
MSN Search Service Web Service

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MSN Search Service Web Service

Type

SOAP

Style

Document

See Also

Methods | Complex Types | Simple Types | Elements

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Methods: MSN Search Service

Methods

Name
Search

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Method: Search

Action

<http://schemas.microsoft.com/MSNSearch/2005/09/fex/Search>

Style

Document

Input (Literal)

Element tns:Search having the structure defined by the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Request	tns:SearchRequest	1..1

Output (Literal)

Element tns:SearchResponse having the structure defined by the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Response	tns:SearchResponse	1..1

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Complex Types: MSN Search Service

Complex Types

Name
tns:Address
tns:ArrayOfResultResults
tns:ArrayOfSearchTagSearchTagsArray
tns:ArrayOfSourceRequestRequests
tns:ArrayOfSourceResponseResponses
tns:ArrayOfstringSearchTagFilters
tns:DateTime
tns:Image
tns:Location
tns:Result
tns:SearchConstants
tns:SearchRequest
tns:SearchResponse
tns:SearchTag
tns:SourceRequest
tns:SourceResponse

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Complex Type: tns:Address

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:AddressLine	xsd:string	0..1
tns:PrimaryCity	xsd:string	0..1
tns:SecondaryCity	xsd:string	0..1
tns:Subdivision	xsd:string	0..1
tns:PostalCode	xsd:string	0..1
tns:CountryRegion	xsd:string	0..1
tns:FormattedAddress	xsd:string	0..1

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Complex Type: tns:ArrayOfResultResults

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Result	tns:Result	0..*

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Complex Type: tns:ArrayOfSearchTagSearchTagsArray

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:SearchTag	tns:SearchTag	0..*

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Complex Type: tns:ArrayOfSourceRequestRequests

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:SourceRequest	tns:SourceRequest	0..*

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Complex Type: tns:ArrayOfSourceResponseResponses

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:SourceResponse	tns:SourceResponse	0..*

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Complex Type: tns:ArrayOfstringSearchTagFilters

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:string	xsd:string	0..*

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Complex Type: tns:DateTime

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Year	xsd:int	1..1
tns:Month	xsd:int	1..1
tns:Day	xsd:int	1..1
tns:Hour	xsd:int	1..1
tns:Minute	xsd:int	1..1
tns:Second	xsd:int	1..1

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Complex Type: tns:Image

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:ImageURL	xsd:string	0..1
tns:ImageWidth	xsd:int	0..1
tns:ImageHeight	xsd:int	0..1
tns:ImageFileSize	xsd:int	0..1
tns:ThumbnailURL	xsd:string	0..1
tns:ThumbnailWidth	xsd:int	0..1
tns:ThumbnailHeight	xsd:int	0..1
tns:ThumbnailFileSize	xsd:int	0..1

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Complex Type: tns:Location

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Latitude	xsd:double	1..1
tns:Longitude	xsd:double	1..1
tns:Radius	xsd:double	0..1

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Complex Type: tns:Result

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Title	xsd:string	0..1
tns:Description	xsd:string	0..1
tns:Url	xsd:string	0..1
tns:DisplayUrl	xsd:string	0..1
tns:CacheUrl	xsd:string	0..1
tns:Source	xsd:string	0..1
tns:SearchTags	xsd:string	0..1
tns:Phone	xsd:string	0..1
tns:DateTime	tns:DateTime	0..1
tns:Address	tns:Address	0..1
tns:Location	tns:Location	0..1
tns:SearchTagsArray	tns:ArrayOfSearchTagSearchTagsArray	0..1
tns:Summary	xsd:string	0..1
tns:ResultType	xsd:string	0..1
tns:Image	tns:Image	0..1

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Complex Type: tns:SearchConstants

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:MarkBegin	xsd:string	0..1
tns:MarkEnd	xsd:string	0..1

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Complex Type: tns:SearchRequest

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:AppID	xsd:string	1..1
tns:Query	xsd:string	1..1
tns:CultureInfo	xsd:string	1..1
tns:SafeSearch	tns:SafeSearchOptions	1..1
tns:Flags	tns:SearchFlags	1..1
tns:Location	tns:Location	0..1
tns:Requests	tns:ArrayOfSourceRequestRequests	1..1

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Complex Type: tns:SearchResponse

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Responses	tns:ArrayOfSourceResponseResponses	1..1

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Complex Type: tns:SearchTag

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Name	xsd:string	1..1
tns:Value	xsd:string	1..1

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Complex Type: tns:SourceRequest

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Source	tns:SourceType	1..1
tns:Offset	xsd:int	1..1
tns:Count	xsd:int	1..1
tns:FileType	xsd:string	0..1
tns:SortBy	tns:SortByType	0..1
tns:ResultFields	tns:ResultFieldMask	1..1
tns:SearchTagFilters	tns:ArrayOfstringSearchTagFilters	0..1

