

[MS-SRCHCSOM]:

Search Client Query Protocol

Intellectual Property Rights Notice for Open Specifications Documentation

- **Technical Documentation.** Microsoft publishes Open Specifications documentation (“this documentation”) for protocols, file formats, data portability, computer languages, and standards support. Additionally, overview documents cover inter-protocol relationships and interactions.
- **Copyrights.** This documentation is covered by Microsoft copyrights. Regardless of any other terms that are contained in the terms of use for the Microsoft website that hosts this documentation, you can make copies of it in order to develop implementations of the technologies that are described in this documentation and can distribute portions of it in your implementations that use these technologies or in your documentation as necessary to properly document the implementation. You can also distribute in your implementation, with or without modification, any schemas, IDLs, or code samples that are included in the documentation. This permission also applies to any documents that are referenced in the Open Specifications documentation.
- **No Trade Secrets.** Microsoft does not claim any trade secret rights in this documentation.
- **Patents.** Microsoft has patents that might cover your implementations of the technologies described in the Open Specifications documentation. Neither this notice nor Microsoft's delivery of this documentation grants any licenses under those patents or any other Microsoft patents. However, a given Open Specifications document might be covered by the Microsoft [Open Specifications Promise](#) or the [Microsoft Community Promise](#). If you would prefer a written license, or if the technologies described in this documentation are not covered by the Open Specifications Promise or Community Promise, as applicable, patent licenses are available by contacting iplg@microsoft.com.
- **Trademarks.** The names of companies and products contained in this documentation might be covered by trademarks or similar intellectual property rights. This notice does not grant any licenses under those rights. For a list of Microsoft trademarks, visit www.microsoft.com/trademarks.
- **Fictitious Names.** The example companies, organizations, products, domain names, email addresses, logos, people, places, and events that are depicted in this documentation are fictitious. No association with any real company, organization, product, domain name, email address, logo, person, place, or event is intended or should be inferred.

Reservation of Rights. All other rights are reserved, and this notice does not grant any rights other than as specifically described above, whether by implication, estoppel, or otherwise.

Tools. The Open Specifications documentation does not require the use of Microsoft programming tools or programming environments in order for you to develop an implementation. If you have access to Microsoft programming tools and environments, you are free to take advantage of them. Certain Open Specifications documents are intended for use in conjunction with publicly available standards specifications and network programming art and, as such, assume that the reader either is familiar with the aforementioned material or has immediate access to it.

Revision Summary

Date	Revision History	Revision Class	Comments
1/20/2012	0.1	New	Released new document.
4/11/2012	0.1	None	No changes to the meaning, language, or formatting of the technical content.
7/16/2012	0.1	None	No changes to the meaning, language, or formatting of the technical content.
9/12/2012	0.1	None	No changes to the meaning, language, or formatting of the technical content.
10/8/2012	1.0	Major	Significantly changed the technical content.
2/11/2013	1.0	None	No changes to the meaning, language, or formatting of the technical content.
7/30/2013	2.0	Major	Significantly changed the technical content.
11/18/2013	2.0	None	No changes to the meaning, language, or formatting of the technical content.
2/10/2014	2.0	None	No changes to the meaning, language, or formatting of the technical content.
4/30/2014	2.0	None	No changes to the meaning, language, or formatting of the technical content.
7/31/2014	2.1	Minor	Clarified the meaning of the technical content.
10/30/2014	2.1	None	No changes to the meaning, language, or formatting of the technical content.
2/26/2016	3.0	Major	Significantly changed the technical content.
7/15/2016	3.0	None	No changes to the meaning, language, or formatting of the technical content.
10/13/2016	4.0	Major	Significantly changed the technical content.

Table of Contents

1	Introduction	14
1.1	Glossary	14
1.2	References	16
1.2.1	Normative References	16
1.2.2	Informative References	17
1.3	Overview	17
1.4	Relationship to Other Protocols	17
1.5	Prerequisites/Preconditions	18
1.6	Applicability Statement	18
1.7	Versioning and Capability Negotiation	18
1.8	Vendor-Extensible Fields	18
1.9	Standards Assignments.....	18
2	Messages.....	19
2.1	Transport.....	19
2.2	Message Syntax.....	19
2.2.1	Namespaces	19
2.2.2	Common Exceptions.....	19
3	Protocol Details.....	20
3.1	Server Details.....	20
3.1.1	Abstract Data Model.....	20
3.1.2	Timers	20
3.1.3	Initialization	20
3.1.4	Higher-Layer Triggered Events	20
3.1.5	Message Processing Events and Sequencing Rules	20
3.1.5.1	Microsoft.Office.Server.Search.REST.CustomResult	20
3.1.5.1.1	Properties.....	20
3.1.5.1.1.1	Scalar Properties.....	20
3.1.5.1.1.1.1	TableType	20
3.1.5.1.1.1.2	Properties.....	21
3.1.5.1.1.1.3	GroupTemplateId	21
3.1.5.1.1.1.4	ItemTemplateId	21
3.1.5.1.1.1.5	ResultTitle	21
3.1.5.1.1.1.6	ResultTitleUrl	21
3.1.5.1.1.1.7	Table	21
3.1.5.1.1.2	ObjectPath Properties.....	21
3.1.5.2	Microsoft.Office.Server.Search.REST.QueryResult	22
3.1.5.2.1	Properties.....	22
3.1.5.2.1.1	Scalar Properties.....	22
3.1.5.2.1.1.1	CustomResults	22
3.1.5.2.1.1.2	QueryId	22
3.1.5.2.1.1.3	QueryRuleId	23
3.1.5.2.1.1.4	RefinementResults.....	23
3.1.5.2.1.1.5	RelevantResults	23
3.1.5.2.1.1.6	SpecialTermResults	23
3.1.5.2.1.2	ObjectPath Properties.....	23
3.1.5.3	Microsoft.Office.Server.Search.REST.RefinementResults	23
3.1.5.3.1	Properties.....	23
3.1.5.3.1.1	Scalar Properties.....	23
3.1.5.3.1.1.1	Refiners	23
3.1.5.3.1.1.2	Properties.....	24
3.1.5.3.1.1.3	GroupTemplateId	24
3.1.5.3.1.1.4	ItemTemplateId	24
3.1.5.3.1.1.5	ResultTitle	24

3.1.5.3.1.1.6	ResultTitleUrl	24
3.1.5.3.1.2	ObjectPath Properties	24
3.1.5.4	Microsoft.Office.Server.Search.REST.RelevantResults	24
3.1.5.4.1	Properties	24
3.1.5.4.1.1	Scalar Properties	24
3.1.5.4.1.1.1	RowCount	24
3.1.5.4.1.1.2	TotalRows	25
3.1.5.4.1.1.3	Properties	25
3.1.5.4.1.1.4	GroupTemplateId	25
3.1.5.4.1.1.5	ItemTemplateId	25
3.1.5.4.1.1.6	ResultTitle	25
3.1.5.4.1.1.7	ResultTitleUrl	25
3.1.5.4.1.1.8	Table	25
3.1.5.4.1.1.9	TotalRowsIncludingDuplicates	26
3.1.5.4.1.2	ObjectPath Properties	26
3.1.5.5	Microsoft.Office.Server.Search.REST.SearchRequest	26
3.1.5.5.1	Properties	26
3.1.5.5.1.1	Scalar Properties	26
3.1.5.5.1.1.1	Culture	26
3.1.5.5.1.1.2	EnableInterleaving	26
3.1.5.5.1.1.3	EnableNicknames	26
3.1.5.5.1.1.4	EnablePhonetic	26
3.1.5.5.1.1.5	EnableStemming	27
3.1.5.5.1.1.6	HiddenConstraints	27
3.1.5.5.1.1.7	Querytext	27
3.1.5.5.1.1.8	RankingModelId	27
3.1.5.5.1.1.9	RefinementFilters	27
3.1.5.5.1.1.10	Refiners	27
3.1.5.5.1.1.11	RowLimit	27
3.1.5.5.1.1.12	RowsPerPage	28
3.1.5.5.1.1.13	SelectProperties	28
3.1.5.5.1.1.14	SourceId	28
3.1.5.5.1.1.15	StartRow	28
3.1.5.5.1.1.16	Timeout	28
3.1.5.5.1.1.17	TrimDuplicates	28
3.1.5.5.1.1.18	EnableFQL	28
3.1.5.5.1.1.19	BypassResultTypes	28
3.1.5.5.1.1.20	ClientType	29
3.1.5.5.1.1.21	HitHighlightedProperties	29
3.1.5.5.1.1.22	ProcessBestBets	29
3.1.5.5.1.1.23	QueryTag	29
3.1.5.5.1.1.24	ResultsUrl	29
3.1.5.5.1.1.25	TrimDuplicatesIncludeId	29
3.1.5.5.1.1.26	BlockDedupeMode	29
3.1.5.5.1.1.27	CollapseSpecification	30
3.1.5.5.1.1.28	DesiredSnippetLength	30
3.1.5.5.1.1.29	EnableOrderingHitHighlightedProperty	30
3.1.5.5.1.1.30	EnableQueryRules	30
3.1.5.5.1.1.31	EnableSorting	30
3.1.5.5.1.1.32	GenerateBlockRankLog	30
3.1.5.5.1.1.33	HitHighlightedMultivaluePropertyLimit	30
3.1.5.5.1.1.34	ImpressionId	31
3.1.5.5.1.1.35	MaxSnippetLength	31
3.1.5.5.1.1.36	PersonalizationData	31
3.1.5.5.1.1.37	ProcessPersonalFavorites	31
3.1.5.5.1.1.38	Properties	31
3.1.5.5.1.1.39	QueryTemplate	31
3.1.5.5.1.1.40	ReorderingRules	31

3.1.5.5.1.1.41	SortList	31
3.1.5.5.1.1.42	SummaryLength	32
3.1.5.5.1.1.43	TotalRowsExactMinimum	32
3.1.5.5.1.1.44	UILanguage	32
3.1.5.5.1.1.45	QueryTemplatePropertiesUrl	32
3.1.5.5.1.1.46	TimeZoneId	32
3.1.5.5.1.2	ObjectPath Properties	32
3.1.5.6	Microsoft.Office.Server.Search.REST.SearchResult	32
3.1.5.6.1	Properties	33
3.1.5.6.1.1	Scalar Properties	33
3.1.5.6.1.1.1	ElapsedTime	33
3.1.5.6.1.1.2	PrimaryQueryResult	33
3.1.5.6.1.1.3	SecondaryQueryResults	33
3.1.5.6.1.1.4	Properties	33
3.1.5.6.1.1.5	SpellingSuggestion	33
3.1.5.6.1.1.6	TriggeredRules	33
3.1.5.6.1.2	ObjectPath Properties	33
3.1.5.7	Microsoft.Office.Server.Search.REST.SearchService	34
3.1.5.7.1	Properties	34
3.1.5.7.1.1	Scalar Properties	34
3.1.5.7.1.2	ObjectPath Properties	34
3.1.5.7.2	Methods	34
3.1.5.7.2.1	Scalar Methods	34
3.1.5.7.2.1.1	autocompletions	34
3.1.5.7.2.1.2	postquery	35
3.1.5.7.2.1.3	query	35
3.1.5.7.2.1.4	RecordPageClick	38
3.1.5.7.2.1.5	resultspageaddress	39
3.1.5.7.2.1.6	searchcenterurl	39
3.1.5.7.2.1.7	suggest	39
3.1.5.7.2.2	ObjectPath Methods	40
3.1.5.7.2.2.1	CSOM Constructor	40
3.1.5.8	Microsoft.Office.Server.Search.REST.SpecialTermResult	40
3.1.5.8.1	Properties	40
3.1.5.8.1.1	Scalar Properties	40
3.1.5.8.1.1.1	Description	40
3.1.5.8.1.1.2	IsVisualBestBet	41
3.1.5.8.1.1.3	Title	41
3.1.5.8.1.1.4	Url	41
3.1.5.8.1.1.5	PiSearchResultId	41
3.1.5.8.1.1.6	RenderTemplateId	41
3.1.5.8.1.2	ObjectPath Properties	41
3.1.5.9	Microsoft.SharePoint.Client.Search.Query.KeywordQuery	41
3.1.5.9.1	Properties	41
3.1.5.9.1.1	Scalar Properties	41
3.1.5.9.1.1.1	BypassResultTypes	41
3.1.5.9.1.1.2	Culture	42
3.1.5.9.1.1.3	EnableInterleaving	42
3.1.5.9.1.1.4	EnableNicknames	42
3.1.5.9.1.1.5	EnablePhonetic	42
3.1.5.9.1.1.6	EnableStemming	42
3.1.5.9.1.1.7	HiddenConstraints	42
3.1.5.9.1.1.8	QueryTag	42
3.1.5.9.1.1.9	QueryText	43
3.1.5.9.1.1.10	RankingModelId	43
3.1.5.9.1.1.11	Refiners	43
3.1.5.9.1.1.12	ResultsUrl	43
3.1.5.9.1.1.13	RowLimit	43

3.1.5.9.1.1.14	RowsPerPage	43
3.1.5.9.1.1.15	ShowPeopleNameSuggestions	43
3.1.5.9.1.1.16	SourceId	43
3.1.5.9.1.1.17	StartRow	44
3.1.5.9.1.1.18	Timeout	44
3.1.5.9.1.1.19	TrimDuplicates	44
3.1.5.9.1.1.20	ClientType	44
3.1.5.9.1.1.21	TrimDuplicatesIncludeId	44
3.1.5.9.1.1.22	ProcessBestBets	44
3.1.5.9.1.1.23	TotalRowsExactMinimum	44
3.1.5.9.1.1.24	EnableQueryRules	45
3.1.5.9.1.1.25	ImpressionID	45
3.1.5.9.1.1.26	BlockDedupeMode	45
3.1.5.9.1.1.27	CollapseSpecification	45
3.1.5.9.1.1.28	DesiredSnippetLength	45
3.1.5.9.1.1.29	EnableOrderingHitHighlightedProperty	45
3.1.5.9.1.1.30	EnableSorting	45
3.1.5.9.1.1.31	GenerateBlockRankLog	46
3.1.5.9.1.1.32	HitHighlightedMultivaluePropertyLimit	46
3.1.5.9.1.1.33	MaxSnippetLength	46
3.1.5.9.1.1.34	ProcessPersonalFavorites	46
3.1.5.9.1.1.35	QueryTemplate	46
3.1.5.9.1.1.36	QueryTemplateParameters	46
3.1.5.9.1.1.37	SummaryLength	46
3.1.5.9.1.1.38	UILanguage	46
3.1.5.9.1.1.39	IgnoreSafeQueryPropertiesTemplateUrl	47
3.1.5.9.1.1.40	SafeQueryPropertiesTemplateUrl	47
3.1.5.9.1.1.41	TimeZoneId	47
3.1.5.9.1.2	ObjectPath Properties	47
3.1.5.9.1.2.1	HitHighlightedProperties	47
3.1.5.9.1.2.2	PersonalizationData	47
3.1.5.9.1.2.3	Properties	47
3.1.5.9.1.2.4	RefinementFilters	47
3.1.5.9.1.2.5	SelectProperties	48
3.1.5.9.1.2.6	SortList	48
3.1.5.9.1.2.7	ReorderingRules	48
3.1.5.9.2	Methods	48
3.1.5.9.2.1	Scalar Methods	48
3.1.5.9.2.1.1	GetQuerySuggestionsWithResults	48
3.1.5.9.2.1.2	GetQueryCompletions	49
3.1.5.9.2.2	ObjectPath Methods	49
3.1.5.9.2.2.1	CSOM Constructor	49
3.1.5.10	Microsoft.SharePoint.Client.Search.Query.KeywordQueryProperties	49
3.1.5.10.1	Properties	49
3.1.5.10.1.1	Scalar Properties	49
3.1.5.10.1.2	ObjectPath Properties	49
3.1.5.10.2	Methods	49
3.1.5.10.2.1	Scalar Methods	49
3.1.5.10.2.1.1	GetQueryPropertyValue	49
3.1.5.10.2.1.2	SetQueryPropertyValue	50
3.1.5.10.2.2	ObjectPath Methods	50
3.1.5.11	Microsoft.SharePoint.Client.Search.Query.PersonalResultSuggestion	50
3.1.5.11.1	Properties	50
3.1.5.11.1.1	Scalar Properties	50
3.1.5.11.1.1.1	IsBestBet	50
3.1.5.11.1.1.2	Title	50
3.1.5.11.1.1.3	Url	50
3.1.5.11.1.1.4	HighlightedTitle	51

3.1.5.11.1.2	ObjectPath Properties	51
3.1.5.12	Microsoft.SharePoint.Client.Search.Query.Query	51
3.1.5.12.1	Properties	51
3.1.5.12.1.1	Scalar Properties	51
3.1.5.12.1.1.1	BypassResultTypes	51
3.1.5.12.1.1.2	Culture	51
3.1.5.12.1.1.3	EnableInterleaving	51
3.1.5.12.1.1.4	EnableNicknames	51
3.1.5.12.1.1.5	EnablePhonetic	52
3.1.5.12.1.1.6	EnableStemming	52
3.1.5.12.1.1.7	QueryTag	52
3.1.5.12.1.1.8	QueryText	52
3.1.5.12.1.1.9	RankingModelId	52
3.1.5.12.1.1.10	ResultsUrl	52
3.1.5.12.1.1.11	RowLimit	52
3.1.5.12.1.1.12	RowsPerPage	53
3.1.5.12.1.1.13	ShowPeopleNameSuggestions	53
3.1.5.12.1.1.14	SourceId	53
3.1.5.12.1.1.15	StartRow	53
3.1.5.12.1.1.16	Timeout	53
3.1.5.12.1.1.17	TrimDuplicates	53
3.1.5.12.1.1.18	ClientType	53
3.1.5.12.1.1.19	ProcessBestBets	53
3.1.5.12.1.1.20	TotalRowsExactMinimum	54
3.1.5.12.1.1.21	EnableQueryRules	54
3.1.5.12.1.1.22	ImpressionID	54
3.1.5.12.1.1.23	BlockDedupeMode	54
3.1.5.12.1.1.24	DesiredSnippetLength	54
3.1.5.12.1.1.25	EnableOrderingHitHighlightedProperty	54
3.1.5.12.1.1.26	GenerateBlockRankLog	54
3.1.5.12.1.1.27	HitHighlightedMultivaluePropertyLimit	55
3.1.5.12.1.1.28	MaxSnippetLength	55
3.1.5.12.1.1.29	ProcessPersonalFavorites	55
3.1.5.12.1.1.30	QueryTemplate	55
3.1.5.12.1.1.31	QueryTemplateParameters	55
3.1.5.12.1.1.32	SummaryLength	55
3.1.5.12.1.1.33	UILanguage	55
3.1.5.12.1.1.34	IgnoreSafeQueryPropertiesTemplateUrl	55
3.1.5.12.1.1.35	SafeQueryPropertiesTemplateUrl	56
3.1.5.12.1.2	ObjectPath Properties	56
3.1.5.12.1.2.1	HitHighlightedProperties	56
3.1.5.12.1.2.2	PersonalizationData	56
3.1.5.12.2	Methods	56
3.1.5.12.2.1	Scalar Methods	56
3.1.5.12.2.1.1	GetQuerySuggestionsWithResults	56
3.1.5.12.2.1.2	GetQueryCompletions	57
3.1.5.12.2.2	ObjectPath Methods	57
3.1.5.13	Microsoft.SharePoint.Client.Search.Query.QueryPersonalizationData	57
3.1.5.13.1	Properties	57
3.1.5.13.1.1	Scalar Properties	57
3.1.5.13.1.2	ObjectPath Properties	57
3.1.5.13.2	Methods	57
3.1.5.13.2.1	Scalar Methods	57
3.1.5.13.2.2	ObjectPath Methods	57
3.1.5.13.2.2.1	CSOM Constructor	58
3.1.5.14	Microsoft.SharePoint.Client.Search.Query.QueryPropertyValue	58
3.1.5.14.1	Properties	58
3.1.5.14.1.1	Scalar Properties	58

