Sort

COLLABORATORS			
	TITLE : Sort		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

Sort

1.1 Sort V1.00

```
PureBasic Sort library V1.00

  This library allows you to sort numerical arrays in ascending
  or descending order. The routine used is based on the QuickSort
  algorithm, rewritten in highly optimized assembler. So it's
  probably one of the fastest sorting routine ever available for
  the 680x0 processor family.

Commands summary:

   SortDown
   SortUp

Example:

   Sort demo
```

1.2 sortdown

```
  SYNTAX
SortDown(array(), start.w, end.w)

  STATEMENT
Sort the specfied array in descending order (high numbers first).

array(): name of the array to sort. The array must be an array
         of byte, word or long. String arrays aren't supported.

start.w: index for the start of the sort. You can sort only a
         part of the array if you need to.

end.w  : index for the end of the sort.

NOTE: start.w and end.w must be valid values !
```

1.3 sortup

```
  SYNTAX
SortUp(array(), start.w, end.w)

  STATEMENT
Sort the array in ascending order (low numbers first).

array(): name of the array to sort. The array must be an array
         of byte, word or long. Strings arrays aren't supported.

start.w: index for the start of the sort. You can sort only a
         part of the array if you need to.

end.w  : index for the end of the sort.

NOTE: start.w and end.w must be valid values !
```