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Complex Type: tns:SourceResponse

Derived By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Source	tns:SourceType	1..1
tns:Offset	xsd:int	1..1
tns:Total	xsd:int	1..1
tns:Results	tns:ArrayOfResultResults	1..1

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Simple Types: MSN Search Service

Simple Types

Name
tns:ResultFieldMask
tns:SafeSearchOptions
tns:SearchFlags
tns:SortByType
tns:SourceType

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Simple Type: tns:ResultFieldMask

Derived By

List xsd:anySimpleType

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Simple Type: tns:SafeSearchOptions

Derived By

Restricting xsd:string

Enumeration

Value	Description
Moderate	
Strict	
Off	

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Simple Type: tns:SearchFlags

Derived By

List xsd:anySimpleType

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Simple Type: tns:SortByType

Derived By

List xsd:anySimpleType

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Simple Type: tns:SourceType

Derived By

Restricting xsd:string

Enumeration

Value	Description
Web	
News	
Ads	
InlineAnswers	
PhoneBook	
WordBreaker	
Spelling	
QueryLocation	
Image	

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Elements: MSN Search Service

Elements

Name
tns:Address [type tns:Result]
tns:AddressLine [type tns:Address]
tns:AppID [type tns:SearchRequest]
tns:CacheUrl [type tns:Result]
tns:Count [type tns:SourceRequest]
tns:CountryRegion [type tns:Address]
tns:CultureInfo [type tns:SearchRequest]
tns:DateTime [type tns:Result]
tns:Day [type tns:DateTime]
tns:Description [type tns:Result]
tns:DisplayUrl [type tns:Result]
tns:FileType [type tns:SourceRequest]
tns:Flags [type tns:SearchRequest]
tns:FormattedAddress [type tns:Address]
tns:Hour [type tns:DateTime]
tns:Image [type tns:Result]
tns:ImageFileSize [type tns:Image]
tns:ImageHeight [type tns:Image]
tns:ImageURL [type tns:Image]
tns:ImageWidth [type tns:Image]
tns:Latitude [type tns:Location]
tns:Location [type tns:SearchRequest]
tns:Location [type tns:Result]
tns:Longitude [type tns:Location]
tns:MarkBegin [type tns:SearchConstants]
tns:MarkEnd [type tns:SearchConstants]
tns:Minute [type tns:DateTime]
tns:Month [type tns:DateTime]
tns:Name [type tns:SearchTag]
tns:Offset [type tns:SourceResponse]
tns:Offset [type tns:SourceRequest]
tns:Phone [type tns:Result]
tns:PostalCode [type tns:Address]
tns:PrimaryCity [type tns:Address]
tns:Query [type tns:SearchRequest]
tns:Radius [type tns:Location]

tns:Request [element tns:Search]
tns:Requests [type tns:SearchRequest]
tns:Response [element tns:SearchResponse]
tns:Responses [type tns:SearchResponse]
tns:Result [type tns:ArrayOfResultResults]
tns:ResultFields [type tns:SourceRequest]
tns:Results [type tns:SourceResponse]
tns:ResultType [type tns:Result]
tns:SafeSearch [type tns:SearchRequest]
tns:Search
tns:SearchResponse
tns:SearchTag [type tns:ArrayOfSearchTagSearchTagsArray]
tns:SearchTagFilters [type tns:SourceRequest]
tns:SearchTags [type tns:Result]
tns:SearchTagsArray [type tns:Result]
tns:Second [type tns:DateTime]
tns:SecondaryCity [type tns:Address]
tns:SortBy [type tns:SourceRequest]
tns:Source [type tns:SourceRequest]
tns:Source [type tns:SourceResponse]
tns:Source [type tns:Result]
tns:SourceRequest [type tns:ArrayOfSourceRequestRequests]
tns:SourceResponse [type tns:ArrayOfSourceResponseResponses]
tns:string [type tns:ArrayOfstringSearchTagFilters]
tns:Subdivision [type tns:Address]
tns:Summary [type tns:Result]
tns:ThumbnailFileSize [type tns:Image]
tns:ThumbnailHeight [type tns:Image]
tns:ThumbnailURL [type tns:Image]
tns:ThumbnailWidth [type tns:Image]
tns:Title [type tns:Result]
tns:Total [type tns:SourceResponse]
tns:Url [type tns:Result]
tns:Value [type tns:SearchTag]
tns:Year [type tns:DateTime]

Element: tns:Address [type tns:Result]

Defined By

Type tns:Address

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:AddressLine	xsd:string	0..1
tns:PrimaryCity	xsd:string	0..1
tns:SecondaryCity	xsd:string	0..1
tns:Subdivision	xsd:string	0..1
tns:PostalCode	xsd:string	0..1
tns:CountryRegion	xsd:string	0..1
tns:FormattedAddress	xsd:string	0..1