3.1.5.14.1.1.1	BoolVal	58
3.1.5.14.1.1.2	IntVal	58
3.1.5.14.1.1.3	QueryPropertyValueIndex	58
3.1.5.14.1.1.4	StrArray	59
3.1.5.14.1.1.5	StrVal	59
3.1.5.14.1.2	ObjectPath Properties	59
3.1.5.15	Microsoft.SharePoint.Client.Search.Query.QuerySuggestionResults	59
3.1.5.15.1	Properties	59
3.1.5.15.1.1	Scalar Properties	59
3.1.5.15.1.1.1	PeopleNames	59
3.1.5.15.1.1.2	PersonalResults	59
3.1.5.15.1.1.3	Queries	59
3.1.5.15.1.2	ObjectPath Properties	59
3.1.5.16	Microsoft.SharePoint.Client.Search.Query.ResultTable	60
3.1.5.16.1	Properties	60
3.1.5.16.1.1	Scalar Properties	60
3.1.5.16.1.1.1	Properties	60
3.1.5.16.1.1.2	QueryId	60
3.1.5.16.1.1.3	ResultRows	60
3.1.5.16.1.1.4	RowCount	60
3.1.5.16.1.1.5	TableType	60
3.1.5.16.1.1.6	TotalRows	60
3.1.5.16.1.1.7	GroupTemplateId	61
3.1.5.16.1.1.8	ItemTemplateId	61
3.1.5.16.1.1.9	QueryRuleId	61
3.1.5.16.1.1.10	ResultTitle	61
3.1.5.16.1.1.11	ResultTitleUrl	61
3.1.5.16.1.1.12	TotalRowsIncludingDuplicates	61
3.1.5.16.1.2	ObjectPath Properties	61
3.1.5.17	Microsoft.SharePoint.Client.Search.Query.ResultTableCollection	61
3.1.5.17.1	Properties	62
3.1.5.17.1.1	Scalar Properties	62
3.1.5.17.1.1.1	ElapsedTime	62
3.1.5.17.1.1.2	Properties	62
3.1.5.17.1.1.3	QueryId	62
3.1.5.17.1.1.4	SpellingSuggestion	62
3.1.5.17.1.1.5	TriggeredRules	62
3.1.5.17.1.1.6	QueryErrors	62
3.1.5.17.1.2	ObjectPath Properties	62
3.1.5.18	Microsoft.SharePoint.Client.Search.Query.SearchExecutor	63
3.1.5.18.1	Properties	63
3.1.5.18.1.1	Scalar Properties	63
3.1.5.18.1.2	ObjectPath Properties	63
3.1.5.18.2	Methods	63
3.1.5.18.2.1	Scalar Methods	63
3.1.5.18.2.1.1	ExecuteQueries	63
3.1.5.18.2.1.2	ExecuteQuery	63
3.1.5.18.2.1.3	RecordPageClick	64
3.1.5.18.2.1.4	ExportPopularQueries	65
3.1.5.18.2.2	ObjectPath Methods	65
3.1.5.18.2.2.1	CSOM Constructor	65
3.1.5.19	Microsoft.SharePoint.Client.Search.Query.Sort	65
3.1.5.19.1	Properties	65
3.1.5.19.1.1	Scalar Properties	65
3.1.5.19.1.1.1	Direction	65
3.1.5.19.1.1.2	Property	65
3.1.5.19.1.2	ObjectPath Properties	66
3.1.5.20	Microsoft.SharePoint.Client.Search.Query.SortCollection	66

3.1.5.20.1	Properties.....	66
3.1.5.20.1.1	Scalar Properties.....	66
3.1.5.20.1.2	ObjectPath Properties.....	66
3.1.5.20.2	Methods.....	66
3.1.5.20.2.1	Scalar Methods.....	66
3.1.5.20.2.1.1	Add.....	66
3.1.5.20.2.1.2	Clear.....	66
3.1.5.20.2.2	ObjectPath Methods.....	66
3.1.5.21	Microsoft.SharePoint.Client.Search.Query.SortDirection.....	66
3.1.5.21.1	Field Values.....	67
3.1.5.21.1.1	Ascending.....	67
3.1.5.21.1.2	Descending.....	67
3.1.5.21.1.3	FQLFormula.....	67
3.1.5.22	Microsoft.SharePoint.Client.Search.Query.StringCollection.....	67
3.1.5.22.1	Properties.....	67
3.1.5.22.1.1	Scalar Properties.....	67
3.1.5.22.1.2	ObjectPath Properties.....	67
3.1.5.22.2	Methods.....	67
3.1.5.22.2.1	Scalar Methods.....	67
3.1.5.22.2.1.1	Add.....	67
3.1.5.22.2.1.2	Clear.....	68
3.1.5.22.2.2	ObjectPath Methods.....	68
3.1.5.22.2.2.1	CSOM Constructor.....	68
3.1.5.23	Microsoft.SharePoint.Client.Search.Query.RankingLabeling.....	68
3.1.5.23.1	Properties.....	68
3.1.5.23.1.1	Scalar Properties.....	68
3.1.5.23.1.2	ObjectPath Properties.....	68
3.1.5.23.2	Methods.....	68
3.1.5.23.2.1	Scalar Methods.....	68
3.1.5.23.2.1.1	AddJudgment.....	68
3.1.5.23.2.1.2	GetJudgementsForQuery.....	69
3.1.5.23.2.1.3	NormalizeResultUrl.....	69
3.1.5.23.2.2	ObjectPath Methods.....	69
3.1.5.23.2.2.1	CSOM Constructor.....	69
3.1.5.24	Microsoft.SharePoint.Client.Search.Query.QuerySuggestionQuery.....	69
3.1.5.24.1	Properties.....	69
3.1.5.24.1.1	Scalar Properties.....	69
3.1.5.24.1.1.1	IsPersonal.....	69
3.1.5.24.1.1.2	Query.....	69
3.1.5.24.1.2	ObjectPath Properties.....	70
3.1.5.25	Microsoft.Office.Server.Search.REST.SpecialTermResults.....	70
3.1.5.25.1	Properties.....	70
3.1.5.25.1.1	Scalar Properties.....	70
3.1.5.25.1.1.1	Properties.....	70
3.1.5.25.1.1.2	Results.....	70
3.1.5.25.1.1.3	GroupTemplateId.....	70
3.1.5.25.1.1.4	ItemTemplateId.....	70
3.1.5.25.1.1.5	ResultTitle.....	70
3.1.5.25.1.1.6	ResultTitleUrl.....	71
3.1.5.25.1.2	ObjectPath Properties.....	71
3.1.5.26	Microsoft.SharePoint.Client.Search.Query.ReorderingRule.....	71
3.1.5.26.1	Properties.....	71
3.1.5.26.1.1	Scalar Properties.....	71
3.1.5.26.1.1.1	Boost.....	71
3.1.5.26.1.1.2	MatchType.....	71
3.1.5.26.1.1.3	MatchValue.....	71
3.1.5.26.1.2	ObjectPath Properties.....	71
3.1.5.27	Microsoft.SharePoint.Client.Search.Query.ReorderingRuleCollection.....	72

3.1.5.27.1	Properties.....	72
3.1.5.27.1.1	Scalar Properties.....	72
3.1.5.27.1.2	ObjectPath Properties.....	72
3.1.5.27.2	Methods.....	72
3.1.5.27.2.1	Scalar Methods.....	72
3.1.5.27.2.1.1	Add.....	72
3.1.5.27.2.1.2	Clear.....	72
3.1.5.27.2.2	ObjectPath Methods.....	72
3.1.5.28	Microsoft.SharePoint.Client.Search.Query.ReorderingRuleMatchType.....	72
3.1.5.28.1	Field Values.....	73
3.1.5.28.1.1	ResultContainsKeyword.....	73
3.1.5.28.1.2	TitleContainsKeyword.....	73
3.1.5.28.1.3	TitleMatchesKeyword.....	73
3.1.5.28.1.4	UrlStartsWith.....	73
3.1.5.28.1.5	UrlExactlyMatches.....	73
3.1.5.28.1.6	ContentTypeIs.....	73
3.1.5.28.1.7	FileExtensionMatches.....	73
3.1.5.28.1.8	ResultHasTag.....	73
3.1.5.28.1.9	ManualCondition.....	73
3.1.5.29	Microsoft.Office.Server.Search.REST.QueryProperty.....	74
3.1.5.29.1	Properties.....	74
3.1.5.29.1.1	Scalar Properties.....	74
3.1.5.29.1.1.1	Name.....	74
3.1.5.29.1.1.2	Value.....	74
3.1.5.29.1.2	ObjectPath Properties.....	74
3.1.5.30	Microsoft.Office.Server.Search.REST.Refiner.....	74
3.1.5.30.1	Properties.....	74
3.1.5.30.1.1	Scalar Properties.....	74
3.1.5.30.1.1.1	Entries.....	74
3.1.5.30.1.1.2	Name.....	75
3.1.5.30.1.2	ObjectPath Properties.....	75
3.1.5.31	Microsoft.Office.Server.Search.REST.RefinerEntry.....	75
3.1.5.31.1	Properties.....	75
3.1.5.31.1.1	Scalar Properties.....	75
3.1.5.31.1.1.1	RefinementCount.....	75
3.1.5.31.1.1.2	RefinementName.....	75
3.1.5.31.1.1.3	RefinementToken.....	75
3.1.5.31.1.1.4	RefinementValue.....	75
3.1.5.31.1.2	ObjectPath Properties.....	76
3.1.5.32	Microsoft.Office.Server.Search.WebControls.ControlMessage.....	76
3.1.5.32.1	Properties.....	76
3.1.5.32.1.1	Scalar Properties.....	76
3.1.5.32.1.1.1	code.....	76
3.1.5.32.1.1.2	correlationID.....	76
3.1.5.32.1.1.3	encodeDetails.....	76
3.1.5.32.1.1.4	header.....	76
3.1.5.32.1.1.5	level.....	76
3.1.5.32.1.1.6	messageDetails.....	76
3.1.5.32.1.1.7	messageDetailsForViewers.....	77
3.1.5.32.1.1.8	serverTypeId.....	77
3.1.5.32.1.1.9	showForViewerUsers.....	77
3.1.5.32.1.1.10	showInEditModeOnly.....	77
3.1.5.32.1.1.11	stackTrace.....	77
3.1.5.32.1.1.12	type.....	77
3.1.5.32.1.2	ObjectPath Properties.....	77
3.1.5.33	Microsoft.Office.Server.Search.WebControls.MessageLevel.....	78
3.1.5.33.1	Field Values.....	78
3.1.5.33.1.1	Information.....	78

3.1.5.33.1.2	Warning	78
3.1.5.33.1.3	Error	78
3.1.5.34	Microsoft.SharePoint.Client.Search.Administration.DocumentCrawlLog	78
3.1.5.34.1	Properties	78
3.1.5.34.1.1	Scalar Properties	78
3.1.5.34.1.2	ObjectPath Properties	78
3.1.5.34.2	Methods	78
3.1.5.34.2.1	Scalar Methods	78
3.1.5.34.2.1.1	GetCrawledUrls	78
3.1.5.34.2.2	ObjectPath Methods	79
3.1.5.34.2.2.1	CSOM Constructor	79
3.1.5.35	Microsoft.SharePoint.Client.Search.Administration.SearchObjectLevel	80
3.1.5.35.1	Field Values	80
3.1.5.35.1.1	SPWeb	80
3.1.5.35.1.2	SPSite	80
3.1.5.35.1.3	SPSiteSubscription	80
3.1.5.35.1.4	Ssa	80
3.1.5.36	Microsoft.SharePoint.Client.Search.Administration.SearchObjectOwner	80
3.1.5.36.1	Properties	80
3.1.5.36.1.1	Scalar Properties	80
3.1.5.36.1.2	ObjectPath Properties	81
3.1.5.36.2	Methods	81
3.1.5.36.2.1	Scalar Methods	81
3.1.5.36.2.2	ObjectPath Methods	81
3.1.5.36.2.2.1	CSOM Constructor	81
3.1.5.37	Microsoft.SharePoint.Client.Search.Portability.SearchConfigurationPortability	81
3.1.5.37.1	Properties	81
3.1.5.37.1.1	Scalar Properties	81
3.1.5.37.1.1.1	ImportWarnings	81
3.1.5.37.1.2	ObjectPath Properties	81
3.1.5.37.2	Methods	81
3.1.5.37.2.1	Scalar Methods	81
3.1.5.37.2.1.1	ExportSearchConfiguration	81
3.1.5.37.2.1.2	ImportSearchConfiguration	82
3.1.5.37.2.1.3	DeleteSearchConfiguration	82
3.1.5.37.2.2	ObjectPath Methods	82
3.1.5.37.2.2.1	CSOM Constructor	82
3.1.5.38	Microsoft.SharePoint.Client.Search.Query.PopularQuery	82
3.1.5.38.1	Properties	83
3.1.5.38.1.1	Scalar Properties	83
3.1.5.38.1.1.1	ClickCount	83
3.1.5.38.1.1.2	LCID	83
3.1.5.38.1.1.3	QueryCount	83
3.1.5.38.1.1.4	QueryText	83
3.1.5.38.1.2	ObjectPath Properties	83
3.1.5.39	Microsoft.SharePoint.Client.Search.Query.QueryAutoCompletion	83
3.1.5.39.1	Properties	83
3.1.5.39.1.1	Scalar Properties	83
3.1.5.39.1.1.1	Matches	83
3.1.5.39.1.1.2	Query	84
3.1.5.39.1.1.3	Score	84
3.1.5.39.1.1.4	Source	84
3.1.5.39.1.2	ObjectPath Properties	84
3.1.5.40	Microsoft.SharePoint.Client.Search.Query.QueryAutoCompletionMatch	84
3.1.5.40.1	Properties	84
3.1.5.40.1.1	Scalar Properties	84
3.1.5.40.1.1.1	Alternation	84
3.1.5.40.1.1.2	Key	84

3.1.5.40.1.1.3	Length	84
3.1.5.40.1.1.4	MatchType.....	85
3.1.5.40.1.1.5	Score	85
3.1.5.40.1.1.6	SourceName	85
3.1.5.40.1.1.7	Start.....	85
3.1.5.40.1.1.8	Value	85
3.1.5.40.1.2	ObjectPath Properties.....	85
3.1.5.41	Microsoft.SharePoint.Client.Search.Query.QueryAutoCompletionResults.....	85
3.1.5.41.1	Properties.....	85
3.1.5.41.1.1	Scalar Properties.....	86
3.1.5.41.1.1.1	CoreExecutionTimeMs	86
3.1.5.41.1.1.2	CorrelationId	86
3.1.5.41.1.1.3	Queries	86
3.1.5.41.1.2	ObjectPath Properties.....	86
3.1.5.42	Microsoft.SharePoint.Client.Search.Query.QuerySuggestionRange.....	86
3.1.5.42.1	Properties.....	86
3.1.5.42.1.1	Scalar Properties.....	86
3.1.5.42.1.1.1	Length	86
3.1.5.42.1.1.2	Start.....	86
3.1.5.42.1.2	ObjectPath Properties.....	86
3.1.5.43	Microsoft.SharePoint.Client.Search.ContentPush.CertificateService.....	87
3.1.5.43.1	Properties.....	87
3.1.5.43.1.1	Scalar Properties.....	87
3.1.5.43.1.2	ObjectPath Properties.....	87
3.1.5.43.2	Methods	87
3.1.5.43.2.1	Scalar Methods.....	87
3.1.5.43.2.1.1	CertificateSettings	87
3.1.5.43.2.1.2	ValidContentEncryptionCertificates	87
3.1.5.43.2.2	ObjectPath Methods	87
3.1.5.43.2.2.1	CSOM Constructor	87
3.1.5.44	Microsoft.SharePoint.Client.Search.ContentPush.PushTenantManager	88
3.1.5.44.1	Properties.....	88
3.1.5.44.1.1	Scalar Properties.....	88
3.1.5.44.1.2	ObjectPath Properties.....	88
3.1.5.44.2	Methods	88
3.1.5.44.2.1	Scalar Methods.....	88
3.1.5.44.2.1.1	PreparePushTenant.....	88
3.1.5.44.2.1.2	DeleteAllCloudHybridSearchContent.....	88
3.1.5.44.2.2	ObjectPath Methods	88
3.1.5.44.2.2.1	CSOM Constructor	88
3.1.5.44.2.2.2	GetPushServiceInfo	88
3.1.5.45	Microsoft.SharePoint.Client.Search.ContentPush.PushTenantServiceInfo	89
3.1.5.45.1	Properties.....	89
3.1.5.45.1.1	Scalar Properties.....	89
3.1.5.45.1.1.1	AuthenticationRealm	89
3.1.5.45.1.1.2	EndpointAddress	89
3.1.5.45.1.1.3	ServiceProperties	89
3.1.5.45.1.1.4	TenantId	89
3.1.5.45.1.1.5	ValidContentEncryptionCertificates	89
3.1.5.45.1.1.6	ValidUntil.....	90
3.1.5.45.1.2	ObjectPath Properties.....	90
3.1.5.45.2	Methods.....	90
3.1.5.45.2.1	Scalar Methods.....	90
3.1.5.45.2.2	ObjectPath Methods	90
3.1.6	Timer Events.....	90
3.1.7	Other Local Events.....	90

4 Protocol Examples 91

4.1	Search for the keyword "home"	91
5	Security	108
5.1	Security Considerations for Implementers	108
5.2	Index of Security Parameters	108
6	Appendix A: Product Behavior	109
7	Change Tracking.....	110
8	Index.....	112

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 1.5, 1.8, 1.9, 2, and 3 of this specification are normative. All other sections and examples in this specification are informative.

1.1 Glossary

This document uses the following terms:

content source: A set of options for specifying the type of content to be crawled and the start addresses for the content to be indexed. A content source is defined by the protocol handler that is used to access specific systems, such as SharePoint sites, file systems, and external websites. A content source can contain up to 500 start addresses.

context: A collection of context properties that describe an execution environment.

crawled property: A type of metadata that can be discovered during a crawl and applied to one or more items. It can be promoted to a managed property. See also **managed property**.

CSOM array: An ordered collection of values that can be used in an XML request or **JSON** response text. The values are identified by their position and their position is determined by a zero-based integer index.

CSOM binary: An array of 8-bit, unsigned integers that can be used in an XML request or as a string in **JSON** response text.

CSOM Boolean: A Boolean value that can be used in an XML request or **JSON** response text. A CSOM Boolean value is either "true" or "false".

CSOM DateTime: An Int64 value that represents the number of 100-nanosecond time intervals that have elapsed since 12:00:00, January 1, 0001. It can be used in an XML request or as a string in **JSON** response text. The value can represent time intervals through 23:59:59.9999999, December 31, 9999. It can also specify whether a local, UTC, or no time zone applies.

CSOM dictionary: An object that contains an unordered collection of key/value pairs that can be used in an XML request or **JSON** response text. Each key in a CSOM dictionary has a unique name.

CSOM Double: A 64-bit, double-precision, floating-point value, which is the DOUBLE type described in [\[MS-DTYP\]](#), that can be used in an XML request or as a number in **JSON** response text. The range of CSOM Double values is from "-1.79769313486232e308" to "1.79769313486232e308".

CSOM GUID: A **GUID**, as described in [\[MS-DTYP\]](#), that can be used in an XML request or as a string in **JSON** response text.

CSOM Int16: A 16-bit, signed integer value, which is the INT16 type described in [\[MS-DTYP\]](#), that can be used in an XML request or as a number in **JSON** response text. The range of CSOM Int16 values is from "-32768" to "32767".

