Microsoft Office Web Discussions Client Objects

Global   ├DiscussionServers (DiscussionServer)
        └Discussions (Discussion)

Legend

  Object and collection
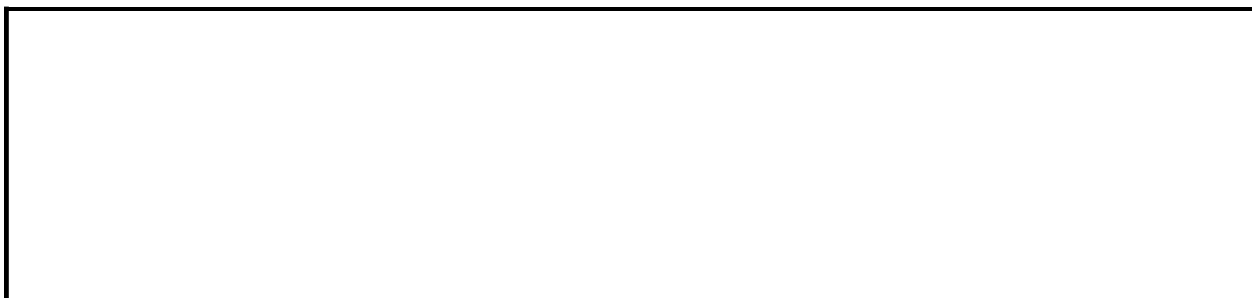 Object only

Returning an Object from a Collection

The **Item** property returns a single object from a collection. The following example sets the dscSupplies variable to a **Discussion** object that represents the first discussion in the **Discussions** collection.

```
Dim dscDiscussions As Discussions
Set dscDiscussions = _
    OpenDiscussions("http://samples.microsoft.com")
Dim dscSupplies As Discussion
Set dscSupplies = dscDiscussions.Item(1)
```

Because the **Item** property is the default property for most collections, you can write the same statement more concisely by omitting the **Item** keyword.

```
Set dscSupplies = dscDiscussions(1)
```

For more information about a specific collection, see the Help topic for the collection or the Help topic for the collection's **Item** property.

Discussion Object

Represents a discussion in the Microsoft Office host application. The **Discussion** object is a member of the **Discussions** collection.

Using the Discussion Object

Use **Discussions**(*Index*), where *Index* is the index number of a discussion, to return a single **Discussion** object. The following example sets the variable `dscOfficeSupplies` to the first discussion in the **Discussions** collection.

```
Set dscOfficeSupplies = dscDiscussions(1)
```

Use the **AutoCommit** property to set or return the status of commit operations, which govern whether changes to properties of a **Discussion** object immediately affect the discussion store. Use the **Commit** method to force the application to save all properties of the current discussion item (including property changes) to the discussion store on the server. The following example checks the value of **AutoCommit** for the specified discussion and, if the property is set to **False**, the example uses the **Commit** method to save changes to the discussion store.

```
If dscDiscussions(1).Discussions(4).AutoCommit = False Then
    dscDiscussions(1).Discussions(4).Commit
End If
```

Use the **Author** property to get the user name of the current discussion's author. Use the **LoginName** property to get the Microsoft Windows NT logon name of the discussion's author. Use the **Timestamp** property to get the date and time that the discussion was created or the date and time of the most recent modification to the discussion. The following example displays the author's name, the date and time of creation or the most recent modification, and the Microsoft Windows NT logon name for the specified discussion .

```
MsgBox dscDiscussions(1).Discussions(5).Author & _
```

```
    " created this discussion at " & _
    dscDiscussions(1).Discussions(5).Timestamp & _
    " while logged in as Windows NT user " & _
    dscDiscussions(1).Discussions(5).LoginName
```

Use the **Discussions** property to return the collection of all discussion items that are replies to the current discussion. The returned collection can also contain a **Discussions** collection composed of replies to a parent discussion, which you can access by using the **Discussions** property for a specific discussion within that collection.