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Element: tns:AddressLine [type tns:Address]

Defined By

Type xsd:string

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Element: tns:AppID [type tns:SearchRequest]

Defined By

Type xsd:string

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Element: tns:CacheUrl [type tns:Result]

Defined By

Type xsd:string

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Element: tns:Count [type tns:SourceRequest]

Defined By

Type xsd:int

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Element: tns:CountryRegion [type tns:Address]

Defined By

Type xsd:string

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Element: tns:CultureInfo [type tns:SearchRequest]

Defined By

Type xsd:string

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Element: tns:DateTime [type tns:Result]

Defined By

Type tns:DateTime

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Year	xsd:int	1..1
tns:Month	xsd:int	1..1
tns:Day	xsd:int	1..1
tns:Hour	xsd:int	1..1
tns:Minute	xsd:int	1..1
tns:Second	xsd:int	1..1

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Element: tns:Day [type tns:DateTime]

Defined By

Type xsd:int

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Element: tns:Description [type tns:Result]

Defined By

Type xsd:string

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Element: tns:DisplayUrl [type tns:Result]

Defined By

Type xsd:string

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Element: tns:FileType [type tns:SourceRequest]

Defined By

Type xsd:string

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Element: tns:Flags [type tns:SearchRequest]

Defined By

Type tns:SearchFlags

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Element: tns:FormattedAddress [type tns:Address]

Defined By

Type xsd:string

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Element: tns:Hour [type tns:DateTime]

Defined By

Type xsd:int

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Element: tns:Image [type tns:Result]

Defined By

Type tns:Image

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:ImageURL	xsd:string	0..1
tns:ImageWidth	xsd:int	0..1
tns:ImageHeight	xsd:int	0..1
tns:ImageFileSize	xsd:int	0..1
tns:ThumbnailURL	xsd:string	0..1
tns:ThumbnailWidth	xsd:int	0..1
tns:ThumbnailHeight	xsd:int	0..1
tns:ThumbnailFileSize	xsd:int	0..1

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Element: tns:ImageFileSize [type tns:Image]

Defined By

Type xsd:int

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Element: tns:ImageHeight [type tns:Image]

Defined By

Type xsd:int

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Element: tns:ImageUrl [type tns:Image]

Defined By

Type xsd:string

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Element: tns:ImageWidth [type tns:Image]

Defined By

Type xsd:int

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Element: tns:Latitude [type tns:Location]

Defined By

Type xsd:double

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Element: tns:Location [type tns:SearchRequest]

Defined By

Type tns:Location

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Latitude	xsd:double	1..1
tns:Longitude	xsd:double	1..1
tns:Radius	xsd:double	0..1

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Element: tns:Location [type tns:Result]

Defined By

Type tns:Location

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Latitude	xsd:double	1..1
tns:Longitude	xsd:double	1..1
tns:Radius	xsd:double	0..1

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Element: tns:Longitude [type tns:Location]

Defined By

Type xsd:double

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Element: tns:MarkBegin [type tns:SearchConstants]

Defined By

Type xsd:string

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Element: tns:MarkEnd [type tns:SearchConstants]

Defined By

Type xsd:string

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Element: tns:Minute [type tns:DateTime]

Defined By

Type xsd:int

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Element: tns:Month [type tns:DateTime]

Defined By

Type xsd:int

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Element: tns:Name [type tns:SearchTag]

Defined By

Type xsd:string

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Element: tns:Offset [type tns:SourceResponse]

Defined By

Type xsd:int

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Element: tns:Offset [type tns:SourceRequest]

Defined By

Type xsd:int

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Element: tns:Phone [type tns:Result]

Defined By

Type xsd:string

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Element: tns:PostalCode [type tns:Address]

Defined By

Type xsd:string

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Element: tns:PrimaryCity [type tns:Address]

Defined By

Type xsd:string

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Element: tns:Query [type tns:SearchRequest]

Defined By

Type xsd:string

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Element: tns:Radius [type tns:Location]

Defined By

Type xsd:double

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Element: tns:Request [element tns:Search]

Defined By

Type tns:SearchRequest

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:AppID	xsd:string	1..1
tns:Query	xsd:string	1..1
tns:CultureInfo	xsd:string	1..1
tns:SafeSearch	tns:SafeSearchOptions	1..1
tns:Flags	tns:SearchFlags	1..1
tns:Location	tns:Location	0..1
tns:Requests	tns:ArrayOfSourceRequestRequests	1..1

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Element: tns:Requests [type tns:SearchRequest]

Defined By

Type tns:ArrayOfSourceRequestRequests

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:SourceRequest	tns:SourceRequest	0..*

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Element: tns:Response [element tns:SearchResponse]

Defined By

Type tns:SearchResponse

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Responses	tns:ArrayOfSourceResponseResponses	1..1