CSOM Int32: A 32-bit, signed integer value, which is the INT32 type described in [\[MS-DTYP\]](#), that can be used in an XML request or as a number in **JSON** response text. The range of CSOM Int32 values is from "-2147483648" to "2147483647".

CSOM Int64: A 64-bit, signed integer value, which is the INT64 type described in [MS-DTYP], that can be used in an XML request or as a number in **JSON** response text. The range of CSOM Int64 values is from "-9223372036854775808" to "9223372036854775807".

CSOM String: A representation of text as a series of Unicode characters. It can be used in an XML request or **JSON** response text.

endpoint: A communication port that is exposed by an application server for a specific shared service and to which messages can be addressed.

globally unique identifier (GUID): A term used interchangeably with universally unique identifier (UUID) in Microsoft protocol technical documents (TDs). Interchanging the usage of these terms does not imply or require a specific algorithm or mechanism to generate the value. Specifically, the use of this term does not imply or require that the algorithms described in [\[RFC4122\]](#) or [\[C706\]](#) must be used for generating the **GUID**. See also universally unique identifier (UUID).

Hypertext Markup Language (HTML): An application of the Standard Generalized Markup Language (SGML) that uses tags to mark elements in a document, as described in [\[HTML\]](#).

Hypertext Transfer Protocol (HTTP): An application-level protocol for distributed, collaborative, hypermedia information systems (text, graphic images, sound, video, and other multimedia files) on the World Wide Web.

Hypertext Transfer Protocol Secure (HTTPS): An extension of HTTP that securely encrypts and decrypts web page requests. In some older protocols, "Hypertext Transfer Protocol over Secure Sockets Layer" is still used (Secure Sockets Layer has been deprecated). For more information, see [\[SSL3\]](#) and [\[RFC5246\]](#).

JavaScript Object Notation (JSON): A text-based, data interchange format that is used to transmit structured data, typically in Asynchronous JavaScript + XML (AJAX) web applications, as described in [\[RFC4627\]](#). The JSON format is based on the structure of ECMAScript (Jscript, JavaScript) objects.

language code identifier (LCID): A 32-bit number that identifies the user interface human language dialect or variation that is supported by an application or a client computer.

managed property: A specific property that is part of a metadata schema. It can be exposed for use in search queries that are executed from the user interface.

permission: A rule that is associated with an object and that regulates which users can gain access to the object and in what manner. See also rights.

post-query suggestions: An alternative search query that is related to the search query that was executed.

pre-query suggestions: A search query that is related to the search query that the user is typing.

query: A formalized instruction to a data source to either extract data or perform a specified action. A query can be in the form of a query expression, a method-based query, or a combination of the two. The data source can be in different forms, such as a relational database, XML document, or in-memory object. See also **search query**.

query result: A result that is returned for a query. It contains the title and URL of the item, and can also contain other managed properties and a hit-highlighted summary.

query rule: A setting that consists of a keyword condition and an action performed to provide the most relevant search results.

ranking model: In a search query, a set of weights and numerical parameters that are used to compute a ranking score for each item. All items share the same ranking model for a specific set of search results. See also rank.

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.

result source: A local or remote search catalog, a remote Exchange search endpoint or an OpenSearch1.0/1.1-compliant search engine that may include a list of attributes that defines a set of search results for a search query.

search query: A complete set of conditions that are used to generate search results, including query text, sort order, and ranking parameters.

search service application: A shared service application that provides indexing and querying capabilities.

site: A group of related pages and data within a SharePoint site collection. The structure and content of a site is based on a site definition. Also referred to as SharePoint site and web site.

Uniform Resource Identifier (URI): A string that identifies a resource. The URI is an addressing mechanism defined in Internet Engineering Task Force (IETF) Uniform Resource Identifier (URI): Generic Syntax [\[RFC3986\]](#).

Uniform Resource Locator (URL): A string of characters in a standardized format that identifies a document or resource on the World Wide Web. The format is as specified in [\[RFC1738\]](#).

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

1.2 References

Links to a document in the Microsoft Open Specifications library point to the correct section in the most recently published version of the referenced document. However, because individual documents in the library are not updated at the same time, the section numbers in the documents may not match. You can confirm the correct section numbering by checking the [Errata](#).

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.

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

[MS-CSOMSPT] Microsoft Corporation, "[SharePoint Client-Side Object Model Protocol](#)".

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

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

[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.rfc-editor.org/rfc/rfc2616.txt>

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

[RFC3066] Alvestrand, H., "Tags for the Identification of Languages", BCP 47, 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.rfc-editor.org/rfc/rfc4627.txt>

1.2.2 Informative References

None.

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 **JavaScript Object Notation (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.

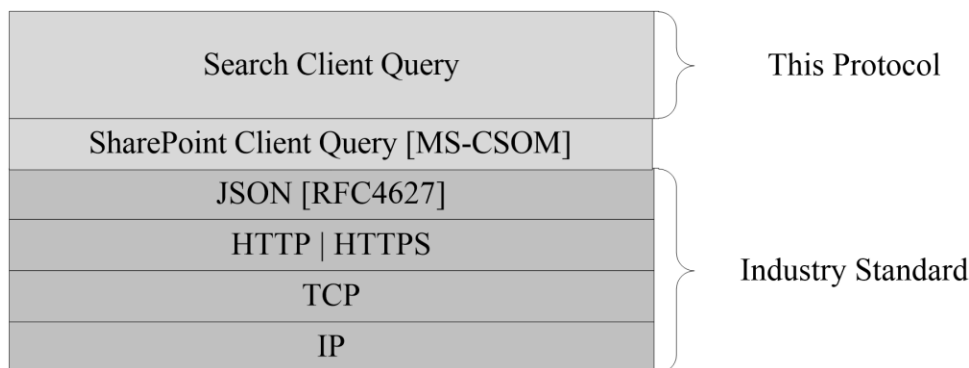


Figure 1: This protocol in relation to other protocols

1.5 Prerequisites/Preconditions

This protocol operates against a protocol server that exposes one or more **endpoint Uniform Resource Identifiers (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

2.2.1 Namespaces

None.

2.2.2 Common Exceptions

A 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 Server Details

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 TableType

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.1.1.1.2 Properties

Type: CSOM dictionary

Accessibility: Read/Write

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

3.1.5.1.1.1.3 GroupTemplateId

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.1.1.1.4 ItemTemplateId

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.1.1.1.5 ResultTitle

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.1.1.1.6 ResultTitleUrl

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.1.1.1.7 Table

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 result hits.

3.1.5.1.1.2 ObjectPath Properties

None.

3.1.5.2 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** (section [3.1.5.2.1.1.2](#)).

A **QueryResult** structure accessed by the **PrimaryQueryResult** property (section [3.1.5.6.1.1.2](#)) of a **SearchResult** structure (section [3.1.5.6](#)) MUST NOT be associated with a **query rule**, and MUST have the **QueryRuleId** (section [3.1.5.2.1.1.3](#)) populated with the value {00000000-0000-0000-0000-000000000000}.

Each **QueryResult** structure contained in the **SecondaryQueryResults** (section [3.1.5.6.1.1.3](#)) of the **SearchResult** (section 3.1.5.6) structure MUST be associated with an individual query rule, and MUST have the **QueryRuleId** (section 3.1.5.2.1.1.3) 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 RefinementResults, 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.

3.1.5.2.1 Properties

3.1.5.2.1.1 Scalar Properties

3.1.5.2.1.1.1 CustomResults

Type: **CSOM array** of Microsoft.Office.Server.Search.REST.CustomResult

Accessibility: Read/Write

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

3.1.5.2.1.1.2 QueryId

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.2.1.1.3 QueryRuleId

Type: CSOM GUID

Accessibility: Read/Write

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

3.1.5.2.1.1.4 RefinementResults

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

Accessibility: Read/Write

As specified in section [3.1.5.3](#).

3.1.5.2.1.1.5 RelevantResults

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

Accessibility: Read/Write

As specified in section [3.1.5.4](#).

3.1.5.2.1.1.6 SpecialTermResults

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

Accessibility: Read/Write

As specified in section [3.1.5.25](#).

3.1.5.2.1.2 ObjectPath Properties

None.

3.1.5.3 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.

3.1.5.3.1 Properties

3.1.5.3.1.1 Scalar Properties

3.1.5.3.1.1.1 Refiners

Type: CSOM array of Microsoft.Office.Server.Search.REST.Refiner

Accessibility: Read/Write

Contains the list of refiners, as specified in section [3.1.5.30](#), for the search results.

3.1.5.3.1.1.2 Properties

Type: CSOM dictionary

Accessibility: Read/Write

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

3.1.5.3.1.1.3 GroupTemplateId

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 ItemTemplateId

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.3.1.1.5 ResultTitle

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.3.1.1.6 ResultTitleUrl

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.3.1.2 ObjectPath Properties

None.

3.1.5.4 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.

3.1.5.4.1 Properties

3.1.5.4.1.1 Scalar Properties

3.1.5.4.1.1.1 RowCount

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.4.1.1.2 TotalRows

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.4.1.1.3 Properties

Type: CSOM dictionary

Accessibility: Read/Write

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

3.1.5.4.1.1.4 GroupTemplateId

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.4.1.1.5 ItemTemplateId

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.4.1.1.6 ResultTitle

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.4.1.1.7 ResultTitleUrl

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.4.1.1.8 Table

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 result hits.

3.1.5.4.1.1.9 TotalRowsIncludingDuplicates

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.4.1.2 ObjectPath Properties

None.

3.1.5.5 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 [3.1.5.7.2.1.2](#). The postquery operation together with the **SearchRequest** structure is similar to the query operation as specified in section [3.1.5.7.2.1.3](#), and is provided as a means to overcome **Uniform Resource Locator (URL)** length limitations that some clients experience with HTTP GET operations.

3.1.5.5.1 Properties

3.1.5.5.1.1 Scalar Properties

3.1.5.5.1.1.1 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 [\[RFC3066\]](#).

3.1.5.5.1.1.2 EnableInterleaving

Type: **CSOM Boolean**

Accessibility: Read/Write

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

3.1.5.5.1.1.3 EnableNicknames

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.5.1.1.4 EnablePhonetic

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.5.1.1.5 EnableStemming

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.5.1.1.6 HiddenConstraints

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.5.1.1.7 Querytext

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.5.1.1.8 RankingModelId

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.5.1.1.9 RefinementFilters

Type: CSOM array of CSOM String

Accessibility: Read/Write

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

3.1.5.5.1.1.10 Refiners

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.5.1.1.11 RowLimit

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.5.1.1.12 RowsPerPage

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.5.1.1.13 SelectProperties

Type: CSOM array of CSOM String

Accessibility: Read/Write

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

3.1.5.5.1.1.14 SourceId

Type: CSOM GUID

Accessibility: Read/Write

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

3.1.5.5.1.1.15 StartRow

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.5.1.1.16 Timeout

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.5.1.1.17 TrimDuplicates

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.5.1.1.18 EnableFQL

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.5.1.1.19 BypassResultTypes

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.5.1.1.20 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.

3.1.5.5.1.1.21 HitHighlightedProperties

Type: CSOM array of CSOM String

Accessibility: Read/Write

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

3.1.5.5.1.1.22 ProcessBestBets

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.5.1.1.23 QueryTag

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.5.1.1.24 ResultsUrl

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.5.1.1.25 TrimDuplicatesIncludeId

Type: **CSOM Int64**

Accessibility: Read/Write

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

3.1.5.5.1.1.26 BlockDedupeMode

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.5.1.1.27 CollapseSpecification

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.5.1.1.28 DesiredSnippetLength

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.5.1.1.29 EnableOrderingHitHighlightedProperty

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.5.1.1.30 EnableQueryRules

Type: CSOM Boolean

Accessibility: Read/Write

Specifies whether query rules are included when a search query is executed. If the value is true, query rules are applied to the search query. If the value is false, query rules MUST NOT be applied in the search query.

3.1.5.5.1.1.31 EnableSorting

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.5.1.1.32 GenerateBlockRankLog

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.5.1.1.33 HitHighlightedMultivaluePropertyLimit

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.5.1.1.34 ImpressionId

Type: CSOM String

Accessibility: Read/Write

MUST NOT be used.

3.1.5.5.1.1.35 MaxSnippetLength

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.5.1.1.36 PersonalizationData

Type: CSOM GUID

Accessibility: Read/Write

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

3.1.5.5.1.1.37 ProcessPersonalFavorites

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.5.1.1.38 Properties

Type: CSOM array of Microsoft.Office.Server.Search.REST.QueryProperty

Accessibility: Read/Write

Used to transport additional and custom search query data, in a name-value structure, from the caller to the server.

As specified in section [3.1.5.29](#).

3.1.5.5.1.1.39 QueryTemplate

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.5.1.1.40 ReorderingRules

Type: CSOM array of Microsoft.SharePoint.Client.Search.Query.ReorderingRule

Accessibility: Read/Write

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

3.1.5.5.1.1.41 SortList

Type: CSOM array of Microsoft.SharePoint.Client.Search.Query.Sort

Accessibility: Read/Write

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

3.1.5.5.1.1.42 SummaryLength

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.5.1.1.43 TotalRowsExactMinimum

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.5.1.1.44 UILanguage

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.5.1.1.45 QueryTemplatePropertiesUrl

Type: CSOM String

Accessibility: Read/Write

Specifies an identifier which the protocol server MAY use to modify the client-specified **Properties** property (section [3.1.5.9.1.2.3](#)).

3.1.5.5.1.1.46 TimeZoneId

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.5.1.2 ObjectPath Properties

None.

3.1.5.6 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 [3.1.5.2](#)). 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.

3.1.5.6.1 Properties

3.1.5.6.1.1 Scalar Properties

3.1.5.6.1.1.1 ElapsedTime

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.6.1.1.2 PrimaryQueryResult

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

Accessibility: Read/Write

As specified in section [3.1.5.2](#).

3.1.5.6.1.1.3 SecondaryQueryResults

Type: CSOM array of Microsoft.Office.Server.Search.REST.QueryResult

Accessibility: Read/Write

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

3.1.5.6.1.1.4 Properties

Type: CSOM dictionary

Accessibility: Read/Write

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

3.1.5.6.1.1.5 SpellingSuggestion

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.6.1.1.6 TriggeredRules

Type: CSOM array of CSOM GUID

Accessibility: Read/Write

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

3.1.5.6.1.2 ObjectPath Properties

None.

3.1.5.7 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.
- **autocompletions** supports HTTP GET and returns a list of auto completions for the query string.
- **recordPageClick**

3.1.5.7.1 Properties

3.1.5.7.1.1 Scalar Properties

None.

3.1.5.7.1.2 ObjectPath Properties

None.

3.1.5.7.2 Methods

3.1.5.7.2.1 Scalar Methods

3.1.5.7.2.1.1 autocompletions

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

The operation is used to retrieve auto completion results by using the HTTP protocol with the GET method.

Parameters:

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

Type: CSOM String

The parameter *querytext* is specified in *QueryProperties* [MS-QSSWS].

sources: As specified in [MS-QSSWS] section [3.1.4.25.2.1](#).

Type: CSOM String

numberOfCompletions: As specified in [MS-QSSWS] section [3.1.4.25.2.1](#).

Type: CSOM Int32

cursorPosition: As specified in [MS-QSSWS] section [3.1.4.25.2.1](#).

Type: CSOM Int32

3.1.5.7.2.1.2 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 [3.1.5.5](#).

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

3.1.5.7.2.1.3 query

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

The operation is used to retrieve search results by using the HTTP protocol with the GET method.

Parameters:

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

Type: CSOM String

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

Type: CSOM String

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

Type: CSOM Boolean

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

Type: CSOM GUID

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

Type: CSOM String

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

Type: CSOM Int32

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

Type: CSOM Int32

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

Type: CSOM Int32

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

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 2.2.4.11.

Type: CSOM Boolean

trimDuplicates: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Boolean

timeout: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Int32

enableNicknames: As specified [MS-QSSWS] section 2.2.4.11.

Type: CSOM Boolean

enablePhonetic: As specified in [MS-QSSWS] section 2.2.4.11.

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 2.2.4.11.

Type: CSOM String

bypassResultTypes: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Boolean

processBestBets: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Boolean

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

Type: CSOM String

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

Type: CSOM GUID

resultsUrl: As specified in [MS-QSSWS] section 3.1.4.11.3.1.

Type: CSOM String

queryTag: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM String

trimDuplicatesIncludeId: As specified in [MS-QSSWS] section 3.1.4.7.3.1.

Type: CSOM Int64

totalRowsExactMinimum: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Int32

impressionId: MUST NOT be used.

Type: CSOM String

properties: Allows transport of additional and custom properties structured as comma separated name-value pairs.

Type: CSOM String

See section [3.1.5.29](#)

enableQueryRules: Specifies whether query rules are included when a search query is executed. If the value is true, query rules are applied in the search query. If the value is false, query rules MUST NOT be applied in the search query.

Type: CSOM Boolean

summaryLength: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Int32

maxSnippetLength: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Int32

desiredSnippetLength: As specified in [MS-QSSWS] section 2.2.4.11 .

Type: CSOM Int32

uiLanguage: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Int32

blockDedupeMode: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Int32

generateBlockRankLog: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Boolean

enableSorting: As specified in [MS-QSSWS] section 3.1.4.7.3.1.

Type: CSOM Boolean

collapseSpecification: As specified in [MS-QSSWS] section 3.1.4.7.3.1.

Type: CSOM String

processPersonalFavorites: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Boolean

enableOrderingHitHighlightedProperty: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Boolean

hitHighlightedMultivaluePropertyLimit: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Int32

queryTemplatePropertiesUrl: Specifies an identifier which the protocol server MAY use to modify the client-specified **Properties** property (section [3.1.5.9.1.2.3](#)).

Type: CSOM String

timeZoneId: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Int32

3.1.5.7.2.1.4 RecordPageClick

Return Type: None

The operation is used to record page clicks by using the HTTP protocol with the GET method.

Parameters:

pageInfo: Specifies the information about the clicked page, the page impression. This parameter MUST not be empty.

Type: CSOM String

clickType: As specified in [\[MS-QSSWS\] section 3.1.4.16.3.1](#). This parameter MUST not be empty.

Type: CSOM String

blockType: As specified in [MS-QSSWS] section [3.1.4.16.3.1](#).

Type: CSOM Int32

clickedResultId: Specifies the information about the clicked result. This parameter MUST not be empty.

Type: CSOM String

subResultIndex: Specifies the information about result index. Use 0 for ordinary results, and a value > 0 for deep links.

Type: CSOM Int32

immediacySourceId: As specified in [MS-QSSWS] section [3.1.4.16.3.2](#).

Type: CSOM String

The parameter *immediacySourceID* maps to the parameter *SourceID* in [MS-QSSWS]. This parameter MAY be empty. If this parameter is empty or faulty, the local SharePoint source GUID is used as the *immediateSourceId*.

immediacyQueryString: As specified in [MS-QSSWS] section [3.1.4.16.3.2](#).

Type: CSOM String

The parameter *immediacyQueryString* maps to the parameter *QueryString* in [MS-QSSWS].

immediacyTitle: As specified in [MS-QSSWS] section [3.1.4.16.3.2](#).

Type: CSOM String

The parameter *immediacyTitle* maps to the parameter *Title* in [MS-QSSWS].

immediacyUrl: As specified in [MS-QSSWS] section [3.1.4.16.3.2](#).

Type: CSOM String

The parameter *immediacyUrl* maps to the parameter *Url* in [MS-QSSWS].

3.1.5.7.2.1.5 resultspageaddress

Return Type: CSOM String

The operation is used to get the URI address of the result page by using the HTTP protocol with the GET method. The operation returns the URI of the result page.

Parameters: None

3.1.5.7.2.1.6 searchcenterurl

Return Type: CSOM String

The operation is used to get the URI address of the search center by using the HTTP protocol with the GET method. The operation returns the URI of the of the search center.

