Com Support

/comopen

Added in 1.9.4

/**comopen name progid**

Opens a COM connection to object progid and assigns the connection a name.

For 64 bit AdiIRC, MSScript com objects is not available unless you install https://github.com/tablacus/TablacusScriptControl/releases.

Parameters

name - Connection name.
progid - ProgId to open. (e.g Excel.Application)

/**comclose**

Added in 1.9.4

/**comclose name**

Closes the specified COM connection.

Parameters

name - Connection name.

/**comlist**

Added in 1.9.4

/**comlist**

Lists all open COM connection.

/**comreg**

Added in 1.9.4

/**comreg -u filename**

Registers/unregisters a COM DLL with windows.

Switches

-u - Unregister instead of register.

Parameters

filename - DLL filename to unregister/register.

$com

Added in 1.9.4

$com(name|N)

Returns name if connection is open, or name of Nth connection. N = 0 returns number of open connections.

Parameters

name|N - The connection name or the Nth connection.

Properties

.progid - The object name.
.result - The value returned by the COM object member after the call
.error - The error code if any.
.errortext - The error text if any.
.argerr - **TODO**
.dispatch - [$true](#) if this is a dispatch pointer.
.unknown - [$true](#) if this is a unknown pointer.

$com(name, &bvar)

Returns connection information for the connection and puts it into &bvar.

Parameters

name|- The connection name.
&bvar - The &bvar to write to.

Properties

.progid - The object name.
.result - The value returned by the COM object member after the call
.error - The error code if any.
.errortext - The error text if any.
.argerr - **TODO**
.dispatch - [$true](#) if this is a dispatch pointer.
.unknown - [$true](#) if this is a unknown pointer.

$com(name/N,varname)

Returns value of the specified variable name.

Parameters

name/N - The connection name or the Nth connection.
varname - Name of the referenced variable.

$com(name,member,method,type1,value1,...,typeN,valueN)

This calls a member of an open COM connection with the specified method and parameters.

Returns: 1 = ok, 0 = fail.

Parameters

name - Connection name.
member - Member name.
method - Combination of the following values added together:

```
1 = DISPATCH_METHOD
2 = DISPATCH_PROPERTYGET
4 = DISPATCH_PROPERTYPUT
```

```
          8 = DISPATCH_PROPERTYPUTREF
```

type - The variable type, can be: i1, i2, i4, ui1, ui2, ui4, int, uint, r4, r8, cy, date, decimal, bool, bstr, variant, dispatch, unknown, error.

```
          VB equivalents are: boolean, byte, currency, date, double, integer, long, single, str
ing, variant.
          To make a variable by reference, use * in the type name, eg. i1*
          To assign a name to a variable for later reference after a call, append it to the typ
e, eg. i1* varname
          When using a variant you must also specify the variable type after it, eg. variant bo
ol.
```

value - The value assigned to the variable type.

$comcall

Added in 1.9.4

$comcall(name,alias,member,method,type1,value1,...,typeN,valueN)

This calls a member of an open COM connection with the specified method and parameters.

Uses the same format as [$com](#)() apart from the alias. It is multi-threaded so it will not halt the script and will call the specified alias once the call returns.

Returns: 1 = ok, 0 = fail.

Parameters

name - Connection name.
alias - Alias to call when the call is finished.
member - Member name.
method - Combination of the following values added together:

```
          1 = DISPATCH_METHOD
          2 = DISPATCH_PROPERTYGET
          4 = DISPATCH_PROPERTYPUT
          8 = DISPATCH_PROPERTYPUTREF
```

type - The variable type, can be: i1, i2, i4, ui1, ui2, ui4, int, uint, r4, r8, cy, date, decimal, bool, bstr, variant, dispatch, unknown, error.

```
          VB equivalents are: boolean, byte, currency, date, double, integer, long, single, str
ing, variant.
          To make a variable by reference, use * in the type name, eg. i1*
          To assign a name to a variable for later reference after a call, append it to the typ
e, eg. i1* varname
          When using a variant you must also specify the variable type after it, eg. variant bo
ol.
```

value - The value assigned to the variable type.

$comerr

Added in 1.9.4

$comerr

This should be checked after a call to any COM command or identifier. Returns 1 if there was an error, else 0.

$comval

$comval(name,N,member, [&binvar])

Returns COM member value for the Nth instance of the enumerated collection in name.

Parameters

name - Name of the COM connection.
N - If N = 0, return number of items, otherwise The Nth item.
member - Member value to get.
[&binvar] - Adds the result to the specified &binvar instead. (changes return value to number of bytes added)

Properties

.result - Used with [&binvar].