**SuperCollection**

# Remarks

A **SuperCollection** object/class combines the best methods and properties of the regular VBA Collection, Dictionary classes and Array variables into one 2-dimensional object. It works based on a Key, Value pair. Keys must be unique. All strings with have whitespace trimmed. SuperCollection is zero based, however, the Count property returns actual count.

# Methods

## Method Description

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| [Add](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/add-method-dictionary) | Adds a new key/value pair to the end of a SuperCollection. |
| AddSubValue | Adds or subtracts(minus sign to subtract) to value based on key. If key/value pair does not exist one while be created. Normally meant for numeric values, string values with have new string added to end of existing string value. |
| [AllKeys](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/items-method) | Returns a Collection of all keys within SuperCollection. |
| [AllValues](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/keys-method) | Returns a Collection of all values within SuperCollection. |
| [ChangeKey](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/remove-method-dictionary-object) | Finds key within SuperCollection and changes to new key. |
| [ChangeValue](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/remove-method-dictionary-object)  Clear | Finds first instance of a value within SuperCollection and changes to new value.  Clears all properties and SuperCollection. |
| [Copy](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/remove-method-dictionary-object)  [Delete](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/remove-method-dictionary-object) | Returns a copy of SuperCollection.  Deletes key/value pair of SuperCollection based on key. |
| [Display](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/remove-method-dictionary-object)  GetIndex | Prints SuperCollection to intermediate window.  Returns index based on key. |
| [GetKey](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/remove-method-dictionary-object) | Returns a key in SuperCollection based on value. |
| [GetValue](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/remove-method-dictionary-object) | Returns a value in SuperCollection based on key. |
| [KeyIndex](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/remove-method-dictionary-object) | Returns a key in SuperCollection based on idex |
| [KeyExists](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/remove-method-dictionary-object) | Returns a Boolean based on key. |
| [Sort](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/remove-method-dictionary-object) | Sorts SuperCollection alphanumerically, ascending. Optional descending. |
| [ValueIndex](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/remove-method-dictionary-object) | Returns a value in SuperCollection based on index. |
| [ValueSet](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/remove-method-dictionary-object) | Returns Collection of unique values in SuperCollection. |
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# Properties

## Property Description

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| [Count](https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/count-property-dictionary-object) | Returns the number(long) of key/item pairs in a **SuperCollection** object. |