsRecent
":null, "SectionNames":""," "SectionIndexes":""," "SiteLogo":null, "SiteDescription":"Content
site", "deeplinks":""," "importance":0, "OriginalPath":"http:\u002f\u002framansom-
test21", "ResultTypeIdList":"23", "LastModifiedTime":null, "DocumentSummarySize":2324, "DocumentS
ummary":"\Base64Binary(7L0HYBxJliUmL23Ke39K9URX4HSChIBgEYtYkEAQ7MGIzeaS7BlpRyMpqyqBymVWZV1mF
kDM7Z28995777333nvvvfe60510J\u002ffff\u002fz9cZmQBbPbOStrJniGAqsgfP358Hz8i\u002fu\u002f\u002f+
\u002f\u002f+v3+ttX+PX+DV+nV\u002fj1\u002fg1f1r1f49f5NX6DX+PX+DV+jV\u002fj1\u002fj1\u002ff81foNf49f5NX6N
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\u002ffRXD+O\u002ffrsVxDe\u002ff53e+z9\u002ffzv\u002ff31\u002ff1f63f4NF4jX4twunX+rV\u002ffjd\u002ffu1
\u002ffp1f41fQD8\u002ff+rV+vV\u002ffjDv3c\u002ffrV+nV\u002ffjHv3+6Nf6tX6Nz6jdm\u002ffr796LFX\u002ffx
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+nnX0w\u002ff\u002ff3L6+dFR+38TtF276fd\u002ffkH7\u002ffR+j9f5J+\u002ffxfovX+d4P6bBPc\u002ffos\u002ff
+C\u002ffruv6b6ffxn9\u002ffF\u002ffp7\u002ff+Tvv91f+1f59diFulF99f4zX\u002fftH\u002ffs1fqdf+9f+NdJf+9
f7NT6mz0a\u002ffm\u002ffwa9yn3w\u002ffp\u002ff0\u002ff0\u002ff789\u002ff7V\u002ff313j+a\u002ffw8v8LvT
fp\u002ffTF70P\u002ffXdN\u002fffxz99xfTf\u002ff8I\u002fffcf0n\u002ff\u002ffKf33P9J\u002ffz3\u002ffN57\
\u002ffmX0z\u002ff\u002ffYv03x\u002ffwa\u002ff0Bv9Yvvpv9+4a\u002ff9C3\u002ffT+i\u002ffQ\u002ffrv+a\u002
ff9a\u002ffw8v8LvT\u002ffjV+jZ8hzql+jSxSM7\u002ffpr9G82s\u002ffnFjR7H+NW6Tz4vqTd819NvOXEXWsx
+jZ\u002ff5NZ7S21NqubDvn+hvOb37G\u002ff8aCbV5Qb9f0bs\u002ff82u8\u002ffjYarLiQLGK9pP01jqltS\u002ff1
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aNSQv6DTMONiQXBPEc3z0jHOV3wPyL+F\u002ff3bfg+vvvur4GZntLnC27R0m8p9Yfx1PR7Q\u002ff8\u002ffp09\u002
ffD\u002ffovJYznPAL0WFGbpcfN6HXJ\u002ff6a\u002ffxu6vcZ\u002ff+3fo13vwa4KE5tQ08jHpK6U28f0mfgEqf078y
kpYhC7+19A1GNmeM5ozZktun2gdGjRgkF8M4zi2Xx\u002ffTjzQXDUPBjDUMqaJ2a5594NIQHLzxi+izgn9Dq1PLTSv6
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fQ1lQbU0c4lPbFws8Mvk1wM1T\u002ffkxGbz59qfOGvp8yNiXBgxaR\u002ffs\u002ffo33P65CXjjz7OGYvFr2G4LaP\u
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Preliminary

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 2013 Preview
- Microsoft® SharePoint® Server 2013 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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