Use the **Subject**, **Text**, and **Bookmark** properties to return or set those elements of the specified discussion.

Discussions Collection

Global ├DiscussionServers (DiscussionServer)
└Discussions (Discussion)

A collection of **Discussion** objects that represent discussions registered in the Microsoft Office host application.

Using the Discussions Collection

Use the **OpenDiscussions** method of the **Global** object to return the **Discussions** collection for the document accessed by the specified Uniform Resource Locator (URL). The following example returns the **Discussions** collection for the folder "http://examples.microsoft.com."

```
Set dscDiscussions = _
    OpenDiscussions("http://examples.microsoft.com")
```

Use the **Add** method to add a new **Discussion** object to the **Discussions** collection. The following example adds a new discussion response to the first **Discussion** object in the collection.

```
Set myResponse = dscDiscussions(1).Discussions.Add _
    Subject:="Supply information", Text:="Staples are here!", Bookma
```

Use the **URL** property to return the URL for the document that contains the specified **Discussions** collection, As shown in the following example.

```
Dim dscDiscussions As Discussions
Set dscDiscussions = OpenDiscussions("http://samples.microsoft.com")
MsgBox dscDiscussions.URL
```

Use **Discussions**(*Index*), where *Index* is the index number of a discussion, to return a single **Discussion** object. The following example sets the variable dscOfficeSupplies to the first discussion in the **Discussions** collection.

```
Set dscOfficeSupplies = dscDiscussions(1)
```

DiscussionServer Object

Global ├DiscussionServers (DiscussionServer)
  └Discussions (Discussion)

Represents a discussion server in the Microsoft Office host application. The **DiscussionServer** object is a member of the **DiscussionServers** collection.

Using the DiscussionServer Object

Use **DiscussionServers**(*Index*), where *Index* is the index number of the specified discussion server, to return a single **DiscussionServer** object. The following example sets the variable dscAccounting to the third server in the **DiscussionServers** collection.

```
Set dscAccounting = dscServers(3)
```

Use the **FriendlyName** property to set or return the friendly name of the specified discussion server. The following example changes the friendly name of the first server in the collection to "Shipping Department Server".

```
dscServers(1).FriendlyName = _
    "Shipping Department Server"
```

Use the **ServerAddress** property to set or return the Uniform Resource Locator (URL) for the specified discussion server. The following example changes the URL of the first server in the collection to "http://example.microsoft.com".

```
dscServers(1).ServerAddress = _
    "http://example.microsoft.com/"
```

Use the **SetAsDefault** method to set the specified discussion server as the default server for the discussions user interface and for all subsequent calls to the global method **OpenDiscussions**. The following example sets the third server in the **DiscussionServers** collection as the default discussion server.

```
dscServers(3).SetAsDefault
```

DiscussionServers Collection

Global ⊢DiscussionServers (DiscussionServer)
⊢Discussions (Discussion)

A collection of **DiscussionServer** objects that represent discussion servers in the Microsoft Office host application.

Using the DiscussionServers Collection

Use the **OpenDiscussions** method of the **Global** object to return the **DiscussionServers** collection for all discussion servers registered on the computer being used. The following example returns the **DiscussionServers** collection and displays a message box showing the number of servers in the collection.

```
Dim dscDiscussionServersCollection As DiscussionServers
Set dscDiscussionServersCollection = DiscussionServers
MsgBox dscDiscussionServersCollection.Count
```

Use the **Add** method to add a new discussion server to the collection. The following example adds a new discussion server with the friendly name "Sample Server" and the Uniform Resource Locator (URL) http://samples.microsoft.com.

```
Dim dscServers As DiscussionServers
Set dscServers = DiscussionServers
dscServers.Add FriendlyName:="Sample Server", _
    ServerAddress:="http://samples.microsoft.com/"
```

Use **DiscussionServers**(*Index*), where *Index* is the index number of the specified discussion server, to return a single **DiscussionServer** object. The following example sets the variable `dscAccounting` to the third server in the **DiscussionServers** collection.

```
Set dscAccounting = dscServers(3)
```

Global Object

Represents an instance of the Microsoft Office Server Extensions (OSE) library. Using the **Global** object, you can add subscriptions to discussion servers, get the name of the current Microsoft Office user, and return the collection of discussion servers or discussions on the OSE host.