Parameters: None

3.1.5.7.2.1.7 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 2.2.4.11.

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

Type: CSOM Int32

enableStemming: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Boolean

showPeopleNameSuggestions: As specified in [MS-QSSWS] section 3.1.4.7.3.1.

Type: CSOM Boolean

enableQueryRules: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Boolean

fPrefixMatchAllTerms: As specified in [MS-QSSWS] section 2.2.4.11.

Type: CSOM Boolean

3.1.5.7.2.2 ObjectPath Methods

3.1.5.7.2.2.1 CSOM Constructor

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

Parameters: None

3.1.5.8 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.

3.1.5.8.1 Properties

3.1.5.8.1.1 Scalar Properties

3.1.5.8.1.1.1 Description

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.8.1.1.2 IsVisualBestBet

Type: CSOM Boolean

Accessibility: Read/Write

A value indicating whether the best bet should be rendered as an image.

3.1.5.8.1.1.3 Title

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.8.1.1.4 Url

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.8.1.1.5 PiSearchResultId

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.8.1.1.6 RenderTemplateId

Type: CSOM String

Accessibility: Read/Write

An identifier indicating a suggested rendering template for the **SpecialTermResult** entity.

3.1.5.8.1.2 ObjectPath Properties

None.

3.1.5.9 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.

3.1.5.9.1 Properties

3.1.5.9.1.1 Scalar Properties

3.1.5.9.1.1.1 BypassResultTypes

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.9.1.1.2 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 [\[RFC3066\]](#).

3.1.5.9.1.1.3 EnableInterleaving

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.9.1.1.4 EnableNicknames

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.9.1.1.5 EnablePhonetic

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.9.1.1.6 EnableStemming

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.9.1.1.7 HiddenConstraints

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.9.1.1.8 QueryTag

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.9.1.1.9 QueryText

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.9.1.1.10 RankingModelId

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.9.1.1.11 Refiners

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.9.1.1.12 ResultsUrl

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.9.1.1.13 RowLimit

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.9.1.1.14 RowsPerPage

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.9.1.1.15 ShowPeopleNameSuggestions

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.9.1.1.16 SourceId

Type: CSOM GUID

Accessibility: Read/Write

Unique identifier of the result source.

3.1.5.9.1.1.17 StartRow

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.9.1.1.18 Timeout

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.9.1.1.19 TrimDuplicates

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.9.1.1.20 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.

3.1.5.9.1.1.21 TrimDuplicatesIncludeId

Type: CSOM Int64

Accessibility: Read/Write

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

3.1.5.9.1.1.22 ProcessBestBets

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.9.1.1.23 TotalRowsExactMinimum

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.9.1.1.24 EnableQueryRules

Type: CSOM Boolean

Accessibility: Read/Write

Specifies whether query rules are included when a search query is executed. If the value is true, query rules MAY be included in the search query. If the value is false, query rules MUST not be included in the search query.

3.1.5.9.1.1.25 ImpressionID

Type: CSOM String

Accessibility: Read/Write

MUST NOT be used.

3.1.5.9.1.1.26 BlockDedupeMode

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.9.1.1.27 CollapseSpecification

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.9.1.1.28 DesiredSnippetLength

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.9.1.1.29 EnableOrderingHitHighlightedProperty

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.9.1.1.30 EnableSorting

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.9.1.1.31 GenerateBlockRankLog

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.9.1.1.32 HitHighlightedMultivaluePropertyLimit

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.9.1.1.33 MaxSnippetLength

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.9.1.1.34 ProcessPersonalFavorites

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.9.1.1.35 QueryTemplate

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.9.1.1.36 QueryTemplateParameters

Type: CSOM dictionary

Accessibility: Read Only

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

3.1.5.9.1.1.37 SummaryLength

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.9.1.1.38 UILanguage

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.9.1.1.39 IgnoreSafeQueryPropertiesTemplateUrl

Type: CSOM Boolean

Accessibility: Read/Write

Specifies whether the **SafeQueryPropertiesTemplateUrl** (section [3.1.5.9.1.1.40](#)) property MAY be ignored by the protocol server.

3.1.5.9.1.1.40 SafeQueryPropertiesTemplateUrl

Type: CSOM String

Accessibility: Read/Write

Specifies an identifier which the protocol server MAY use to modify the client-specified **Properties** property (section [3.1.5.9.1.2.3](#)).

3.1.5.9.1.1.41 TimeZoneId

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.9.1.2 ObjectPath Properties

3.1.5.9.1.2.1 HitHighlightedProperties

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

Accessibility: Read Only

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

3.1.5.9.1.2.2 PersonalizationData

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

Accessibility: Read/Write

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

3.1.5.9.1.2.3 Properties

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

Accessibility: Read Only

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

3.1.5.9.1.2.4 RefinementFilters

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

Accessibility: Read/Write

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

3.1.5.9.1.2.5 SelectProperties

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

Accessibility: Read Only

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

3.1.5.9.1.2.6 SortList

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

Accessibility: Read Only

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

3.1.5.9.1.2.7 ReorderingRules

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

Accessibility: Read/Write

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

3.1.5.9.2 Methods

3.1.5.9.2.1 Scalar Methods

3.1.5.9.2.1.1 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

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

Type: CSOM Boolean

3.1.5.9.2.1.2 GetQueryCompletions

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

As specified in [\[MS-QSSWS\]](#) section [3.1.4.25](#).

Parameters:

numberOfCompletions: As specified in [MS-QSSWS] section [3.1.4.25.2.1](#).

Type: CSOM Int32

selectedSources: As specified in [MS-QSSWS] section [3.1.4.25.2.1](#). This parameter *selectedSources* is named *Sources* in [MS-QSSWS].

Type: CSOM String

cursorPosition: As specified in [MS-QSSWS] section [3.1.4.25.2.1](#).

Type: CSOM Int32

3.1.5.9.2.2 ObjectPath Methods

3.1.5.9.2.2.1 CSOM Constructor

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

Parameters: None

3.1.5.10 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

3.1.5.10.1 Properties

3.1.5.10.1.1 Scalar Properties

None.

3.1.5.10.1.2 ObjectPath Properties

None.

3.1.5.10.2 Methods

3.1.5.10.2.1 Scalar Methods

3.1.5.10.2.1.1 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

3.1.5.10.2.1.2 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

3.1.5.10.2.2 ObjectPath Methods

None.

3.1.5.11 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.

3.1.5.11.1 Properties

3.1.5.11.1.1 Scalar Properties

3.1.5.11.1.1.1 IsBestBet

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.11.1.1.2 Title

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.11.1.1.3 Url

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.11.1.1.4 HighlightedTitle

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.11.1.2 ObjectPath Properties

None.

3.1.5.12 Microsoft.SharePoint.Client.Search.Query.Query

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

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

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

3.1.5.12.1 Properties

3.1.5.12.1.1 Scalar Properties

3.1.5.12.1.1.1 BypassResultTypes

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.12.1.1.2 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 [\[RFC3066\]](#).

3.1.5.12.1.1.3 EnableInterleaving

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.12.1.1.4 EnableNicknames

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.12.1.1.5 EnablePhonetic

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.12.1.1.6 EnableStemming

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.12.1.1.7 QueryTag

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.12.1.1.8 QueryText

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.12.1.1.9 RankingModelId

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.12.1.1.10 ResultsUrl

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.12.1.1.11 RowLimit

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.12.1.1.12 RowsPerPage

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.12.1.1.13 ShowPeopleNameSuggestions

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.12.1.1.14 SourceId

Type: CSOM GUID

Accessibility: Read/Write

Unique identifier of the **result source**.

3.1.5.12.1.1.15 StartRow

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.12.1.1.16 Timeout

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.12.1.1.17 TrimDuplicates

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.12.1.1.18 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.

3.1.5.12.1.1.19 ProcessBestBets

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.12.1.1.20 TotalRowsExactMinimum

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.12.1.1.21 EnableQueryRules

Type: CSOM Boolean

Accessibility: Read/Write

Specifies whether query rules are included when a search query is executed. If the value is true, query rules MAY be included in the search query. If the value is false, query rules MUST not be included in the search query.

3.1.5.12.1.1.22 ImpressionID

Type: CSOM String

Accessibility: Read/Write

MUST NOT be used.

3.1.5.12.1.1.23 BlockDedupeMode

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.12.1.1.24 DesiredSnippetLength

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.12.1.1.25 EnableOrderingHitHighlightedProperty

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.12.1.1.26 GenerateBlockRankLog

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.12.1.1.27 HitHighlightedMultivaluePropertyLimit

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.12.1.1.28 MaxSnippetLength

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.12.1.1.29 ProcessPersonalFavorites

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.12.1.1.30 QueryTemplate

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.12.1.1.31 QueryTemplateParameters

Type: CSOM dictionary

Accessibility: Read Only

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

3.1.5.12.1.1.32 SummaryLength

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.12.1.1.33 UILanguage

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.12.1.1.34 IgnoreSafeQueryPropertiesTemplateUrl

Type: CSOM Boolean

Accessibility: Read/Write

The value of this property MUST be ignored by the protocol server.

3.1.5.12.1.1.35 SafeQueryPropertiesTemplateUrl

Type: CSOM String

Accessibility: Read/Write

The value of this property MUST be ignored by the protocol server.

3.1.5.12.1.2 ObjectPath Properties

3.1.5.12.1.2.1 HitHighlightedProperties

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

Accessibility: Read Only

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

3.1.5.12.1.2.2 PersonalizationData

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

Accessibility: Read/Write

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

3.1.5.12.2 Methods

3.1.5.12.2.1 Scalar Methods

3.1.5.12.2.1.1 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

fPrefixMatchAllTerms: As specified in [MS-QSSWS] section 3.1.4.18.2.1.

Type: CSOM Boolean

3.1.5.12.2.1.2 GetQueryCompletions

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

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25](#)

Parameters:

numberOfCompletions: As specified in [MS-QSSWS] section [3.1.4.25.2.1](#).

Type: CSOM Int32

selectedSources: As specified in [MS-QSSWS] section [3.1.4.25.2.1](#). This parameter *selectedSources* is named *Sources* in [MS-QSSWS].

Type: CSOM String

cursorPosition: As specified in [MS-QSSWS] section [3.1.4.25.2.1](#).

Type: CSOM Int32

3.1.5.12.2.2 ObjectPath Methods

None.

3.1.5.13 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 2.2.4.10.

3.1.5.13.1 Properties

3.1.5.13.1.1 Scalar Properties

None.

3.1.5.13.1.2 ObjectPath Properties

None.

3.1.5.13.2 Methods

3.1.5.13.2.1 Scalar Methods

None.

3.1.5.13.2.2 ObjectPath Methods

3.1.5.13.2.2.1 CSOM Constructor

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

Parameters:

guidUserIdString: As specified by **UserId** in [\[MS-QSSWS\]](#) section 2.2.4.10.

Type: CSOM String

3.1.5.14 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.

3.1.5.14.1 Properties

3.1.5.14.1.1 Scalar Properties

3.1.5.14.1.1.1 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.

3.1.5.14.1.1.2 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.

3.1.5.14.1.1.3 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.

3.1.5.14.1.1.4 StrArray

Type: CSOM array of CSOM String

Accessibility: Read/Write

Specifies any arbitrary value of type CSOM array. This property MUST have a value only if **QueryPropertyValueIndex** is set to 4.

3.1.5.14.1.1.5 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.

3.1.5.14.1.2 ObjectPath Properties

None.

3.1.5.15 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.

3.1.5.15.1 Properties

3.1.5.15.1.1 Scalar Properties

3.1.5.15.1.1.1 PeopleNames

Type: CSOM array of CSOM String

Accessibility: Read/Write

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

3.1.5.15.1.1.2 PersonalResults

Type: CSOM array of Microsoft.SharePoint.Client.Search.Query.PersonalResultSuggestion

Accessibility: Read/Write

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

3.1.5.15.1.1.3 Queries

Type: CSOM array of Microsoft.SharePoint.Client.Search.Query.QuerySuggestionQuery

Accessibility: Read/Write

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

3.1.5.15.1.2 ObjectPath Properties

None.

3.1.5.16 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.

3.1.5.16.1 Properties

3.1.5.16.1.1 Scalar Properties

3.1.5.16.1.1.1 Properties

Type: CSOM dictionary

Accessibility: Read Only

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

3.1.5.16.1.1.2 QueryId

Type: CSOM String

Accessibility: Read Only

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

3.1.5.16.1.1.3 ResultRows

Type: CSOM array of CSOM dictionary

Accessibility: Read Only

Contains the list of query results.

3.1.5.16.1.1.4 RowCount

Type: CSOM Int32

Accessibility: Read Only

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

3.1.5.16.1.1.5 TableType

Type: CSOM String

Accessibility: Read Only

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

3.1.5.16.1.1.6 TotalRows

Type: CSOM Int32

Accessibility: Read Only

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

3.1.5.16.1.1.7 GroupTemplateId

Type: CSOM String

Accessibility: Read Only

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

3.1.5.16.1.1.8 ItemTemplateId

Type: CSOM String

Accessibility: Read Only

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

3.1.5.16.1.1.9 QueryRuleId

Type: CSOM String

Accessibility: Read Only

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

3.1.5.16.1.1.10 ResultTitle

Type: CSOM String

Accessibility: Read Only

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

3.1.5.16.1.1.11 ResultTitleUrl

Type: CSOM String

Accessibility: Read Only

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

3.1.5.16.1.1.12 TotalRowsIncludingDuplicates

Type: CSOM Int32

Accessibility: Read Only

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

3.1.5.16.1.2 ObjectPath Properties

None.

3.1.5.17 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.

3.1.5.17.1 Properties

3.1.5.17.1.1 Scalar Properties

3.1.5.17.1.1.1 ElapsedTime

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.17.1.1.2 Properties

Type: CSOM dictionary

Accessibility: Read Only

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

3.1.5.17.1.1.3 QueryId

Type: CSOM String

Accessibility: Read Only

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

3.1.5.17.1.1.4 SpellingSuggestion

Type: CSOM String

Accessibility: Read Only

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

3.1.5.17.1.1.5 TriggeredRules

Type: CSOM array of CSOM GUID

Accessibility: Read Only

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

3.1.5.17.1.1.6 QueryErrors

Type: CSOM dictionary

Accessibility: Read Only

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

3.1.5.17.1.2 ObjectPath Properties

None.

3.1.5.18 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.

3.1.5.18.1 Properties

3.1.5.18.1.1 Scalar Properties

None.

3.1.5.18.1.2 ObjectPath Properties

None.

3.1.5.18.2 Methods

3.1.5.18.2.1 Scalar Methods

3.1.5.18.2.1.1 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 correspond to that *queryId*.

Parameters:

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

Type: CSOM array of CSOM String

queries: Specifies a list of query objects specified in section [3.1.5.12](#).

Type: CSOM array of Microsoft.SharePoint.Client.Search.Query.Query

handleExceptions: Specifies how the protocol server SHOULD handle errors encountered while executing the list of search queries. If the value is "true", then the protocol server MUST execute all the search queries. For each search query that encounters an error, the protocol server MUST set the **QueryErrors** property specified in section [3.1.5.17.1.1.6](#) of the corresponding query result in the returned dictionary. If the value is "false", and any search query encounters an error, the protocol server MUST throw an exception that represents the error for any one of the search queries.

Type: CSOM Boolean

3.1.5.18.2.1.2 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 [3.1.5.12](#).

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

3.1.5.18.2.1.3 RecordPageClick

Return Type: None

Specified in [\[MS-QSSWS\]](#) section 3.1.4.16.

Parameters:

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 the client MUST NOT call this method. See **piPageImpression** in [\[MS-QSSWS\]](#) section 3.1.4.1.3.1.

Type: CSOM String

Microsoft.SharePoint.Client.Web is specified in [\[MS-CSOMSPT\]](#) section 3.2.5.143.

clickType: As specified in [\[MS-QSSWS\]](#) section 3.1.4.16.4.1

Type: CSOM String

blockType: MUST be set to the value of the **piPageImpressionBlockType** property of the **ResultTable**. If the **piPageImpressionBlockType** property does not exist or is an empty string then the client MUST NOT call this method. See **piPageImpressionBlockType** in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

Type: CSOM Int32

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 the client MUST NOT call this method. See **piSearchResultId** in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6.

Type: CSOM String

subResultIndex: The index of the document associated with a search result. MUST be 0 if the search result is clicked or MUST be a 1-based index of a document returned in the **deeplinks** column of a corresponding **ResultTable**. Documents in the **deeplinks** column are represented as encoded URLs separated by spaces.

Type: CSOM Int32

immediacySourceId: See **SourceId** in section [3.1.5.12.1.1.14](#).

Type: CSOM String

immediacyQueryString: See **QueryText** in section [3.1.5.12.1.1.8](#).

Type: CSOM String

immediacyTitle: See **ResultTitle** in section [3.1.5.16.1.1.10](#).

Type: CSOM String

immediacyUrl: See **ResultTitleUrl** in section [3.1.5.16.1.1.11](#).

Type: CSOM String

3.1.5.18.2.1.4 ExportPopularQueries

Return Type: CSOM array of Microsoft.SharePoint.Client.Search.Query.PopularQuery

This method is used to get a list of popular search queries executed on the specified **site**.

Parameters:

web: The site that is used by the protocol server to identify the **context** of the popular query export.

Type: Microsoft.SharePoint.Client.Web

sourceId: Specifies the unique identifier of the result source to use for exporting popular queries.

Type: CSOM GUID

3.1.5.18.2.2 ObjectPath Methods

3.1.5.18.2.2.1 CSOM Constructor

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

Parameters: None

3.1.5.19 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.

3.1.5.19.1 Properties

3.1.5.19.1.1 Scalar Properties

3.1.5.19.1.1.1 Direction

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

Accessibility: Read/Write

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

3.1.5.19.1.1.2 Property

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.19.1.2 ObjectPath Properties

None.

3.1.5.20 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.

3.1.5.20.1 Properties

3.1.5.20.1.1 Scalar Properties

None.

3.1.5.20.1.2 ObjectPath Properties

None.

3.1.5.20.2 Methods

3.1.5.20.2.1 Scalar Methods

3.1.5.20.2.1.1 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

3.1.5.20.2.1.2 Clear

Return Type: None

Deletes all the elements in the collection.

Parameters: None

3.1.5.20.2.2 ObjectPath Methods

None.

3.1.5.21 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.

3.1.5.21.1 Field Values

3.1.5.21.1.1 Ascending

Value: 0

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

3.1.5.21.1.2 Descending

Value: 1

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

3.1.5.21.1.3 FQLFormula

Value: 2

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

3.1.5.22 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.

3.1.5.22.1 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 Add

Return Type: None

Adds an arbitrary string value to the collections.

Parameters:

property: A single string value

Type: CSOM String

3.1.5.22.2.1.2 Clear

Return Type: None

Deletes all the string values in the collection.

Parameters: None

3.1.5.22.2.2 ObjectPath Methods

3.1.5.22.2.2.1 CSOM Constructor

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

Parameters: None

3.1.5.23 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**.

3.1.5.23.1 Properties

3.1.5.23.1.1 Scalar Properties

None.

3.1.5.23.1.2 ObjectPath Properties

None.

3.1.5.23.2 Methods

3.1.5.23.2.1 Scalar Methods

3.1.5.23.2.1.1 AddJudgment

Return Type: None

Adds a single relevance judgment for the specified **query** and URL pair.

Parameters:

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: The judgment for this query-URL pair as represented by an **Int16**. This value MUST be between 1 and 5 inclusive.

Type: **CSOM Int16**

3.1.5.23.2.1.2 **GetJudgementsForQuery**

Return Type: CSOM dictionary

Retrieves all known relevance judgments for the specified query. 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:

query: Query string for which relevance judgments are to be retrieved.

