sort

Return a structure ordered
Ascending is indicated by ASC and Descending by DESC in the examples, and sorting on keys is indicated by KEYS while by value is VALUE
$result = sort($source[, ASC | DESC [, VALUE | KEY]])

Examples:
$result = sort($source); // default same as sort($source, 'ASC', 'VALUE');
$result = sort($source, 'DESC'); // same as sort($source, 'DESC', 'VALUE');

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Sorting examples:
Example 1 - default value sorting:
$p.. = "orange";
$p.. = "apple";
$p.. = "banana";
$p = sort($p);
console("Defaults:"); dump($p);
Example 1 - results:
Defaults:
.[1] apple
.[2] banana
.[0] orange

Example 2 - default descending:
$p = sort($p, 'DESC');
console("DESC:"); dump($p);
Example 2 - results:
DESC:
.[0] orange
.[1] banana
.[2] apple

Example 3 - key descending:
$p.orange = "10 available";
$p.apple = "20 available";
$p.banana = "30 available";
$p = sort($p, 'DESC', 'KEY');
console("KEY DESC:"); dump($p);
Example 3 - results:
KEY DESC:
.[orange] 10 available
.[banana] 30 available
.[apple] 20 available

Example 4 - file order, where date is in filename:
Might not be an issue as get_file_paths seems to return files in a name order.

$dir = lookup_dictionary("MI_WMI");
$dir = $dir.directory;
$dir = "{$dir}\History1";
$files = get_file_paths($dir);
console("Original processing order would have been:");
for all $file_index in $files begin
   console($files.$file_index);
   end
// Extract a date or order from file name
for all $file_index in $files begin
   $matches = preg_match("/region[\d]{1,1}[\d]{2,2}(?P[\d]{8,8}).*/i",$files.$file_index);
   if $matches is not false begin
      $key = $matches.sort_on;
      $sorted_files.$key = $files.$file_index;
      end
   end
$sorted_files = sort($sorted_files, 'ASC', 'KEY');
console("Sorted order would be:");
for all $date_order in $sorted_files begin
 console("{$date_order}: {$sorted_files.$date_order}");
 end

Example 4 - results:
Original processing order would have been:
c:\MI_WMI\History1/region202201203091024.zip
c:\MI_WMI\History1/region206201203051252.zip
c:\MI_WMI\History1/region211201203061257.zip
c:\MI_WMI\History1/region21720120308125.zip
c:\MI_WMI\History1/region239201203071220.zip
c:\MI_WMI\History1/region271201203021216.zip
Sorted order would be:
20120302: c:\MI_WMI\History1/region271201203021216.zip
20120305: c:\MI_WMI\History1/region206201203051252.zip
20120306: c:\MI_WMI\History1/region211201203061257.zip
20120307: c:\MI_WMI\History1/region239201203071220.zip
20120308: c:\MI_WMI\History1/region21720120308125.zip
20120309: c:\MI_WMI\History1/region202201203091024.zip
```