Using the Global Object

Use the **CurrentUserName** property to return the name of the current Microsoft Office user. The following example displays a message box containing the name of the current user.

```
MsgBox "The current Microsoft Office user is " & _
    CurrentUserName
```

Use the **OpenDiscussions** method to return the **Discussions** collection for the document specified by the Uniform Resource Locator (URL). The following example returns the **Discussions** collection for the folder http://examples.microsoft.com.

```
Set dscDiscussions = _
    OpenDiscussions("http://examples.microsoft.com")
```

Add Method

Adds a new **Discussion** object to the specifie **Discussions** collection.

expression.**Add**(*Subject*, *Text*, *Bookmark*)

expression   Required. An expression that returns one of the above objects.

Subject Optional **String**. The subject of the specified discussion.

Text Optional **String**. The body text of the specified discussion.

Bookmark Optional **String**. The unique identifier for the position of the specified discussion within the document.

Remarks

The **Author** property for the new discussion is automatically set to the current user name determined by the Microsoft Office host application.

▸ [Add method as it applies to the **DiscussionServers** object.](#)

Adds a new **DiscussionServer** object to the **DiscussionServers** collection.

expression.**Add**(*FriendlyName*, *ServerAddress*)

expression   Required. An expression that returns one of the above objects.

FriendlyName Required **String**. The friendly name of the specified discussion server.

ServerAddress Required **String**. The Uniform Resource Locator (URL) of the specified discussion server.

Remarks

The URL specified in the ***ServerAddress*** argument must contain a trailing slash character, as in the following example, which uses the URL http://samples.microsoft.com.

```
dscServers.Add "Samples Folder", _
    http://samples.microsoft.com/
```

Example

This example adds a new discussion response to the specified **Discussion** object.

```
Set strResponse = dscDiscussions(1).Discussions.Add _
    ("Supply information", "Staples are here!", "Staples")
```

This example adds a new discussion server with the friendly name "Corporate Information Server" and the URL http://samples.microsoft.com.

```
Dim dscServers As DiscussionServers
Set dscServers = DiscussionServers
dscServers.Add "Corporate Information Server", _
    "http://samples.microsoft.com/"
```

Commit Method

Commits all properties of the specified **Discussion** object (including property changes) to the discussion store on the server.

expression.**Commit**

expression   An expression that returns a **Discussion** object.

Example

This example commits all properties (including all property changes) that affect the specified discussion.

```
Dim dscDiscussions As Discussions
Set dscDiscussions = OpenDiscussions(URL:="http://samples.microsoft.
dscDiscussions(1).Discussions(1).Commit
```

Delete Method

Deletes the specified object from the object it's contained in.

expression.**Delete**

expression   An expression that returns a **Discussion** or **DiscussionServer** object.

Remarks

When you use the **Delete** method to remove a discussion item from a **DiscussionServer** object, any replies to the discussion item are automatically promoted to the level of the deleted item.

Example

This example deletes the third discussion item from the **Discussions** collection. Any discussions that are descendants of the affected discussion are promoted to the level of the deleted item.

```
dscCurrentCollection(3).Delete
```

OpenDiscussions Method

Returns the **Discussions** collection for the document specified by the Uniform Resource Locator (URL). Read-only **Object**.

expression.**OpenDiscussions**(*URL*)

expression   An expression that returns a Microsoft Office Server Extensions (OSE) object.

URL Required. A String that represents the URL of the discussion server.

Example

This example returns the **Discussions** collection for the folder
http://examples.microsoft.com.

```
Dim dscDiscussions As Discussions
Set dscDiscussions = _
    OpenDiscussions("http://examples.microsoft.com")
```

SetAsDefault Method

Sets the specified discussion server as the default server for the discussions user interface and for all subsequent calls to the global method **OpenDiscussions**.

expression.**SetAsDefault**

expression   An expression that returns a **DiscussionServer** object.