Type: CSOM String

3.1.5.23.2.1.3 **NormalizeResultUrl**

Return Type: CSOM String

A URL string after normalization. The input and output URL strings MUST resolve to the same document.

Parameters:

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

Type: CSOM String

3.1.5.23.2.2 **ObjectPath Methods**

3.1.5.23.2.2.1 **CSOM Constructor**

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

Parameters: None

3.1.5.24 **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.

3.1.5.24.1 **Properties**

3.1.5.24.1.1 **Scalar Properties**

3.1.5.24.1.1.1 **IsPersonal**

Type: CSOM Boolean

Accessibility: Read/Write

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

3.1.5.24.1.1.2 **Query**

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.24.1.2 ObjectPath Properties

None.

3.1.5.25 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.

3.1.5.25.1 Properties

3.1.5.25.1.1 Scalar Properties

3.1.5.25.1.1.1 Properties

Type: CSOM dictionary

Accessibility: Read/Write

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

3.1.5.25.1.1.2 Results

Type: CSOM array of Microsoft.Office.Server.Search.REST.SpecialTermResult

Accessibility: Read/Write

As specified in section [3.1.5.8](#).

Contains the list of **SpecialTermResult** entries.

3.1.5.25.1.1.3 GroupTemplateId

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.25.1.1.4 ItemTemplateId

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.25.1.1.5 ResultTitle

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.25.1.1.6 ResultTitleUrl

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.25.1.2 ObjectPath Properties

None.

3.1.5.26 Microsoft.SharePoint.Client.Search.Query.ReorderingRule

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

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

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

3.1.5.26.1 Properties

3.1.5.26.1.1 Scalar Properties

3.1.5.26.1.1.1 Boost

Type: CSOM Int32

Accessibility: Read/Write

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

3.1.5.26.1.1.2 MatchType

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

Accessibility: Read/Write

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

3.1.5.26.1.1.3 MatchValue

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.26.1.2 ObjectPath Properties

None.

3.1.5.27 **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.

3.1.5.27.1 **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 **Add**

Return Type: None

Adds a new element of type **Microsoft.SharePoint.Client.Search.Query.ReorderingRule** as specified in section [3.1.5.26](#) to the collection and returns a reference to the added Microsoft.SharePoint.Client.Search.Query.ReorderingRule element.

Parameters:

matchType: See section [3.1.5.28](#).

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

3.1.5.27.2.1.2 **Clear**

Return Type: None

Deletes all the elements from the collection.

Parameters: None

3.1.5.27.2.2 **ObjectPath Methods**

None.

3.1.5.28 **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.

3.1.5.28.1 Field Values

3.1.5.28.1.1 ResultContainsKeyword

Value: 0

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

3.1.5.28.1.2 TitleContainsKeyword

Value: 1

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

3.1.5.28.1.3 TitleMatchesKeyword

Value: 2

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

3.1.5.28.1.4 UrlStartsWith

Value: 3

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

3.1.5.28.1.5 UriExactlyMatches

Value: 4

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

3.1.5.28.1.6 ContentTypeIs

Value: 5

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

3.1.5.28.1.7 FileExtensionMatches

Value: 6

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

3.1.5.28.1.8 ResultHasTag

Value: 7

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

3.1.5.28.1.9 ManualCondition

Value: 8

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

3.1.5.29 Microsoft.Office.Server.Search.REST.QueryProperty

TypeId: {742338CA-8301-4574-9D77-BFF2AF39AD62}

ShortName: Microsoft.Office.Server.Search.REST.QueryProperty

This object stores additional or custom properties for a search query. A **QueryProperty** is structured as name-value pairs.

The value MUST conform to the specification in [\[MS-QSSWS\]](#) section 3.1.4.7.3.1.

3.1.5.29.1 Properties

3.1.5.29.1.1 Scalar Properties

3.1.5.29.1.1.1 Name

Type: CSOM String

Accessibility: Read/Write

Name of a property in **CSOM String** format.

This property stores the name part of the **QueryProperty** name-value pair.

3.1.5.29.1.1.2 Value

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

Accessibility: Read/Write

As specified in section [3.1.5.14](#).

This property stores the value part of the **QueryProperty** name-value pair.

3.1.5.29.1.2 ObjectPath Properties

None.

3.1.5.30 Microsoft.Office.Server.Search.REST.Refiner

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

ShortName: Microsoft.Office.Server.Search.REST.Refiner

Refiner is an **ArrayOfRefinement** as specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.9.

A refiner contains a CSOM array, with entries, of the types as specified in section [3.1.5.2](#). All entries in the array MUST share the same **RefinerName**, as specified in [\[MS-QSSWS\]](#) section 3.1.4.1.3.6), accessed through the **Name** property of the refiner containing these entries.

3.1.5.30.1 Properties

3.1.5.30.1.1 Scalar Properties

3.1.5.30.1.1.1 Entries

Type: CSOM array of Microsoft.Office.Server.Search.REST.RefinerEntry

Accessibility: Read/Write

An array of **RefinerEntry** as specified in section [3.1.5.2](#).

3.1.5.30.1.1.2 Name

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.30.1.2 ObjectPath Properties

None.

3.1.5.31 Microsoft.Office.Server.Search.REST.RefinerEntry

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

ShortName: Microsoft.Office.Server.Search.REST.RefinerEntry

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

3.1.5.31.1 Properties

3.1.5.31.1.1 Scalar Properties

3.1.5.31.1.1.1 RefinementCount

Type: CSOM Int64

Accessibility: Read/Write

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

3.1.5.31.1.1.2 RefinementName

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.31.1.1.3 RefinementToken

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.31.1.1.4 RefinementValue

Type: CSOM String

Accessibility: Read/Write

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

3.1.5.31.1.2 ObjectPath Properties

None.

3.1.5.32 Microsoft.Office.Server.Search.WebControls.ControlMessage

TypeId: {D3DFEF63-4D44-497D-B936-047135645AD7}

ShortName: Microsoft.Office.Server.Search.WebControls.ControlMessage

This object stores information about a search query exception.

3.1.5.32.1 Properties

3.1.5.32.1.1 Scalar Properties

3.1.5.32.1.1.1 code

Type: CSOM Int32

Accessibility: Read Only

This property is not used and MUST be -1.

3.1.5.32.1.1.2 correlationID

Type: CSOM String

Accessibility: Read Only

The **GUID** used to log all the information for a search query in diagnostic logs.

3.1.5.32.1.1.3 encodeDetails

Type: CSOM Boolean

Accessibility: Read Only

If TRUE, the protocol client MUST interpret the **messageDetails** as **HTML**.

3.1.5.32.1.1.4 header

Type: CSOM String

Accessibility: Read Only

This property is not used and MUST be null.

3.1.5.32.1.1.5 level

Type: Microsoft.Office.Server.Search.WebControls.MessageLevel

Accessibility: Read Only

MUST be **MessageLevel.Error** as specified in section [3.1.5.33.1.3](#).

3.1.5.32.1.1.6 messageDetails

Type: CSOM String

Accessibility: Read Only

The detailed message of the search query exception.

3.1.5.32.1.1.7 messageDetailsForViewers

Type: CSOM String

Accessibility: Read Only

This property is not used and MUST be an empty string.

3.1.5.32.1.1.8 serverTypeId

Type: CSOM String

Accessibility: Read Only

A unique identifier of the **ControlMessage** (section [3.1.5.32](#)) object. MUST have the value of "{D3DFEF63-4D44-497D-B936-047135645AD7}"

3.1.5.32.1.1.9 showForViewerUsers

Type: CSOM Boolean

Accessibility: Read Only

This property is not used and MUST be true.

3.1.5.32.1.1.10 showInEditModeOnly

Type: CSOM Boolean

Accessibility: Read Only

This property is not used and MUST be false.

3.1.5.32.1.1.11 stackTrace

Type: CSOM String

Accessibility: Read Only

The stack trace of the search query exception.

3.1.5.32.1.1.12 type

Type: CSOM String

Accessibility: Read Only

The class name of the search query exception.

3.1.5.32.1.2 ObjectPath Properties

None.

3.1.5.33 Microsoft.Office.Server.Search.WebControls.MessageLevel

ShortName: Microsoft.Office.Server.Search.WebControls.MessageLevel

Flag: false

Severity level of the **ControlMessage** as specified in section [3.1.5.32](#).

3.1.5.33.1 Field Values

3.1.5.33.1.1 Information

Value: 0

Indicates that the **ControlMessage** (section [3.1.5.32](#)) is informational.

3.1.5.33.1.2 Warning

Value: 1

Indicates that the **ControlMessage** (section [3.1.5.32](#)) is a warning.

3.1.5.33.1.3 Error

Value: 2

Indicates that the **ControlMessage** (section [3.1.5.32](#)) is an error.

3.1.5.34 Microsoft.SharePoint.Client.Search.Administration.DocumentCrawlLog

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

ShortName: Microsoft.SharePoint.Client.Search.Administration.DocumentCrawlLog

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

3.1.5.34.1 Properties

3.1.5.34.1.1 Scalar Properties

None.

3.1.5.34.1.2 ObjectPath Properties

None.

3.1.5.34.2 Methods

3.1.5.34.2.1 Scalar Methods

3.1.5.34.2.1.1 GetCrawledUrls

Return Type: Microsoft.SharePoint.Client.SimpleDataTable

This method is used to retrieve information about all the contents that were crawled. Microsoft.SharePoint.Client.SimpleDataTable is specified in [\[MS-CSOMREST\]](#) section 3.1.5.1.3.3.

Parameters:

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: maximum number of rows to be returned. If 0 is specified, all the rows are returned. The protocol server MUST NOT return more rows than specified by the *maxRows* parameter, if it is not 0.

Type: CSOM Int64

queryString: Specifies the URL pattern for which crawled documents MUST be returned. The specified pattern MUST match all literal characters except for the character '*'. The '*' character MUST match any number of arbitrary characters.

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

3.1.5.34.2.2 ObjectPath Methods

3.1.5.34.2.2.1 CSOM Constructor

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

Parameters:

site: The site for which information about items that were crawled is retrieved.

Type: Microsoft.SharePoint.Client.Site

Microsoft.SharePoint.Client.Site is specified in [\[MS-CSOMSPT\]](#) section 3.2.5.119.

3.1.5.35 Microsoft.SharePoint.Client.Search.Administration.SearchObjectLevel

ShortName: Microsoft.SharePoint.Client.Search.Administration.SearchObjectLevel

Flag: false

This enumeration represents a site server level.

3.1.5.35.1 Field Values

3.1.5.35.1.1 SPWeb

Value: 0

Represents the level of a site server site.

3.1.5.35.1.2 SPSite

Value: 1

Represents the level of a site server site collection.

3.1.5.35.1.3 SPSiteSubscription

Value: 2

Represents the level of a site server tenant.

3.1.5.35.1.4 Ssa

Value: 3

Represents the level of a site server search service application.

3.1.5.36 Microsoft.SharePoint.Client.Search.Administration.SearchObjectOwner

TypeId: {E6834C69-54C1-4BFC-9805-4B88406C28BB}

ShortName: Microsoft.SharePoint.Client.Search.Administration.SearchObjectOwner

This object represents a site server owner.

3.1.5.36.1 Properties

3.1.5.36.1.1 Scalar Properties

None.

3.1.5.36.1.2 ObjectPath Properties

None.

3.1.5.36.2 Methods

3.1.5.36.2.1 Scalar Methods

None.

3.1.5.36.2.2 ObjectPath Methods

3.1.5.36.2.2.1 CSOM Constructor

Initializes a new **SearchObjectOwner** object.

Parameters:

lowestCurrentLevelToUse: Specifies the site server level to use.

Type: Microsoft.SharePoint.Client.Search.Administration.SearchObjectLevel

3.1.5.37 Microsoft.SharePoint.Client.Search.Portability.SearchConfigurationPortability

TypeId: {F44B2C90-DDC4-49C8-8D4D-4FB56DCC3247}

ShortName: Microsoft.SharePoint.Client.Search.Portability.SearchConfigurationPortability

This object contains methods that can be used to import, export, or delete search settings, which includes query rules, result sources, **managed properties**, **crawled properties**, and **ranking models**, to a site, site collection, tenant level, or search service application.

3.1.5.37.1 Properties

3.1.5.37.1.1 Scalar Properties

3.1.5.37.1.1.1 ImportWarnings

Type: CSOM String

Accessibility: Read Only

Specifies the warning messages that were generated during the import.

3.1.5.37.1.2 ObjectPath Properties

None.

3.1.5.37.2 Methods

3.1.5.37.2.1 Scalar Methods

3.1.5.37.2.1.1 ExportSearchConfiguration

Return Type: CSOM String

This method exports the search settings at the specified site server level. This method **MUST** only export the search setting added by the user and **MUST NOT** export the out-of-box search settings.

Parameters:

owningScope: Specifies the site server level at which to export the search settings.

Type: Microsoft.SharePoint.Client.Search.Administration.SearchObjectOwner

3.1.5.37.2.1.2 ImportSearchConfiguration

Return Type: None

This method imports the search settings at the specified site server level.

Parameters:

owningScope: Specifies the site server level at which to import the search settings.

Type: Microsoft.SharePoint.Client.Search.Administration.SearchObjectOwner

searchConfiguration: Specifies the search settings to be imported at the specified site server level. This is obtained by exporting the search setting using the **ExportSearchConfiguration** (section [3.1.5.37.2.1.1](#)) method.

Type: CSOM String

3.1.5.37.2.1.3 DeleteSearchConfiguration

Return Type: None

This method deletes the search settings at the specified site server level.

Parameters:

owningScope: Specifies the site server level at which to delete the search settings.

Type: Microsoft.SharePoint.Client.Search.Administration.SearchObjectOwner

searchConfiguration: Specifies the search settings that **MUST** be deleted.

Type: CSOM String

3.1.5.37.2.2 ObjectPath Methods

3.1.5.37.2.2.1 CSOM Constructor

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

Parameters: None

3.1.5.38 Microsoft.SharePoint.Client.Search.Query.PopularQuery

TypeId: {CEA115D6-87EC-4E1C-AA4A-B8D44D6CD10D}

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

This object is used by the **ExportPopularQuery** method (section [3.1.5.18.2.1.4](#)) and contains data about a popular query. Popular queries are used by query rules to trigger popular query conditions.

3.1.5.38.1 Properties

3.1.5.38.1.1 Scalar Properties

3.1.5.38.1.1.1 ClickCount

Type: CSOM Int32

Accessibility: Read/Write

Specifies the number of times a user clicked at least once on any of the search results returned by this query.

3.1.5.38.1.1.2 LCID

Type: CSOM Int32

Accessibility: Read/Write

Specifies the language of the query text as a language code identifier (LCID).

3.1.5.38.1.1.3 QueryCount

Type: CSOM Int32

Accessibility: Read/Write

Specifies the number of times this query was issued.

3.1.5.38.1.1.4 QueryText

Type: CSOM String

Accessibility: Read/Write

Specifies the text of this search query.

3.1.5.38.1.2 ObjectPath Properties

None.

3.1.5.39 Microsoft.SharePoint.Client.Search.Query.QueryAutoCompletion

TypeId: {A2967D9C-4DE2-4B3E-B803-DDE07ACEDE25}

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

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25](#).

3.1.5.39.1 Properties

3.1.5.39.1.1 Scalar Properties

3.1.5.39.1.1.1 Matches

Type: CSOM array of Microsoft.SharePoint.Client.Search.Query.QueryAutoCompletionMatch

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.4](#).

3.1.5.39.1.1.2 Query

Type: CSOM String

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.3](#).

3.1.5.39.1.1.3 Score

Type: CSOM Double

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.3](#).

3.1.5.39.1.1.4 Source

Type: CSOM String

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.3](#).

3.1.5.39.1.2 ObjectPath Properties

None.

3.1.5.40 Microsoft.SharePoint.Client.Search.Query.QueryAutoCompletionMatch

TypeId: {A2D57556-71DD-447A-8B8F-00EF0AE9AFD5}

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

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.4](#).

3.1.5.40.1 Properties

3.1.5.40.1.1 Scalar Properties

3.1.5.40.1.1.1 Alternation

Type: CSOM Boolean

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.4](#).

3.1.5.40.1.1.2 Key

Type: CSOM String

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.4](#).

3.1.5.40.1.1.3 Length

Type: CSOM Int64

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.4](#).

3.1.5.40.1.1.4 MatchType

Type: CSOM String

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.4](#).

3.1.5.40.1.1.5 Score

Type: CSOM Double

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.4](#).

3.1.5.40.1.1.6 SourceName

Type: CSOM String

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.4](#).

3.1.5.40.1.1.7 Start

Type: CSOM Int64

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.4](#).

3.1.5.40.1.1.8 Value

Type: CSOM String

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.4](#).

3.1.5.40.1.2 ObjectPath Properties

None.

3.1.5.41 Microsoft.SharePoint.Client.Search.Query.QueryAutoCompletionResults

TypeId: {A18D0722-E006-476B-B783-8F64C2859507}

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

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.5](#).

3.1.5.41.1 Properties

3.1.5.41.1.1 Scalar Properties

3.1.5.41.1.1.1 CoreExecutionTimeMs

Type: CSOM Int64

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.5](#).

3.1.5.41.1.1.2 CorrelationId

Type: CSOM String

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.5](#).

3.1.5.41.1.1.3 Queries

Type: CSOM array of Microsoft.SharePoint.Client.Search.Query.QueryAutoCompletion

Accessibility: Read/Write

Specified in [\[MS-QSSWS\]](#) section [3.1.4.25.3.5](#).

3.1.5.41.1.2 ObjectPath Properties

None.

3.1.5.42 Microsoft.SharePoint.Client.Search.Query.QuerySuggestionRange

TypeId: {6B42D4EE-3341-42EB-84B8-9DAE18493482}

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

This type is not used.

3.1.5.42.1 Properties

3.1.5.42.1.1 Scalar Properties

3.1.5.42.1.1.1 Length

Type: CSOM Int32

Accessibility: Read/Write

This property is not used.

3.1.5.42.1.1.2 Start

Type: CSOM Int32

Accessibility: Read/Write

This property is not used.

3.1.5.42.1.2 ObjectPath Properties

None.

3.1.5.43 Microsoft.SharePoint.Client.Search.ContentPush.CertificateService

TypeId: {B9E0DB1D-0B4C-4010-9EA5-43E1BC7041D0}

ShortName: Microsoft.SharePoint.Client.Search.ContentPush.CertificateService

This object contains methods to get the currently valid certificates for content encryption, and information about the certificates, for a farm and/or tenant in the search content service.

3.1.5.43.1 Properties

3.1.5.43.1.1 Scalar Properties

None.

3.1.5.43.1.2 ObjectPath Properties

None.

3.1.5.43.2 Methods

3.1.5.43.2.1 Scalar Methods

3.1.5.43.2.1.1 CertificateSettings

Return Type: CSOM dictionary

This method is called to get the settings for, and information about, certificates used with the search content service. The settings include:

- "CertificatePollIntervalInSeconds": The maximum number of seconds the certificates can be assumed to be valid.

Parameters: None

3.1.5.43.2.1.2 ValidContentEncryptionCertificates

Return Type: CSOM array of **CSOM binary**

This method is called to get the current list of valid content encryption certificates for the farm and/or tenant.

Content to be submitted to the search content service must be encrypted to all current encryption certificates. The client may assume the certificates are valid for the number of seconds in "CertificatePollIntervalInSeconds", but must then call this method again to refresh the list. Certificates not on the current list are no longer valid and must not be used.

Parameters: None

3.1.5.43.2.2 ObjectPath Methods

3.1.5.43.2.2.1 CSOM Constructor

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

Parameters: None

3.1.5.44 Microsoft.SharePoint.Client.Search.ContentPush.PushTenantManager

TypeId: {098AD99C-6F30-478B-9EA7-F8C3AB3F0083}

ShortName: Microsoft.SharePoint.Client.Search.ContentPush.PushTenantManager

This object contains methods that can be used to prepare and manage the destination search farm to receive the content for the current tenant via the search content service.