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Element: tns:Responses [type tns:SearchResponse]

Defined By

Type tns:ArrayOfSourceResponseResponses

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:SourceResponse	tns:SourceResponse	0..*

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Element: tns:Result [type tns:ArrayOfResultResults]

Defined By

Type tns:Result

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Title	xsd:string	0..1
tns:Description	xsd:string	0..1
tns:Url	xsd:string	0..1
tns:DisplayUrl	xsd:string	0..1
tns:CacheUrl	xsd:string	0..1
tns:Source	xsd:string	0..1
tns:SearchTags	xsd:string	0..1
tns:Phone	xsd:string	0..1
tns:DateTime	tns:DateTime	0..1
tns:Address	tns:Address	0..1
tns:Location	tns:Location	0..1
tns:SearchTagsArray	tns:ArrayOfSearchTagSearchTagsArray	0..1
tns:Summary	xsd:string	0..1
tns:ResultType	xsd:string	0..1
tns:Image	tns:Image	0..1

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Element: tns:ResultFields [type tns:SourceRequest]

Defined By

Type tns:ResultFieldMask

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Element: tns:Results [type tns:SourceResponse]

Defined By

Type tns:ArrayOfResultResults

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Result	tns:Result	0..*

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Element: tns:ResultType [type tns:Result]

Defined By

Type xsd:string

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Element: tns:SafeSearch [type tns:SearchRequest]

Defined By

Type tns:SafeSearchOptions

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Element: tns:Search

Defined By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Request	tns:SearchRequest	1..1

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Element: tns:SearchResponse

Defined By

Restricting xsd:anyType

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Response	tns:SearchResponse	1..1

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Element: tns:SearchTag [type tns:ArrayOfSearchTagSearchTagsArray]

Defined By

Type tns:SearchTag

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Name	xsd:string	1..1
tns:Value	xsd:string	1..1

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Element: tns:SearchTagFilters [type tns:SourceRequest]

Defined By

Type tns:ArrayOfstringSearchTagFilters

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:string	xsd:string	0..*

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Element: tns:SearchTags [type tns:Result]

Defined By

Type xsd:string

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Element: tns:SearchTagsArray [type tns:Result]

Defined By

Type tns:ArrayOfSearchTagSearchTagsArray

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:SearchTag	tns:SearchTag	0..*

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Element: tns:Second [type tns:DateTime]

Defined By

Type xsd:int

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Element: tns:SecondaryCity [type tns:Address]

Defined By

Type xsd:string

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Element: tns:SortBy [type tns:SourceRequest]

Defined By

Type tns:SortByType

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Element: tns:Source [type tns:SourceRequest]

Defined By

Type tns:SourceType

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Element: tns:Source [type tns:SourceResponse]

Defined By

Type tns:SourceType

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Element: tns:Source [type tns:Result]

Defined By

Type xsd:string

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Element: tns:SourceRequest [type tns:ArrayOfSourceRequestRequests]

Defined By

Type tns:SourceRequest

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Source	tns:SourceType	1..1
tns:Offset	xsd:int	1..1
tns:Count	xsd:int	1..1
tns:FileType	xsd:string	0..1
tns:SortBy	tns:SortByType	0..1
tns:ResultFields	tns:ResultFieldMask	1..1
tns:SearchTagFilters	tns:ArrayOfstringSearchTagFilters	0..1

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Element: tns:SourceResponse [type tns:ArrayOfSourceResponseResponses]

Defined By

Type tns:SourceResponse

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs
SEQUENCE		1..1
tns:Source	tns:SourceType	1..1
tns:Offset	xsd:int	1..1
tns:Total	xsd:int	1..1
tns:Results	tns:ArrayOfResultResults	1..1

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Element: tns:string [type tns:ArrayOfstringSearchTagFilters]

Defined By

Type xsd:string

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Element: tns:Subdivision [type tns:Address]

Defined By

Type xsd:string

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Element: tns:Summary [type tns:Result]

Defined By

Type xsd:string

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Element: tns:ThumbnailFileSize [type tns:Image]

Defined By

Type xsd:int

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Element: tns:ThumbnailHeight [type tns:Image]

Defined By

Type xsd:int

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Element: tns:ThumbnailURL [type tns:Image]

Defined By

Type xsd:string

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Element: tns:ThumbnailWidth [type tns:Image]

Defined By

Type xsd:int

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Element: tns:Title [type tns:Result]

Defined By

Type xsd:string

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Element: tns:Total [type tns:SourceResponse]

Defined By

Type xsd:int

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Element: tns:Url [type tns:Result]

Defined By

Type xsd:string

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Element: tns:Value [type tns:SearchTag]

Defined By

Type xsd:string

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Element: tns:Year [type tns:DateTime]

Defined By

Type xsd:int

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