Remarks

The default discussion server is always the first **DiscussionServer** object in the **DiscussionServers** collection. Using the **SetAsDefault** method reorders the members of the **DiscussionServers** collection so that the default server is in the position referred to by `Item(1)`. Therefore, after calling this method, you should discard any variables that have been set to old **DiscussionServer** objects.

Example

This example sets the third server in the **DiscussionServers** collection as the default discussion server.

```
dscServers(3).SetAsDefault
```

Author Property

Gets the user name of the current discussion item's author. Read-only **String**.

expression.**Author**

expression   Required. An expression that returns a **Discussion** object.

Example

This example sets the boolean value **positiveMatch** to **True** if the **Author** property returns the name "Jim Hance".

```
Dim dscDiscussions As Discussions
Dim positiveMatch As Boolean
Set dscDiscussions = OpenDiscussions("http://samples.microsoft.com")
If dscDiscussions(1).Discussions(2).Author = "Jim Hance" Then
    positiveMatch = True
End If
```

AutoCommit Property

Returns or sets a value that specifies whether changes to properties of the specified **Discussion** object immediately affect the discussion store. Read/write **Boolean**.

expression.**AutoCommit**

expression   Required. An expression that returns a **Discussion** object.

Remarks

If this property is set to **True**, all programmatic changes to individual properties of a **Discussion** object are immediately committed to the discussion store. If it's set to **False**, no property changes are committed to the discussion store until you call the **Commit** method. If you don't call the **Commit** method before ending the session, all pending property changes are lost. The default value is **True**.

For performance reasons, you may want to set the **AutoCommit** property to **False** and use the **Commit** method as appropriate.

Example

This example sets the **AutoCommit** property to **False** for the specified **Discussion** object.

```
Dim dscDiscussions As Discussions
Set dscDiscussions = OpenDiscussions("http://samples.microsoft.com")
dscDiscussions(1).Discussions(1).AutoCommit = False
```

Bookmark Property

Returns or sets a **String** representing the unique identifier for the position of the specified **Discussion** object in the document.

expression.**Bookmark**

expression   Required. An expression that returns a **Discussion** object.

Example

This example sets the specified discussion's bookmark to "Supplies".

```
Dim dscDiscussions As Discussions
Set dscDiscussions = OpenDiscussions("http://samples.microsoft.com")
dscDiscussions(1).Discussions(3).Bookmark = _
    "Supplies"
```

Count Property

Returns the number of items in the specified collection. Read-only **Long**.

Remarks

`Discussions(1).Count` returns the number, or count, of items in the first discussion in the **Discussions** collection. The **Count** property doesn't count recursively, however, and any discussions that are replies to the `Discussion(1)` object aren't included in the count.

Example

This example displays a message box containing the number, or count, of all discussions in the **Discussions** collection.

```
Dim dscDiscussions As Discussions
Set dscDiscussions = _
    OpenDiscussions("http://examples.microsoft.com")
dscDiscussions.Add "Supply room questions", _
    "Did anyone order staples?",
MsgBox dscDiscussions.Count
```

CurrentUserName Property

Returns or sets the name of the current Microsoft Office user. Read\write **String**.

expression.**CurrentUserName**

expression   Required. An expression that returns a **Global** object.

