

SRP_Com

Provides COM support in any version of OpenInsight.

Syntax

```
Result = SRP_Com(Object, Service, Name, Param1, ..., Param16)
```

Returns

The meaning of the return value depends on the service.

Parameters

Parameter	Description
Object	The target COM object. Required.
Service	The action to take against the COM object. Required.
Name	Identifies the service's target, such as a property name. Optional. Some services require this parameter, others do not. See service topics for details.
Param1 - Param16	Optional parameters for COM methods and properties.

Remarks

The SRP_Com method was developed to meet a need for accessing COM components from within versions of OI that do not yet have that functionality built in.

Object

Typical usage of COM requires objects to be instantiated, with a handle to the object returned into an OI variable. This parameter requires a handle to an object in order call methods and properties. Note that some methods and properties return new object handles, and those handles can be used to "dig deeper" into the COM object hierarchy.

Service

Much like the Utility function in OpenInsight, the SRP_Com function provides multiple services which are identified in the Service parameter. The services are:

Service	Description
ADDPARAM	Adds a parameter to an advanced method call for a COM object.
BEGINCALL	Begins an advanced method call for a COM object.
ENDCALL	Executes an advanced method call for a COM object.
CREATE	Instantiates a COM object.
RELEASE	Releases a previously instantiated COM object from memory.
GET	Gets a COM object's property value.
SET	Sets a COM object's property value.
CALL	Executes a COM object's method.
ERROR	Returns the latest COM error.
HANDLES	Gets all open COM object handles.

Click on the service names above to read more details. Continue below for an explanation of the other parameters.

Name

The Name parameter is used by the CREATE, GET, SET, and CALL services. For other services, it should be blank. For the CREATE service, Name is the ProgId identifying the COM object to instantiate. For the GET and SET services, Name identifies a property. For the CALL service, Name identifies a method.

Param1 - Param16

COM properties and method often require additional parameters. SRP_Com supports up to 16 parameters to be passed. If you encounter a need for more, contact SRP Computer Solutions, Inc. and we will be happy to accommodate you.