3.1.5.44.1 Properties

3.1.5.44.1.1 Scalar Properties

None.

3.1.5.44.1.2 ObjectPath Properties

None.

3.1.5.44.2 Methods

3.1.5.44.2.1 Scalar Methods

3.1.5.44.2.1.1 PreparePushTenant

Return Type: None

This method is called to prepare the destination search farm to receive content for the current tenant via the search content service.

Parameters: None

3.1.5.44.2.1.2 DeleteAllCloudHybridSearchContent

Return Type: CSOM Int64

This method is called to start deletion of all hybrid content for a tenant. It returns the task identification to the caller.

Parameters: None

3.1.5.44.2.2 ObjectPath Methods

3.1.5.44.2.2.1 CSOM Constructor

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

Parameters: None

3.1.5.44.2.2.2 GetPushServiceInfo

Return Type: Microsoft.SharePoint.Client.Search.ContentPush.PushTenantServiceInfo

This method is called to get the information about the search content service instance for this push tenant.

Parameters: None

3.1.5.45 Microsoft.SharePoint.Client.Search.ContentPush.PushTenantServiceInfo

TypeId: {E5BBC713-0FC0-4F7C-9322-AD09695FAABD}

ShortName: Microsoft.SharePoint.Client.Search.ContentPush.PushTenantServiceInfo

This object contains properties that describe how to connect to and use the search content service in order to push content for a given tenant.

3.1.5.45.1 Properties

3.1.5.45.1.1 Scalar Properties

3.1.5.45.1.1.1 AuthenticationRealm

Type: CSOM String

Accessibility: Read Only

This property contains the authentication realm to be used when authenticating to the search content service for this tenant.

3.1.5.45.1.1.2 EndpointAddress

Type: CSOM String

Accessibility: Read Only

This property contains the endpoint address (URI) of the search content service instance for this tenant.

3.1.5.45.1.1.3 ServiceProperties

Type: CSOM dictionary

Accessibility: Read Only

This property contains the service properties of the search content service instance for this tenant. The properties include:

- "CertificatePollIntervalInSeconds": The maximum number of seconds the certificates can be assumed to be valid. Same as the corresponding setting in **CertificateService.CertificateSettings** (section [3.1.5.43.2.1.1](#)).

3.1.5.45.1.1.4 TenantId

Type: CSOM String

Accessibility: Read Only

This property contains the tenant identifier used to identify the tenant's documents in the search content service and index. In order to submit documents with this tenant ID, the client must authenticate with an authentication realm that is authorized for this tenant, i.e. the realm returned in the **AuthenticationRealm** (section [3.1.5.45.1.1.1](#)) property.

3.1.5.45.1.1.5 ValidContentEncryptionCertificates

Type: CSOM array of CSOM binary

Accessibility: Read Only

This property contains the current list of valid content encryption certificates for the farm and/or tenant.

Content to be submitted to the search content service must be encrypted to all current encryption certificates. The client may assume the certificates are valid until the time returned in the **ValidUntil** (section [3.1.5.45.1.1.6](#)) property, but must then refresh the list by invoking **GetPushServiceInfo** (section [3.1.5.44.2.2.2](#)) again. Certificates not on the current list are no longer valid and must not be used.

GetPushServiceInfo will at most set **ValidUntil** to current time plus the number of seconds in **CertificatePollIntervalInSeconds**, so for a client using **GetPushServiceInfo** to get certificates, it can use either property to determine how frequently to poll for new certificates.

Getting the certificates through this property or through the **ValidContentEncryptionCertificates** method of the **CertificateService** object is equivalent.

3.1.5.45.1.1.6 ValidUntil

Type: CSOM DateTime

Accessibility: Read Only

This property contains a time indicating how long the information in this object can be considered valid. After this time has expired, the information must be refreshed by invoking **GetPushServiceInfo** (section [3.1.5.44.2.2.2](#)) again.

3.1.5.45.1.2 ObjectPath Properties

None.

3.1.5.45.2 Methods

3.1.5.45.2.1 Scalar Methods

None.

3.1.5.45.2.2 ObjectPath Methods

None.

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 the 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>
<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>

```

```

</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://contoso/sites/search/_layouts/15/start.aspx#/sites/search/Pages/results.
aspx?k=page#hp=%7B%22Default%22%3A%7B%22s%22%3A1%2C%22l%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-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\u002fDisp
lay Templates\u002fSearch\u002fDefaultGroup.js"
},"QueryId":"940b1d2c-322c-44c2-a493-4306e5321c37","QueryRuleId":"00000000-0000-0000-0000-
000000000000",
"ResultRows":[
{
"Rank":"3.49530363082886","DocId":200013,"WorkId":null,"Title":"\r\n\t\r\n\tHome\r\n\r\n","Au
thor":"CONTOSO\MICHAL; | Michal Piaseczny |
CONTOSO\michal","Size":69282,"Path":"http:\u002f\contoso","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><HHUrl>http:\u0
02f\u002fcontoso<\u002fHHUrl>","contentclass":"STS_Site","IsDocument":false,"PictureThumbnail
URL":null,"ServerRedirectedURL":null,"ServerRedirectedEmbedURL":null,"ServerRedirectedPreview
URL":null,"FileExtension":null,"ContentTypeId":null,"ParentLink":null,"ViewsLifeTime":null,"V
iewsRecent":null,"SectionNames":"","SectionIndexes":"","SiteLogo":null,"SiteDescription":"Con
tent
site","deeplinks":"","importance":0,"OriginalPath":"http:\u002f\u002fcontoso","ResultTypeIdLi
st":"23","LastModifiedTime":null,"DocumentSummarySize":2324,"DocumentSummary":"\/Base64Binary
(7L0HYBxJliUmL23Ke39K9UrX4HShCIBgEyTYkEAQ7MGIzeaS7B1pRyMpyqBymVWZV1mFkDM7Z28995777333nvvvf6
0510J\u002ffff\u002fz9cZmQBbPbOStrJniGAqsgfP358Z8i\u002fu\u002f\u002f\u002f\u002f+v3+tx+PX+D
V+nV\u002ffj1\u002fg1fr1f49f5NX6DX+PX+DV+jV\u002ffj1\u002ff81foNf49f5NX6NX+vX+DV+zV\u002ffj1\u002
f81fuzX+I1\u002ffjd\u002f21\u002fgNfo2U\u002fn\u002fn1\u002ffj1fo29X+PX+TUEoM8j+nLc339BP1\u002f
Rz5+iz6a\u002ffxg\u002f7a7y1v1e\u002ffxq\u002f9a7T0+x9En\u002f9R9PcFR+\u002f+6fT9n0+\u002f\u002
f8X086+in389ffd30M+\u002f137+I\u002ftZP0Pt\u002f2X6+9+gd\u002f8d+v0\u002fPn\u002f\u002fU\u002
fruv6Wf\u002fyP9\u002f5fTZ\u002f8X\u002ffylf81f\u002f9f4jeJ\u002fv9Wv+Wv9Gr\u002ftr\u002f1jv8
aP\u002f5rJr7Hza\u002f5f6v8aDP\u002fjX+jUe0GeH9Nkpf\u002f81\u002fy1f42X9PP3\u002ffjV\u002fnV\u
002ffj+\u002fr7Rv\u002fp6e8FtV1Rmx\u002fQe384vffH0Xt\u002fHH32J9FnFw59\u002ffxf\u002fmr\u002fBr
\u002fHX009\u002fg\u002f38+6nNP0Wf\u002fyvU7t+g\u002f\u002f\u002f\u002fPd\u002fRXD+\u002ffrsVxDc\
\u002f53e+z9\u002ffzV\u002ff31\u002ff1f63f4Nf4jX4twunX+rV\u002ffjD\u002fu1\u002ffp1f41fQD8\u002ff+r
V+vV\u002ffjDv3c\u002frV+nV\u002ffjHv3+6Nf6tX6Nz6jdm\u002fr796LfX\u002ffxav+av8ZL+\u002fn3ovT+AP
supbUG\u002ff\u002ff6JfK\u002ffk1fjG1\u002ff0Po7z+CYP3x9P8\u002ffnX7\u002ffs+nnX0w\u002ff\u002ff3L6+d
FR+38Tt7276fd\u002ffKH7\u002fFR+j9f5J+\u002ffxfovX+d4P6BbPc\u002ffos\u002ff+C\u002ffruv6b6ffxn9\u002
fF\u002ffp7\u002ff+Tvv91f+1f59dIfulf99f4zX\u002ffth\u002ffs1fgdf+9f+NdJf+9f7NT6mz0a\u002ff9m\u002ff
wa9yn3w\u002ffp\u002ff0\u002ffo789\u002ff7V\u002ff313j+a\u002ffwv8av8Wv8LvTfp\u002ffTf70P\u002ffxdN\
\u002fffxz99xfTF\u002ff8I\u002ffcf0n\u002ff\u002ffKf33P9J\u002ffz3\u002ffN57\u002ffmX0z\u002ff\u002ffYv
03x\u002ffwa\u002ff0Bv9Yvpv9+4a\u002ff9C3\u002fftT+i\u002ffQ\u002ffrv+a\u002ff9a\u002ffwv8av8fzX\u00
2ffjV+jz8hzql+jSXXSM7\u002ffpr9G82sU\u002ffnFj7r7H+NwR6Tz4vqTd819NvOXEXwsx+jz\u002ff5Nz7S21NqubDvn
```

```
+hvOb37G\u002f8aCbV5Qb9f0bs\u002f82u8\u002fjUyarliGKn9PP01jqltS\u002f10+ZvwLfl2+mvM6ftL+gxQco
Ijn0nb14pzo38\u002f079NHxVj9Yx+rgmvGbf4Mfvf0OhvHpfB7\u002fZjGhpRdzhaDaNS5Qv6DTM0NIqXBPeC3z0jH
OV3wPyL+F\u002f2f3bfg+vvvur4GZntLnC27R0m8p9Yfx1PR7Q\u002f8\u002f09\u002fd\u002fovJYznPAL0WFGbp
fcN6HXJ\u002f6a\u002ffxu6vcZ\u002f+3fo13vwa4KE5tQ08jHpk6U28f0mfgeqf078ykpYhC7+19A1GMNm5ozZktu
n2gdGjrGkF8M4zi2Xx\u002fTjzQXDUPBjDUMqaj2a5594NIQHlZxi+izgn9Dq1PLTSv6f8Gylf4az7mfnn\u002fCvK
JLxu0MLVruL+UeZ4oVZqfmTzP+NOX3Vvxpq3z0k4qvtEH\u002f77gnjOikW779NSb0s6KfQ11QbU0c41Pbfw8MvklwM
1T\u002ffkxGbZ59qfOGvP8yNiXBgxaR\u002ffs\u002f033P65CXjz7OGYvFr2G4LaP\u002f9+UQFJpQOOC\u002ftr
LiRt6VhS\u002f4Fg+F0AyWqk+GglbZqfo3Rr+FkCGMaefBLnquWP8fYjuTFi5ZEQ5M7Qg+ot7R60S\u002f+Yg+u1C6r
myrnOcRuDoMAdnEMuPvBU7FI8IcGCzR54Sp02UMpzSL4JALxQLfGFP9pFrGar28XVnedyPHuGedGWgCagCjSrXfX2Q13F
9EfLkM57\u002fGSLZwlsY+XN6HXpM+v6KpQvjf809og\u002fYp\u002f8nAAD\u002f\u002ffw==)\", "Partitio
nId": "\/Guid(0c37852b-34d0-418e-91c6-
2ac25af4be5b)\", "UrlZone": 0, "AAMEnabledManagedProperties": "Path;recommendedfor", "ResultTypeI
d": 23, "RenderTemplateId": "~sitecollection\u002f_catalogs\u002fmasterpage\u002fDisplay
Templates\u002fSearch\u002fSiteItem.js", "piSearchResultId": "2 0 1 0"
}, {
"Rank": "2.75381112098694", "DocId": 200023, "WorkId": null, "Title": "\r\n\t\r\n\tHome - Document
Center\r\n\r\n\r\n", "Author": "Michal
Piaseczny", "Size": 67782, "Path": "http:\u002f\u002fcontoso\u002fDocs", "Description": "Document
Center
site", "Write": "\/Date(2011,10,15,14,35,58,0)\", "sitename": null, "CollapsingStatus": 0, "HitHigh
lightedSummary": "Turn on Accessibility\r\nShow Debug Toolbar <ddd\u002f> Use this site to
create, work on, and store documents. This site can become a collaborative repository for
authoring documents within a team, or a knowledge <ddd\u002f>
", "HitHighlightedProperties": "<HHTitle>\r\n\t\r\n\tHome - Document
Center\r\n\r\n\r\n<\u002fHHTitle><HHUrl>http:\u002f\u002fcontoso\u002fDocs<\u002fHHUrl>", "content
class": "STS_Web", "IsDocument": false, "PictureThumbnailURL": null, "ServerRedirectedURL": null, "Se
rverRedirectedEmbedURL": null, "ServerRedirectedPreviewURL": null, "FileExtension": null, "ContentT
ypeId": null, "ParentLink": "http:\u002f\u002fcontoso", "ViewsLifetime": null, "ViewsRecent": null, "
SectionNames": "", "SectionIndexes": "", "SiteLogo": null, "SiteDescription": "Document Center
site", "deplinks": "", "importance": 0, "OriginalPath": "http:\u002f\u002fcontoso\u002fDocs", "Resu
ltTypeIdList": "23", "LastModifiedTime": null, "DocumentSummarySize": 1728, "DocumentSummary": "\/Ba
se64Binary(7L0HYBxJliUmL23Ke39K9UrX4HShCIBgEyTYkEAQ7MGIzeaS7B1pRyMpqqyqBymVWZV1mFkDM7Z28995777
333nvvvfe60510J\u002ffff\u002ffz9cZmQbBpOstrJniAgsgfP358Hz8i\u002ffu\u002ff\u002ff\u002ff\u002ff
v3+txPX+DV+01\u002ffj1\u002ffg1fr1\u002ff49f5N7jX+M3+DV+m1\u002ffj1\u002ffs18Pev8Ww8Br\u002ffg\u002ff0
av96v8Zv9Gr\u002ffor1H+mr\u002ffGr\u002ffFr\u002ffhq\u002ff\u002ffq\u002ffxY7\u002ffGr\u002ffNr\u002ffC
a\u002ffxm\u002ffwa\u002ffY2v8Zv+mt8TD\u002ff3608Hv8av92sc0c8T+v4L+vmKfv4UfTb9NX7dX+Mt\u002ff36NX
7tx6013\u002ff8gav9H0+d\u002ffIv38s+jnX0D\u002ff\u002ff8vo+7\u002ff61\u002ffilfo2\u002ff7tf4jX+Nvd5d+
\u002ff4eo3T9B7\u002ff\u002ffz1NO\u002ffQf\u002ff\u002ffD+nV\u002ff4z+\u002ff1\u002ffTd\u002ff4r6of
\u002ffQe\u002ff\u002ffur\u002ffmr\u002ffdr\u002ffIa\u002ff5q\u002ff\u002ffa\u002ffYv+av9Wv8Nr\u002ffmr
\u002fflr\u002ffEA6\u002ff5m\u002ffwa\u002ffw4fXaHft\u002ff+NX+dX20P\u002ffv+AvntEnz2h3z+n338v+u7LX\u00
002ffPX\u002ffTW+jv\u002ff7Nf4A+iznP7\u002ff0\u002ffTZktqsf81f89e4+jv\u002ff41\u002ffjd\u002ff81k1\u00
002ffjT6L\u002ff\u002ffRg8xfQ\u002ff\u002ff8q+u5vP0\u002ff+Zmr7dxKMv4d\u002ff\u002ffvo83c\u002ffv5nqd2\u00
002ffSL\u002ff\u002ff29TmP6L+\u002ff2uC\u002ffT\u002ffS7\u002ff8rtfnf609f49f6dX6NX\u002fffx+rV+jd\u00
2ffg1\u002ffoNfo3fnH7+dr\u002ffWr\u002ffdr\u002ffEC6\u002fffo\u002ff9Gnfo7z36+z79\u002ff+DX+vV\u002ffjd
\u002ffz1\u002ffp1f41n9PmX9P1P0jvfv+7V+3V\u002ffj9\u002ff41fo1f49cmvzGv8an9N\u002ffvQ\u002ff9d039\u00
002ffiv33F9B\u002fffxn998\u002ffTf\u002ff8G\u002fffcf0n\u002ff\u002ffGf33X9N\u002ff\u002ffz399xv+mr\u00
002ffhr3mH\u002ffvsf6D8i7K\u002ff1W9J\u002ffW\u002ffTfA\u002ffrvS\u002ffrvD\u002ffilMLV\u002ffkW\u002ff1
a\u002ffwaP0MzVv0a5SgqbnP9Nf43mlyj4r5\u002ff5Nz7SN9NfY\u002ff1rLox3J\u002ffpb\u002ffmvU9Pua\u002ffq3
1k5Iww7s5\u002ffzBw2zgzI8wTgvOCf+r1737m13j9a2QEbcVtUvt5+mscE5yW+p3yN+FB8u3015jT95eM12v6N9PPp01
rxbnRv5\u002ffR36aPjF\u002ffRj\u002ffXhKng9GP2v81j3Pytj8cbpsaSWlT87zF9oWMQM8J4wMcr7n\u002ff\u002ff\u00
002ffRGRanLqYecv13\u002ffGhf0+xv6rKJ2E4b6nN+r+feCIXWxahNw7+9oXYNSVpd01fXrAzNa0pymt4wsu\u002ffYPE
6pzYLfaOk3\u002ffDvnvza\u002ff+xVzgbQGdn7PAmfK+GX82Yj+vmKM3yrt8EnGM5Xy2GQ0Kf3dHf2YadvZcrvp0S93
BtDxt+AviX9PmG4wEG4KtUeVvSpwMG34Ohz\u002ffglvr31E+Ksg6JivPkYYS8HtCsYafQIncD3GZWC1NNo1cWc4dEbQg
AHmXWhneo31kDH9gcF+WtC3JY\u002ffCSJXpr\u002ffk1\u002ff+fikaC3xa0d8zfrM\u002ff4f88YU3w74fH25\u002ffPaFP
PP4v9\u002ffkUoluLGNtEaf4L8ZQT1nrqXkJwz5C\u002ffrL\u002ff\u002ffolvk2fxjAfCYRxygezKLTnTPclS1hKolkydTH
r8n7za8BE\u002ffT8BAAD\u002ff\u002ffw==)\", "PartitionId": "\/Guid(0c37852b-34d0-418e-91c6-
2ac25af4be5b)\", "UrlZone": 0, "AAMEnabledManagedProperties": "Path;recommendedfor", "ResultTypeI
d": 23, "RenderTemplateId": "~sitecollection\u002f_catalogs\u002fmasterpage\u002fDisplay
Templates\u002fSearch\u002fSiteItem.js", "piSearchResultId": "2_1_1_0"
}, {
"Rank": "1.7908421754837", "DocId": 200021, "WorkId": null, "Title": "\r\n\t\r\n
News\r\n\r\n\r\n", "Author": "Michal Piaseczny; | Michal Piaseczny |
CONTOSO\|Michal", "Size": 70152, "Path": "http:\u002f\u002fcontoso\u002fNews", "Description": "Comp
any News
Home", "Write": "\/Date(2011,10,15,14,36,0,0)\", "sitename": null, "CollapsingStatus": 0, "HitHigh
lightedSummary": "You have not selected an RSS feed. Please Open the tool pane to set the feed
url <ddd\u002f> Click here to add or modify a contact <ddd\u002f>
", "HitHighlightedProperties": "<HHTitle>\r\n\t\r\n
News\r\n\r\n\r\n<\u002fHHTitle><HHUrl>http:\u002f\u002fcontoso\u002fNews<\u002fHHUrl>", "contentcl
ass": "STS_Web", "IsDocument": false, "PictureThumbnailURL": null, "ServerRedirectedURL": null, "Serv
```