Example

This example displays a message box containing the name of the current Microsoft Office user.

```
MsgBox "The current Microsoft Office user is " & _
    CurrentUserName
```

Discussions Property

Returns the collection of all **Discussion** objects that are replies to the specified **Discussion** object.

expression.**Discussions**

expression   Required. An expression that returns one of the objects in the Applies To list.
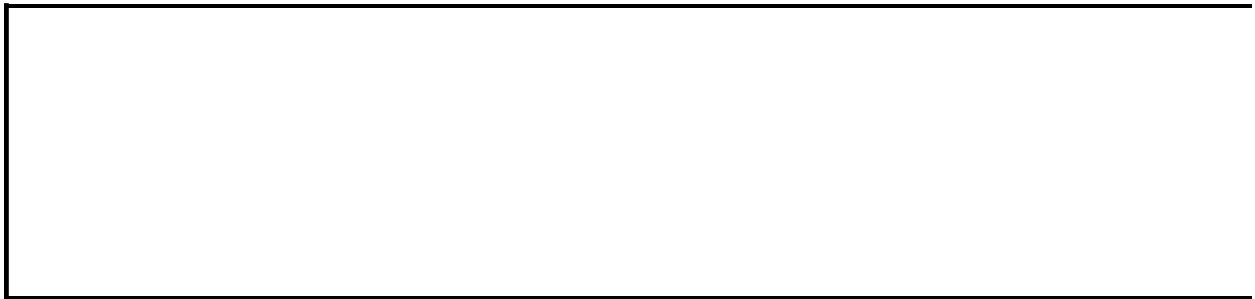
Remarks

The returned collection can also contain a **Discussion** collection composed of replies to a parent discussion, which you can access by using the **Discussions** property for a specific **Discussion** object within that collection. There's no functional limit to the number of levels of discussions, other than the limits of the mass storage device that houses the server you're using.

Example

This example uses the **Discussions** property to return a discussion that's a response to the specified discussion, and then it sets the returned discussion's subject to "More Supply Questions".

```
Dim dscDiscussions As Discussions
Set dscDiscussions = OpenDiscussions("http://samples.microsoft.com")
dscDiscussions(1).Discussions(3).Subject = _
    "More Supply Questions
```

FriendlyName Property

Sets or returns the friendly name of the specified discussion server. Read/write **String**.

Example

This example changes the friendly name of the specified discussion server to "Accounting Department Information Server".

```
dscServers(1).FriendlyName = _
    "Accounting Department Information Server"
```

Index Property

The index number of the specified **Discussion** object within the **Discussions** collection. Read-only **Long**.

expression.**Index**

expression   Required. An expression that returns one of the objects in the Applies To list.

Example

This example uses the **Index** property to find the position of the specified **Discussion** object in the **Discussions** collection.

```
Set myResponse = dscDiscussions(1).Discussions.Add _
    ("Supply information", "Staples are here!", "Staples")
MsgBox myResponse.Index
```

Item Property

Returns a **Discussion** object from a **Discussions** collection, or returns a **DiscussionServer** object from a **DiscussionServers** collection.

expression.**Item**(*Index*)

expression   Required. An expression that returns a **Discussion** or **DiscussionServer** object.

Index   Required **Variant**. The index number of the discussion or discussion server to be returned.

Example

This example uses the **Item** property to display a message box containing the name of the author of second response to the fifth discussion on the current file or folder.

```
MsgBox dscDiscussions.Item(5).Discussions.Item(2).Author
```

LoginName Property

Returns a **String** representing the Microsoft Windows NT alias of the author of the specified **Discussion** object.

expression.**LoginName**

expression   Required. An expression that returns one of the objects in the Applies To list.

Remarks

The logon name is usually the same as the user's e-mail alias.

Example

This example displays a message box containing the logon name of the current Microsoft Windows NT user.

```
MsgBox dscDiscussions(1).LoginName
```

Parent Property

Returns the parent **Object** for the specified object.

expression.**Parent**

expression   Required. An expression that returns one of the objects in the Applies To list.

ServerAddress Property

Sets or returns the Uniform Resource Locator (URL) for the specified discussion server. Read/write **String**.

Example

This example changes the URL of the specified discussion server to http://example.microsoft.com.

```
dscServers(1).ServerAddress = _
    "http://example.microsoft.com/"
```

Subject Property

Returns or sets a **String** representing the subject of the specified **Discussion** object.

expression.**Subject**

expression   Required. An expression that returns a **Discussions** object.

