

# SRP\_List InsertAt

Inserts an element into an SRP List at the given index position.

## Syntax

```
SRP_List("InsertAt", Handle, Index, Element)
```

## Parameters

Parameter	Description
Handle	Handle to an existing SRP List <b>(REQUIRED)</b>
Index	The position within the SRP List at which the element will be inserted <b>(REQUIRED)</b>
Element	The value to insert into the SRP List <b>(REQUIRED)</b>

## Remarks

The InsertAt service inserts a value into an SRP List at the given position. Unlike the OI Insert method, passing an index of -1 will *not* add the element to the end of the array. To perform an add, you need to use the [Add](#) service. The reason is speed. In all other ways, however, the InsertAt service works just like the OI Insert function.

## Examples

```
// Create the list
Handle = SRP_List("Create")

// Insert several elements
SRP_List("InsertAt", Handle, 1, "ABC")
SRP_List("InsertAt", Handle, 10, "DEF")
SRP_List("InsertAt", Handle, 5, "EFG")

// Convert the SRP List into a normal list
List = SRP_List("GetVariable", Handle, ",")

// List = "ABC,,,EFG,,,,,DEF"
// NOTE that DEF is in position 11 because EFG was inserted, not set

// Play nice with memory
SRP_List("Release", Handle)
```