```
erRedirectedEmbedURL":null,"ServerRedirectedPreviewURL":null,"FileExtension":null,"ContentTyp
eId":null,"ParentLink":"http:\u002f\u002fcontoso","ViewsLifeTime":null,"ViewsRecent":null,"Se
ctionNames":"","SectionIndexes":"","SiteLogo":null,"SiteDescription":"Company News
Home","deeplinks":"","importance":0,"OriginalPath":"http:\u002f\u002fcontoso\u002fNews", "Resu
ltTypeIdList":"23","LastModifiedTime":null,"DocumentSummarySize":1374,"DocumentSummary": "\/Ba
se64Binary(7L0HYBxJliUmL23Ke39K9UrX4HShCIBgEyTYkEAQ7MGIzeaS7B1pRyMpqqyqBymVWZVmFkDM7Z28995777
333nvvvf60510J\u002ffff\u002ffz9cZmQBbPbOStrJniGAqsgfP358Hz8i\u002ffu\u002f\u002f\u002f\u002f+
v3+tx+PX+DV+nV\u002fj1\u002fg1kl\u002fj1\u002fk1fqNf49f4NX6NX+PX\u002ffzV+g1\u002fj1\u002fk1fu
Nf49f5NfZ\u002ffzV\u002fj1\u002fg1f41f\u002f9f4sV\u002fj1\u002fk1fNf4z4f4NX7bX+PX+zXSX+M3\u002
fjXG9PsD+v2IPj+h77+gn6\u002fo50\u002fRZ9Nf49f9Nd7S36tF49f+NVR6\u002fQ+i3\u002fL8+wvyPoXf+VPr55
9LfYH9\u002fCvo519L7\u002fxt9PPvpp\u002f\u002fEH32T1H7f5H+\u002fftfo3X+Lfv\u002ff36ff\u002fmL7
7r+nn\u002f0T\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f
9f4XeJv351+3qHPxvRz79f8DX6Nw1\u002ffz1\u002fo1juj3J\u002fTzT+n7L+nnG\u002fr796af36f\u002fT+j7n
P4u6P8L+rums5CE75fE\u002f\u002fwX\u002ffPX\u002fTX+WPrsT6T2fyp9\u002fmfSz+zHYzFv+av+Wv8
pft9X0vf\u002fY30999BP\u002f9e+vsfod\u002f\u002ffafr9X\u002fg1f91f4+Wv8Wv8Gr8G0ek3\u002fjU+pf9
+H\u002fErvmv77w+i\u002fP4b+wvvp3+I\u002ffv36b\u002f\u002fmP775fTfr\u002f9r\u002fvq\u002f5u9A
\u002ff\u002f3u9N+a\u002fvvD6b+\u002fhv77G+m\u002ff4T+1d\u002ffzV\u002fj1\u002fg1fol\u002f9df8
NX6NnyGKV7\u002fGkmb87\u002fpr9H8GgX\u002f9Tf5LAzV1ziwa00pjDFJaz5z\u002ffgs0BgeXPMK3FacaWtgZwHkEdXlChU0
2fYreOaf2Nf0n35eEHYd19fTOMPdGjFq\u002f\u002fjUygrbiT1P7bvprHNOBLfU75W9CyPLt9NeY0\u002ffexjNdr+
jftz6Tta8W50b+f0d+mj4oxf0Y\u002f14TbjFv8mP3P90LdvHnc7q3bjmdoNN2xhCPZNI4v6DfQe2j+UpInh9PtMLldq
7+IpPM1\u002ffzF+Gj9Jn6EN6PL7MGYpjSPjkaWET6UyHxyQos1\u002fwugnNOn+HxMv7\u002f02fklhm\u002fk\u002f
k002f4AxIUobdtCW70Pyv6r6TfVgzFca9tF5LAzV1ziwa00pjDFJaz5z\u002ffgs0BgeXPMK3FacaWtgZwHkEdXlChU0
V8F9XDn36X01g\u002f5L7KUE0Ltk\u002ff6tT0\u002fFHA8\u002ffpCwPpK1\u002fja\u002ftot4Lxe\u002fNrgA\
\u002ffaX6P5NscT\u002f08AAAD\u002ff\u002fw==)\/","PartitionId": "\/Guid(0c37852b-34d0-418e-91c6-
2ac25af4be5b)\/","UrlZone":"","AMENabledManagedProperties":"Path;recommendedfor","ResultTypeI
d":23,"RenderTemplateId":"~sitecollection\u002f_catalogs\u002fmasterpage\u002fDisplay
Templates\u002fSearch\u002fSiteItem.js","piSearchResultId":"2 2 1 0"
},{
"Rank": "1.49750876426697","DocId":200014,"WorkId":null,"Title": "\r\n\t\r\n\tHome - Corporate
Gallery
Site\r\n\r\n","Author": "CONTOSO\MICHAL","Size":53253,"Path": "http:\u002f\u002fcontoso\u002fs
ites\u002ffac5e5f64-8f6d-4a10-97b2-033f87225068","Description": "Hosts Corporate Catalog and
Office Extension
Catalog","Write": "\/Date(2011,10,15,15,0,28,0)\/","sitename":null,"CollapsingStatus":0,"HitHi
ghlightedSummary": "|<c0>Home<\u002fc0> <ddd\u002f> Hosts Corporate Catalog and Office
Extension Catalog <ddd\u002f> ","HitHighlightedProperties": "<HHTitle>\r\n\t\r\n\tHome -
Corporate Gallery
Site\r\n\r\n<\u002fHHTitle><HHUrl>http:\u002f\u002fcontoso\u002fsites\u002ffac5e5f64-8f6d-
4a10-97b2-
033f87225068<\u002fHHUrl>","contentclass": "STS Site","IsDocument": false,"PictureThumbnailURL"
: null,"ServerRedirectedURL": null,"ServerRedirectedEmbedURL": null,"ServerRedirectedPreviewURL"
: null,"FileExtension": null,"ContentTypeId": null,"ParentLink": null,"ViewsLifeTime": null,"Views
Recent": null,"SectionNames": "", "SectionIndexes": "", "SiteLogo": null,"SiteDescription": "Hosts
Corporate Catalog and Office Extension
Catalog","deeplinks": "", "importance": 0, "OriginalPath": "http:\u002f\u002fcontoso\u002fsites\u00
2ffac5e5f64-8f6d-4a10-97b2-
033f87225068","ResultTypeIdList": "23","LastModifiedTime": null,"DocumentSummarySize": 740, "Docu
mentSummary": "\/Base64Binary(7L0HYBxJliUmL23Ke39K9UrX4HShCIBgEyTYkEAQ7MGIzeaS7B1pRyMpqqyqBymVW
ZVmFkDM7Z28995777333nvvvf60510J\u002ffff\u002ffz9cZmQBbPbOStrJniGAqsgfP358Hz8i\u002ffu\u002f\u002f\u002f\u002f+
v3+tx+PX+DV+nV\u002fj1\u002fg1kl\u002fj1\u002fk1fqNf49f4NX6NX+PX\u002ffzV+g1\u002fj1\u002fk1fu
Nf49f5NfZ\u002ffzV\u002fj1\u002fg1f41f\u002f9f4sV\u002fj1\u002fk1fNf4z4f4NX7bX+PX+zXSX+M3\u002
fjXG9PsD+v2IPj+h77+gn6\u002fo50\u002fRZ9Nf49f9Nd7S36tF49f+NVR6\u002fQ+i3\u002fL8+wvyPoXf+VPr55
9LfYH9\u002fCvo519L7\u002fxt9PPvpp\u002f\u002fEH32T1H7f5H+\u002fftfo3X+Lfv\u002ff36ff\u002fmL7
7r+nn\u002f0T\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f
9f4XeJv351+3qHPxvRz79f8DX6Nw1\u002ffz1\u002fo1juj3J\u002fTzT+n7L+nnG\u002fr796af36f\u002fT+j7n
P4u6P8L+rums5CE75fE\u002f\u002fwX\u002ffPX\u002fTX+WPrsT6T2fyp9\u002fmfSz+zHYzFv+av+Wv8
pft9X0vf\u002fY30999BP\u002f9e+vsfod\u002f\u002ffafr9X\u002fg1f91f4+Wv8Wv8Gr8G0ek3\u002fjU+pf9
+H\u002fErvmv77w+i\u002fP4b+wvvp3+I\u002ffv36b\u002f\u002fmP775fTfr\u002f9r\u002fvq\u002f5u9A
\u002ff\u002f3u9N+a\u002fvvD6b+\u002fhv77G+m\u002ff4T+1d\u002ffzV\u002fj1\u002fg1fol\u002f9df8
NX6NnyGKV7\u002fGkmb87\u002fpr9H8GgX\u002f9Tf5LAzV1ziwa00pjDFJaz5z\u002ffgs0BgeXPMK3FacaWtgZwHkEdXlChU0
2fYreOaf2Nf0n35eEHYd19fTOMPdGjFq\u002f\u002fjUygrbiT1P7bvprHNOBLfU75W9CyPLt9NeY0\u002ffexjNdr+
jftz6Tta8W50b+f0d+mj4oxf0Y\u002f14TbjFv8mP3P90LdvHnc7q3bjmdoNN2xhCPZNI4v6DfQe2j+UpInh9PtMLldq
7+IpPM1\u002ffzF+Gj9Jn6EN6PL7MGYpjSPjkaWET6UyHxyQos1\u002fwugnNOn+HxMv7\u002f02fklhm\u002fk\u002f
k002f4AxIUobdtCW70Pyv6r6TfVgzFca9tF5LAzV1ziwa00pjDFJaz5z\u002ffgs0BgeXPMK3FacaWtgZwHkEdXlChU0
V8F9XDn36X01g\u002f5L7KUE0Ltk\u002ff6tT0\u002fFHA8\u002ffpCwPpK1\u002fja\u002ftot4Lxe\u002fNrgA\
\u002ffaX6P5NscT\u002f08AAAD\u002ff\u002fw==)\/","PartitionId": "\/Guid(0c37852b-34d0-418e-91c6-
2ac25af4be5b)\/","UrlZone":"","AMENabledManagedProperties":"Path;recommendedfor","ResultTypeI
d":23,"RenderTemplateId":"~sitecollection\u002f_catalogs\u002fmasterpage\u002fDisplay
Templates\u002fSearch\u002fSiteItem.js","piSearchResultId":"2 3 1 0"
},{
"Rank": "0.88831901550293","DocId":200122,"WorkId":null,"Title": "\r\n\t\r\n\tPages - All
Documents\r\n","Author": "Michal
Piasecny","Size":0,"Path": "http:\u002f\u002fcontoso\u002fSiteDirectory\u002fPages\u002fForms
\u002fAllItems.aspx","Description": "This system library was created by the Publishing feature
to store pages that are created in this
```



```

033f87225068\u002fLists\u002fMarketplaceRules\u002fAllItems.aspx<\u002fHHUrl>","contentclass"
:"STS List 331","IsDocument":false,"PictureThumbnailURL":null,"ServerRedirectedURL":null,"Ser
verRedirectedEmbedURL":null,"ServerRedirectedPreviewURL":null,"FileExtension":".aspx","Content
TypeId":null,"ParentLink":"http:\u002f\u002fcontoso\u002fsites\u002fac5e5f64-8f6d-4a10-97b2-
033f87225068","ViewsLifeTime":null,"ViewsRecent":null,"SectionNames":"","SectionIndexes":"","
SiteLogo":null,"SiteDescription":null,"deeplinks":"","importance":0,"OriginalPath":"http:\u00
2f\u002fcontoso\u002fsites\u002fac5e5f64-8f6d-4a10-97b2-
033f87225068\u002fLists\u002fMarketplaceRules\u002fAllItems.aspx","ResultTypeIdList":"17","La
stModifiedTime":null,"DocumentSummarySize":1044,"DocumentSummary":"\Base64Binary(7L0HYBxJliU
mL23Ke39K9Urx4HShCIBgEyTYkEAQ7MGIzeaS7B1pRyMpqqqBymVWZV1mFkDM7Z28995777333nvvvfe60510J\u002ff
f\u002ffz9cZmQbBpOstrJniGAqsqfP358Hz8i\u002fu\u002f\u002f\u002f\u002f\u002fv3+tX+PX+DV+s1\u002ffj1
\u002f\u002fg1f1f4z8NX7TX+PX\u002fTV+21\u002ffj1\u002f41fsdf49f9NX6nX+PX+DV+jV\u002ffj1\u002f41fp1f
49f5NX7s1\u002fh1fo3f5NF4tX6N3\u002ffzX+HV\u002ffjd\u002f21\u002fgNf40f\u002ffzV+3V\u002ffj3\u002
fs1fo1f49f8NX6dX+M3+jv+7Nf4bX6NX\u002fu\u002f\u002f\u002f\u002fAXO+0e\u002fxm\u002f4a4x\u002ffzV\u002f313j4a\u0
02fzav8Zn9PcT+v\u002fnv8av9Wt8hz57Sd\u002fv9vQz+zV+vV\u002ffjgv6\u002f\u002f\u002f\u002f\u002f\u002f\u002f
r3DyEYfyx99qf8Gsmv8RfQ738VfY3Utu\u002ffj75h+jnP04\u002f\u002fyWC9a\u002fR7\u002f80vfmfEMz\u00
02fmH7\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f
u002f31\u002ffhtf81f59f4Nx\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f
\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f
jTP4Qw\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f
0e1rvKXfWnqjPl+m3P7vr7Hmlg39Duh\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f
7SZEtwv6L0ZwT1n\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f
u843GibUFv4idGegPRCF8G01XU53MdY30LcTz1t1OmhuvnC6WEUE1okunPJVNLSmDB4zP0m9PPK\u002f\u002f5uyZ\u002f\u002f
Xb6alzY+PBNReOTbwDp1vg95E3Z2P6\u002ffQ331RE9Z\u002fwT+OTaq2A0Ykrjns1BRi8vuMvF9Gsc61vdN54TnDV9
ir1Mf42v6Dd8g75y7rf5NcC3\u002ff08AAAD\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f\u002f
418e-91c6-
2ac25af4be5b)\/","UrlZone":0,"AAMEEnabledManagedProperties":"Path;recommendedfor","ResultTypeI
d":17,"RenderTemplateId":"~sitecollection\u002f_catalogs\u002fmasterpage\u002fDisplay
Templates\u002fSearch\u002fDefaultItem.js","piSearchResultId":"2_7_1_0"
},{
"Rank":"0.0086822509765625","DocId":200048,"WorkId":null,"Title":"\r\n\tCorporate Catalog -
All
content\r\n","Author":"CONTOSO\MICHAL","Size":0,"Path":"http:\u002f\u002fcontoso\u002fsites\u
002fac5e5f64-8f6d-4a10-97b2-
033f87225068\u002fCorporateCatalog\u002fForms\u002fAllItems.aspx","Description":"Corporate
Catalog","Write":"\/Date(2011,10,15,14,31,14,0)\/","sitename":null,"CollapsingStatus":0,"HitH
ighlightedSummary":"|<c0>Home<\u002ffc0> <ddd\u002f> Corporate Catalog \r\n\u00a0\r\nCorporate
Catalog <ddd\u002f> There are no items to show in this view of the &quot;Corporate
Catalog&quot; list. To add a new item, click &quot;New <ddd\u002f>
","HitHighlightedProperties":"<HHTitle>\r\n\tCorporate Catalog - All
content\r\n<\u002fHHTitle><HHUrl>http:\u002f\u002fcontoso\u002fsites\u002fac5e5f64-8f6d-4a10-
97b2-
033f87225068\u002fCorporateCatalog\u002fForms\u002fAllItems.aspx<\u002fHHUrl>","contentclass"
:"STS List 330","IsDocument":false,"PictureThumbnailURL":null,"ServerRedirectedURL":null,"Ser
verRedirectedEmbedURL":null,"ServerRedirectedPreviewURL":null,"FileExtension":".aspx","Content
TypeId":null,"ParentLink":"http:\u002f\u002fcontoso\u002fsites\u002fac5e5f64-8f6d-4a10-97b2-
033f87225068","ViewsLifeTime":null,"ViewsRecent":null,"SectionNames":"","SectionIndexes":"","
SiteLogo":null,"SiteDescription":null,"deeplinks":"","importance":0,"OriginalPath":"http:\u00
2f\u002fcontoso\u002fsites\u002fac5e5f64-8f6d-4a10-97b2-
033f87225068\u002fCorporateCatalog\u002fForms\u002fAllItems.aspx","ResultTypeIdList":"17","La
stModifiedTime":null,"DocumentSummarySize":1092,"DocumentSummary":"\Base64Binary(7L0HYBxJliU
mL23Ke39K9Urx4HShCIBgEyTYkEAQ7MGIzeaS7B1pRyMpqqqBymVWZV1mFkDM7Z28995777333nvvvfe60510J\u002ff
f\u002ffz9cZmQbBpOstrJniGAqsqfP358Hz8i\u002fu\u002f\u002f\u002f\u002f\u002fv3+tX+PX+DV+s1\u002ffj1
\u002f\u002fg1f1f48d+jd\u002f41\u002ffj1f43f9t4f4tX+N3\u002f\u002f\u002f\u002f\u002f\u002f\u002f
j+TV+\u002fv\u002ffj\u002ffglfp1f47f9NX6tX+N3+DV+3V8j\u002ffTWSX+OTX+PX+TX+s1\u002ffj1\u002ffglfs
1f49f5NX6jX+PHfo3f5tf49X+NXOC\u002ff0S\u002ffj+3h\u002ffTzhH7+XvTZy1\u002ffj1\u002ffo1Xv8av+6v8f
v8GsmvMaO\u002ff57\u002ffGr\u002ffdrLON\u002ff61\u002ffjN\u002ff1\u002ffglfumv8Wv\u002ffGn8Itfujqf2fQp\u002f
92dTMl6ff\u002ff0b670+gd\u002ff7ex+M3\u002ffDX+Sfr5z9HPF5Pe\u002ffXfPnf+M4P0X9N1\u002ffR+\u002ff+T\u
002ffT7L6PffxX9\u002ffD\u002ffo+1\u002ffz1\u002ffylfo1f59f8dX6NH6P\u002ff\u002ffyb0+2\u002ff+a\u002ff
7av8Zv82v+2K+R\u002ffpq\u002ff\u002ffq9xhz67S5\u002ff0Wef\u002ffpq\u002ff5q9xQD8f02dPfs1f99c4o9+\u
002ffo\u002ff\u002ffBP3\u002ffK\u002ffrs9\u002ffk1f71f4w+gn\u002ffmv+ev+Go9\u002ffjV\u002ffj1\u002ffgl
qI9f10b3EWE\u002ff02ff+YxhPEfTRj\u002ffKYTL130FY\u002ff2fE4T9HGP6bhOG\u002ffS9j9F7\u002ff81\u002ffz+a\u
002ff5+9B\u002ffP\u002ff1r\u002ffhq\u002ffxq\u002ffxa\u002ffz0r\u002fflr\u002ffBo\u002ff82t8+9e0fo3Fr5
H\u002ffGr8xjLH7H8n9Gn9a6z43+zXaOn79NF4nH4r6b+cPrumv1\u002ff\u002ffGgV\u002ffE2t7r+hffVrXNDFgP4
X8b+3ab3+NRr6fEa\u002fftrJsn+13D7nXufUER+\u002ffM8KGNvLnx4TxBw1e02f49sptfqcVp9Ri3PGFhBb+g9yXN
BfKbvch9TaldSnvw6\u002ffk1nLOLcchN0285ffI0QTin36fc\u002ff+mV8Y6xRtuC3sTP240LkDGShjAD9Lm0Yq+z
RT2K8Ki5D6fctspU8L18wVDz72RAUOM4QmN8Q2NoefvU4aPn0umn8zTgkdtKDqnn1f83ZI\u002ffnXOP6a9xyTDXw5
RtA+ugWI\u002ffYIP1l11GP6\u002ffQ331RGGM\u002ff4JfHLtVTAAmF3xzpTogV5ecIu\u002ffIGZU3uq+8Zzgr01TzH
D6a3xFv+Eb9JVz8v2vAd7+fwIAAP\u002ff\u002f)\/","PartitionId":"\/Guid(0c37852b-34d0-418e-91c6-

```