Example

This example sets the specified discussion's subject to "More Supply Questions".

```
Dim dscDiscussions As Discussions
Set dscDiscussions = OpenDiscussions("http://samples.microsoft.com")
dscDiscussions(1).Discussions(3).Subject = _
    "More Supply Questions"
```

Text Property

Returns or sets a **String** representing the body text of the specified **Discussion** object.

expression.**Text**

expression   Required. An expression that returns one of the objects in the Applies To list.
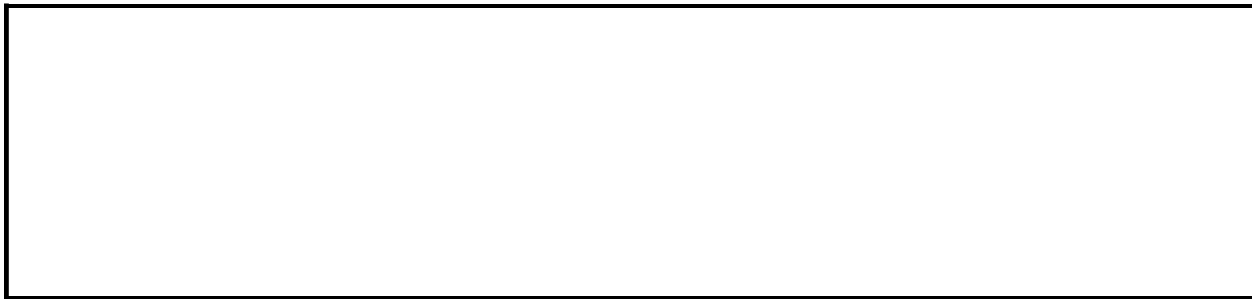
Remarks

A discussion can contain up to 64 kilobytes of text.

Example

This example sets the specified discussion's text to "Who do I see to get more staples?".

```
Dim dscDiscussions As DiscussionsSet dscDiscussions = _
                OpenDiscussions("http://samples.microsoft.com")

dscDiscussions(1).Discussions(3).Text = _
    "Who do I see to get more staples?"
```

Timestamp Property

Returns a **Date** representing the date and time that the specified **Discussion** object was created or the date and time of the most recent modification to the **Discussion** object.
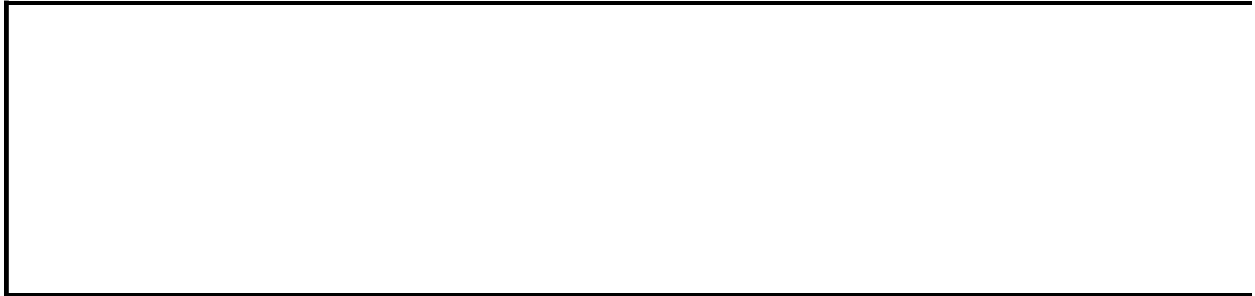
expression.**Timestamp**

expression   Required. An expression that returns a **Discussion** object.

Example

This example displays the date and time of the creation of or most recent change to the specified discussion.

```
MsgBox dscDiscussions(1).Timestamp
```

URL Property

Returns the Uniform Resource Locator (URL) for the document containing the specified **Discussions** collection. Read-only **String**.

Example

This example displays the URL for the specified **Discussions** collection.

```
Dim dscDiscussions As Discussions
Set dscDiscussions = OpenDiscussions("http://samples.microsoft.com")
MsgBox dscDiscussions.URL
```