```

}, {
  "RefinerName": "contentclass", "DisplayName": "", "Type": "String", "Modifier": "contentclass", "Score": "1.81573295593262", "UniqueCount": 0, "HitCount": 12, "NonZeroCount": 12, "Ratio": "1", "Min": "0", "Max": "0", "Mean": "0", "Entropy": "1.8157329752657", "Sum": "0", "RefinementName": "STS_Web", "RefinementValue": "STS_Web", "RefinementToken": "equals(\\\"STS_Web\\\")", "RefinementCount": 2, "PartitionId": "\\/Guid(0c37852b-34d0-418e-91c6-2ac25af4be5b)\\/","UrlZone": 0, "AAMEnabledManagedProperties": "Path;recommendedfor", "RenderTemplateId": "~sitecollection\\u002f_catalogs\\u002fmasterpage\\u002fDisplayTemplates\\u002fSearch\\u002fDefaultItem.js"
}, {
  "RefinerName": "contentclass", "DisplayName": "", "Type": "String", "Modifier": "contentclass", "Score": "1.81573295593262", "UniqueCount": 0, "HitCount": 12, "NonZeroCount": 12, "Ratio": "1", "Min": "0", "Max": "0", "Mean": "0", "Entropy": "1.8157329752657", "Sum": "0", "RefinementName": "STS_List_331", "RefinementValue": "STS_List_331", "RefinementToken": "equals(\\\"STS_List_331\\\")", "RefinementCount": 1, "PartitionId": "\\/Guid(0c37852b-34d0-418e-91c6-2ac25af4be5b)\\/","UrlZone": 0, "AAMEnabledManagedProperties": "Path;recommendedfor", "RenderTemplateId": "~sitecollection\\u002f_catalogs\\u002fmasterpage\\u002fDisplayTemplates\\u002fSearch\\u002fDefaultItem.js"
}, {
  "RefinerName": "contentclass", "DisplayName": "", "Type": "String", "Modifier": "contentclass", "Score": "1.81573295593262", "UniqueCount": 0, "HitCount": 12, "NonZeroCount": 12, "Ratio": "1", "Min": "0", "Max": "0", "Mean": "0", "Entropy": "1.8157329752657", "Sum": "0", "RefinementName": "STS_List_332", "RefinementValue": "STS_List_332", "RefinementToken": "equals(\\\"STS_List_332\\\")", "RefinementCount": 1, "PartitionId": "\\/Guid(0c37852b-34d0-418e-91c6-2ac25af4be5b)\\/","UrlZone": 0, "AAMEnabledManagedProperties": "Path;recommendedfor", "RenderTemplateId": "~sitecollection\\u002f_catalogs\\u002fmasterpage\\u002fDisplayTemplates\\u002fSearch\\u002fDefaultItem.js"
}, {
  "RefinerName": "contentclass", "DisplayName": "", "Type": "String", "Modifier": "contentclass", "Score": "1.81573295593262", "UniqueCount": 0, "HitCount": 12, "NonZeroCount": 12, "Ratio": "1", "Min": "0", "Max": "0", "Mean": "0", "Entropy": "1.8157329752657", "Sum": "0", "RefinementName": "STS_List_Contacts", "RefinementValue": "STS_List_Contacts", "RefinementToken": "equals(\\\"STS_List_Contacts\\\")", "RefinementCount": 1, "PartitionId": "\\/Guid(0c37852b-34d0-418e-91c6-2ac25af4be5b)\\/","UrlZone": 0, "AAMEnabledManagedProperties": "Path;recommendedfor", "RenderTemplateId": "~sitecollection\\u002f_catalogs\\u002fmasterpage\\u002fDisplayTemplates\\u002fSearch\\u002fDefaultItem.js"
}, {
  "RefinerName": "Author", "DisplayName": "", "Type": "String", "Modifier": "Author", "Score": "1.21705436706543", "UniqueCount": 0, "HitCount": 12, "NonZeroCount": 12, "Ratio": "1", "Min": "0", "Max": "0", "Mean": "0", "Entropy": "1.21705436319777", "Sum": "0", "RefinementName": "CONTOSO\\MICHAL", "RefinementValue": "CONTOSO\\MICHAL", "RefinementToken": "equals(\\\"CONTOSO\\MICHAL\\\")", "RefinementCount": 6, "PartitionId": "\\/Guid(0c37852b-34d0-418e-91c6-2ac25af4be5b)\\/","UrlZone": 0, "AAMEnabledManagedProperties": "Path;recommendedfor", "RenderTemplateId": "~sitecollection\\u002f_catalogs\\u002fmasterpage\\u002fDisplayTemplates\\u002fSearch\\u002fDefaultItem.js"
}, {
  "RefinerName": "Author", "DisplayName": "", "Type": "String", "Modifier": "Author", "Score": "1.21705436706543", "UniqueCount": 0, "HitCount": 12, "NonZeroCount": 12, "Ratio": "1", "Min": "0", "Max": "0", "Mean": "0", "Entropy": "1.21705436319777", "Sum": "0", "RefinementName": "Michal Piaseczny", "RefinementValue": "Michal Piaseczny", "RefinementToken": "equals(\\\"Michal Piaseczny\\\")", "RefinementCount": 5, "PartitionId": "\\/Guid(0c37852b-34d0-418e-91c6-2ac25af4be5b)\\/","UrlZone": 0, "AAMEnabledManagedProperties": "Path;recommendedfor", "RenderTemplateId": "~sitecollection\\u002f_catalogs\\u002fmasterpage\\u002fDisplayTemplates\\u002fSearch\\u002fDefaultItem.js"
}, {
  "RefinerName": "Author", "DisplayName": "", "Type": "String", "Modifier": "Author", "Score": "1.21705436706543", "UniqueCount": 0, "HitCount": 12, "NonZeroCount": 12, "Ratio": "1", "Min": "0", "Max": "0", "Mean": "0", "Entropy": "1.21705436319777", "Sum": "0", "RefinementName": " | Michal Piaseczny | CONTOSO\\Michal", "RefinementValue": " | Michal Piaseczny | CONTOSO\\Michal", "RefinementToken": "equals(\\\" | Michal Piaseczny | CONTOSO\\Michal\\\")", "RefinementCount": 2, "PartitionId": "\\/Guid(0c37852b-34d0-418e-91c6-2ac25af4be5b)\\/","UrlZone": 0, "AAMEnabledManagedProperties": "Path;recommendedfor", "RenderTemplateId": "~sitecollection\\u002f_catalogs\\u002fmasterpage\\u002fDisplayTemplates\\u002fSearch\\u002fDefaultItem.js"
}, {
  "RefinerName": "Author", "DisplayName": "", "Type": "String", "Modifier": "Author", "Score": "1.21705436706543", "UniqueCount": 0, "HitCount": 12, "NonZeroCount": 12, "Ratio": "1", "Min": "0", "Max": "0", "Mean": "0", "Entropy": "1.21705436319777", "Sum": "0", "RefinementName": "Office Automation Limited Client", "RefinementValue": "Office Automation Limited

```

```
Client","RefinementToken":"equals(\Office Automation Limited
Client\)", "RefinementCount":1, "PartitionId":"\Guid(0c37852b-34d0-418e-91c6-
2ac25af4be5b)\", "UrlZone":0, "AAMEnabledManagedProperties":"Path;recommendedfor", "RenderTempl
ateId":"~sitecollection\u002f_catalogs\u002fmasterpage\u002fDisplay
Templates\u002fSearch\u002fDefaultItem.js"
}, {
"RefinerName":"FormatId", "DisplayName":"","Type":"String", "Modifier":"FormatId", "Score":0, "
UniqueCount":0, "HitCount":12, "NonZeroCount":12, "Ratio":1, "Min":0, "Max":0, "Mean":0, "En
tropy":0, "Sum":0, "RefinementName":"html", "RefinementValue":"html", "RefinementToken":"equa
ls(\html)", "RefinementCount":12, "PartitionId":"\Guid(0c37852b-34d0-418e-91c6-
2ac25af4be5b)\", "UrlZone":0, "AAMEnabledManagedProperties":"Path;recommendedfor", "RenderTempl
ateId":"~sitecollection\u002f_catalogs\u002fmasterpage\u002fDisplay
Templates\u002fSearch\u002fDefaultItem.js"
}, {
"RefinerName":"LastModifiedTime", "DisplayName":"","Type":"DateTime", "Modifier":"LastModifiedT
ime", "Score":0, "UniqueCount":0, "HitCount":12, "NonZeroCount":12, "Ratio":1, "Min":980669858
332000000, "Max":980669863308000000, "Mean":980669860249000000, "Entropy":0, "Sum":117
68038322988000000, "RefinementName":"Before 2010-11-17T08:00:00Z", "RefinementValue":"Before
2010-11-17T08:00:00Z", "RefinementCount":0, "PartitionId":"\Guid(0c37852b-34d0-418e-91c6-
2ac25af4be5b)\", "UrlZone":0, "AAMEnabledManagedProperties":"Path;recommendedfor", "RenderTempl
ateId":"~sitecollection\u002f_catalogs\u002fmasterpage\u002fDisplay
Templates\u002fSearch\u002fDefaultItem.js"
}, {
"RefinerName":"LastModifiedTime", "DisplayName":"","Type":"DateTime", "Modifier":"LastModifiedT
ime", "Score":0, "UniqueCount":0, "HitCount":12, "NonZeroCount":12, "Ratio":1, "Min":980669858
332000000, "Max":980669863308000000, "Mean":980669860249000000, "Entropy":0, "Sum":117
68038322988000000, "RefinementName":"From 2010-11-17T08:00:00Z up to 2011-05-
21T07:00:00Z", "RefinementValue":"From 2010-11-17T08:00:00Z up to 2011-05-
21T07:00:00Z", "RefinementToken":"range(2010-11-17T08:00:00Z, 2011-05-
21T07:00:00Z)", "RefinementCount":0, "PartitionId":"\Guid(0c37852b-34d0-418e-91c6-
2ac25af4be5b)\", "UrlZone":0, "AAMEnabledManagedProperties":"Path;recommendedfor", "RenderTempl
ateId":"~sitecollection\u002f_catalogs\u002fmasterpage\u002fDisplay
Templates\u002fSearch\u002fDefaultItem.js"
}, {
"RefinerName":"LastModifiedTime", "DisplayName":"","Type":"DateTime", "Modifier":"LastModifiedT
ime", "Score":0, "UniqueCount":0, "HitCount":12, "NonZeroCount":12, "Ratio":1, "Min":980669858
332000000, "Max":980669863308000000, "Mean":980669860249000000, "Entropy":0, "Sum":117
68038322988000000, "RefinementName":"From 2011-05-21T07:00:00Z up to 2011-10-
18T07:00:00Z", "RefinementValue":"From 2011-05-21T07:00:00Z up to 2011-10-
18T07:00:00Z", "RefinementToken":"range(2011-05-21T07:00:00Z, 2011-10-
18T07:00:00Z)", "RefinementCount":0, "PartitionId":"\Guid(0c37852b-34d0-418e-91c6-
2ac25af4be5b)\", "UrlZone":0, "AAMEnabledManagedProperties":"Path;recommendedfor", "RenderTempl
ateId":"~sitecollection\u002f_catalogs\u002fmasterpage\u002fDisplay
Templates\u002fSearch\u002fDefaultItem.js"
}, {
"RefinerName":"LastModifiedTime", "DisplayName":"","Type":"DateTime", "Modifier":"LastModifiedT
ime", "Score":0, "UniqueCount":0, "HitCount":12, "NonZeroCount":12, "Ratio":1, "Min":980669858
332000000, "Max":980669863308000000, "Mean":980669860249000000, "Entropy":0, "Sum":117
68038322988000000, "RefinementName":"From 2011-10-18T07:00:00Z up to 2011-11-
10T08:00:00Z", "RefinementValue":"From 2011-10-18T07:00:00Z up to 2011-11-
10T08:00:00Z", "RefinementToken":"range(2011-10-18T07:00:00Z, 2011-11-
10T08:00:00Z)", "RefinementCount":0, "PartitionId":"\Guid(0c37852b-34d0-418e-91c6-
2ac25af4be5b)\", "UrlZone":0, "AAMEnabledManagedProperties":"Path;recommendedfor", "RenderTempl
ateId":"~sitecollection\u002f_catalogs\u002fmasterpage\u002fDisplay
Templates\u002fSearch\u002fDefaultItem.js"
}, {
"RefinerName":"LastModifiedTime", "DisplayName":"","Type":"DateTime", "Modifier":"LastModifiedT
ime", "Score":0, "UniqueCount":0, "HitCount":12, "NonZeroCount":12, "Ratio":1, "Min":980669858
332000000, "Max":980669863308000000, "Mean":980669860249000000, "Entropy":0, "Sum":117
68038322988000000, "RefinementName":"From 2011-11-10T08:00:00Z up to 2011-11-
17T08:00:00Z", "RefinementValue":"From 2011-11-10T08:00:00Z up to 2011-11-
17T08:00:00Z", "RefinementToken":"range(2011-11-10T08:00:00Z, 2011-11-
17T08:00:00Z)", "RefinementCount":12, "PartitionId":"\Guid(0c37852b-34d0-418e-91c6-
2ac25af4be5b)\", "UrlZone":0, "AAMEnabledManagedProperties":"Path;recommendedfor", "RenderTempl
ateId":"~sitecollection\u002f_catalogs\u002fmasterpage\u002fDisplay
Templates\u002fSearch\u002fDefaultItem.js"
}, {
"RefinerName":"LastModifiedTime", "DisplayName":"","Type":"DateTime", "Modifier":"LastModifiedT
ime", "Score":0, "UniqueCount":0, "HitCount":12, "NonZeroCount":12, "Ratio":1, "Min":980669858
```

```

3320000000", "Max": "9806698633080000000", "Mean": "9806698602490000000", "Entropy": "0", "Sum": "117
680383229880000000", "RefinementName": "2011-11-17T08:00:00Z or later", "RefinementValue": "2011-
11-17T08:00:00Z or later", "RefinementToken": "range(2011-11-17T08:00:00Z, max,
to=\\"le\\")", "RefinementCount": 0, "PartitionId": "\\/Guid(0c37852b-34d0-418e-91c6-
2ac25af4be5b)\/", "UrlZone": 0, "AAMEnabledManagedProperties": "Path;recommendedfor", "RenderTempl
ateId": "~sitecollection\u002f_catalogs\u002fmasterpage\u002fDisplay
Templates\u002fSearch\u002fDefaultItem.js"
}
], "ResultTitle": null, "ResultTitleUrl": null, "RowCount": 18, "TableType": "RefinementResults", "Tot
alRows": 11
}, {
  "_ObjectType_": "Microsoft.SharePoint.Client.Search.Query.ResultTable", "GroupTemplateId": null,
  "ItemTemplateId": null, "Properties": {
    "QueryModification": "home", "RenderTemplateId": "~sitecollection\u002f_catalogs\u002fmasterpage
\u002fDisplay Templates\u002fSearch\u002fDefaultGroup.js"
  }, "QueryId": "PersonalFavorite Query", "QueryRuleId": "00000000-0000-0000-0000-000000000000",
  "ResultRows": [

], "ResultTitle": "PERSONAL
FAVORITES", "ResultTitleUrl": null, "RowCount": 0, "TableType": "PersonalFavoriteResults", "TotalRow
s": 0
}
]
}, 258, {
  "HasException": false, "ErrorInfo": null
}
]

```

5 Security

5.1 Security Considerations for Implementers

None.

5.2 Index of Security Parameters

None.

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
- Microsoft SharePoint Server 2013
- Microsoft SharePoint Server 2016

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

This section identifies changes that were made to this document since the last release. Changes are classified as New, Major, Minor, Editorial, or No change.

The revision class **New** means that a new document is being released.

The revision class **Major** means that the technical content in the document was significantly revised. Major changes affect protocol interoperability or implementation. Examples of major changes are:

- A document revision that incorporates changes to interoperability requirements or functionality.
- The removal of a document from the documentation set.

The revision class **Minor** means that the meaning of the technical content was clarified. Minor changes do not affect protocol interoperability or implementation. Examples of minor changes are updates to clarify ambiguity at the sentence, paragraph, or table level.

The revision class **Editorial** means that the formatting in the technical content was changed. Editorial changes apply to grammatical, formatting, and style issues.

The revision class **No change** means that no new technical changes were introduced. Minor editorial and formatting changes may have been made, but the technical content of the document is identical to the last released version.

Major and minor changes can be described further using the following change types:

- New content added.
- Content updated.
- Content removed.
- New product behavior note added.
- Product behavior note updated.
- Product behavior note removed.
- New protocol syntax added.
- Protocol syntax updated.
- Protocol syntax removed.
- New content added due to protocol revision.
- Content updated due to protocol revision.
- Content removed due to protocol revision.
- New protocol syntax added due to protocol revision.
- Protocol syntax updated due to protocol revision.
- Protocol syntax removed due to protocol revision.
- Obsolete document removed.

Editorial changes are always classified with the change type **Editorially updated**.

Some important terms used in the change type descriptions are defined as follows:

- **Protocol syntax** refers to data elements (such as packets, structures, enumerations, and methods) as well as interfaces.
- **Protocol revision** refers to changes made to a protocol that affect the bits that are sent over the wire.

The changes made to this document are listed in the following table. For more information, please contact dochelp@microsoft.com.

Section	Tracking number (if applicable) and description	Major change (Y or N)	Change type
3.1.5.44.2.1.2 DeleteAllCloudHybridSearchContent	Added a new section for this method.	Y	New content added.

8 Index

A

Abstract data model
[server](#) 20
[Applicability](#) 18

C

[Capability negotiation](#) 18
[Change tracking](#) 110
[Common Exceptions message](#) 19

D

Data model - abstract
[server](#) 20

E

Examples
[Search for the keyword 'home'](#) 91

F

[Fields - vendor-extensible](#) 18

G

[Glossary](#) 14

H

Higher-layer triggered events
[server](#) 20

I

[Implementer - security considerations](#) 108
[Index of security parameters](#) 108
[Informative references](#) 17
Initialization
[server](#) 20
[Introduction](#) 14

M

Messages
[Common Exceptions](#) 19
[Namespaces](#) 19
[transport](#) 19

N

[Namespaces message](#) 19
[Normative references](#) 16

O

Other local events
[server](#) 90

[Overview \(synopsis\)](#) 17

P

[Parameters - security index](#) 108
[Preconditions](#) 18
[Prerequisites](#) 18
[Product behavior](#) 109

R

[References](#) 16
[informative](#) 17
[normative](#) 16
[Relationship to other protocols](#) 17

S

[Search for the keyword 'home' example](#) 91
Security
[implementer considerations](#) 108
[parameter index](#) 108
Server
[abstract data model](#) 20
[higher-layer triggered events](#) 20
[initialization](#) 20
[other local events](#) 90
[timer events](#) 90
[timers](#) 20
[Standards assignments](#) 18

T

Timer events
[server](#) 90
Timers
[server](#) 20
[Tracking changes](#) 110
[Transport](#) 19
Triggered events - higher-layer
[server](#) 20

V

[Vendor-extensible fields](#) 18
[Versioning](#) 18