

Generated Documentation



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Package PHPDocExample Procedural Elements

Sum.php

This class adds things

This class adds things

- **Package** PHPDocExample
- **Filesource** [Source Code for this file](#)
- **Copyright** © 2002 by Derick Rethans
- **Author** Derick Rethans < <mailto:derick@php.net> >

SumNumberElements.php

- **Package** PHPDocExample
- **Filesource** [Source Code for this file](#)
- **Author** Derick Rethans < <mailto:derick@php.net> >

SumNumbers.php

- **Package** PHPDocExample
- **Filesource** [Source Code for this file](#)
- **Author** Derick Rethans < <mailto:derick@php.net>>

Package PHPDocExample Classes

Class Sum

[line [17](#)]

- **Package** PHPDocExample
- **Abstract Element**
- **Since** version 0.3
- **Version** \$Id: \$
- **Copyright** © 2002 by Derick Rethans
- **Author** Derick Rethans < <mailto:derick@php.net> >

Sum::\$result

mixed = [line [26](#)]

- **Var** Result of the summation

Sum::\$type

string = [line [21](#)]

- **Var** Type of the elements

Constructor function Sum::Sum(\$type) [line [32](#)]

Function Parameters:

- *string* **\$type** The type of the elements

Constructor

mixed function Sum::getResult() [[line 55](#)]

Return the result of the summation

- **Abstract Element**

function Sum::sumElements(\$elem1, \$elem2) [[line 45](#)]

Function Parameters:

- *mixed* **\$elem1** The first element
- *mixed* **\$elem2** The second element

Sum elements

Sums elements

- **Abstract Element**

Class SumNumberElements

[[line 15](#)]

Class for adding arrays of numbers

Class for adding arrays of numbers

- **Package** PHPDocExample
- **Final**
- **Version** \$Id: \$
- **Copyright** © 2002 by Derick Rethans
- **Author** Derick Rethans < <mailto:derick@php.net>>

function SumNumberElements::sumElements(\$elem1, \$elem2) [*line 23*]

Function Parameters:

- *mixed* **\$elem1** The first element
- *mixed* **\$elem2** The second element

Function which sets the result for the Summation

Function which sets the result for the Summation

- **Access** public

Class SumNumbers

[*line 14*]

Class for adding two numbers

- **Package** PHPDocExample
- **Final**
- **Version** \$Id: \$
- **Copyright** © 2002 by Derick Rethans
- **Author** Derick Rethans < <mailto:derick@php.net>>

function SumNumbers::sumElements(\$elem1, \$elem2) [[line 38](#)]

Function Parameters:

- *int* **\$elem1** The first element
- *int* **\$elem2** The second element

Overloaded SumElements function

Overloaded SumElements function

- **Access** public

integer function SumNumbers::_sumNumbers(\$int1, \$int2) [[line 25](#)]

Function Parameters:

- *integer* **\$int1** The first number
- *integer* **\$int2** The second number

Function to add numbers

This functions adds numbers

- **Access** private
- **See** [SumNumbers::sumElements\(\)](#)

SumError.php

- **Package** PHPDocExample
- **Sub-Package** PHPDocExampleFunctions
- **Filesource** [Source Code for this file](#)
- **Author** Derick Rethans < <mailto:derick@php.net> >

require_once ['utility.php'](#)*[line 11]*

File with utility functions

utility.php

Example included file with utility functions

- **Package** PHPDocExample
- **Sub-Package** PHPDocExampleFunctions
- **Filesource** [Source Code for this file](#)
- **Version** \$Id: \$
- **Author** Derick Rethans < <mailto:derick@php.net> >

array function sumElements(\$array1, \$array2) [*line 20*]

Function Parameters:

- *array* **\$array1** The first input array
- *array* **\$array2** The second input array

Function to add numbers in arrays

This function returns an array in which every element is the sum of the two corresponding elements in the input arrays.

- **Since** Version 0.9

Class SumError

[*line 23*]

The error class

This error class is thrown when an error in one of the other Sum* classes occurs

- **Package** PHPDocExample
- **Sub-Package** PHPDocExampleFunctions
- **Version** \$Id: \$
- **Copyright** © 2002 by Derick Rethans
- **Author** Stig Bakken < <mailto:ssb@fast.no>>
- **Author** Derick Rethans < <mailto:derick@php.net>>

Constructor function SumError::SumError(\$msg) [*line 28*]

Function Parameters:

- *string* **\$msg** Error message

The constructor for the error class

Appendices

Appendix A - Class Trees

Package PHPDocExample

Sum

- [Sum](#)
 - [SumNumberElements](#)
 - [SumNumbers](#)

SumError

- [SumError](#)

Appendix C - Source Code

Package PHPDocExample

File Source for Sum.php

Documentation for this file is available at [Sum.php](#)

```
1  <?php
2  /**
3   * This class adds things
4   * This class adds things
5   * @author Derick Rethans <derick@php.net>
6   * @copyright © 2002 by Derick Rethans
7   * @package PHPDocExample
8   */
9  /**
10 * @author Derick Rethans <derick@php.net>
11 * @copyright © 2002 by Derick Rethans
12 * @version $Id: $
13 * @package PHPDocExample
14 * @since version 0.3
15 * @abstract
16 */
17 class Sum {
18     /**
19      * @var string $type Type of the elements
20      */
21     var $type;
22
23     /**
24      * @var mixed $result Result of the summation
25      */
26     var $result;
27
28     /**
29      * Constructor
30      * @param string $type The type of the elements
31      */
32     function Sum ($type)
33     {
34         $this-> type = $type;
35     }
36
37     /**
38      * Sum elements
39      *
40      * Sums elements
41      * @abstract
42      * @param mixed $elem1 The first element
43      * @param mixed $elem2 The second element
44      */
45     function sumElements ($elem1, $elem2)
46     {
47         return new SumError('Please overload this class');
48     }
49
50     /**
51      * Return the result of the summation
52      * @abstract
53      * @return mixed
54      */
55     function getResult ()
56     {
57         return $this-> result;
58     }
59 }
60 ?>
```

File Source for SumNumberElements.php

Documentation for this file is available at [SumNumberElements.php](#)

```
1  <?php
2  /**
3   * @author Derick Rethans <derick@php.net>
4   * @package PHPDocExample
5   */
6  /**
7   * Class for adding arrays of numbers
8   * Class for adding arrays of numbers
9   * @author Derick Rethans <derick@php.net>
10  * @copyright © 2002 by Derick Rethans
11  * @version $Id: $
12  * @package PHPDocExample
13  * @final
14  */
15  class SumNumberElements extends Sum {
16      /**
17       * Function which sets the result for the Summation
18       * Function which sets the result for the Summation
19       * @param mixed $elem1 The first element
20       * @param mixed $elem2 The second element
21       * @access public
22       */
23       function sumElements ($elem1, $elem2)
24       {
25           /* Uses the sumElements utility function */
26           $this-> result = sumElements ($elem1, $elem2);
27       }
28  }
29  ?>
```

File Source for SumNumbers.php

Documentation for this file is available at [SumNumbers.php](#)

```
1  <?php
2  /**
3   * @author Derick Rethans <derick@php.net>
4   * @package PHPDocExample
5   */
6  /**
7   * Class for adding two numbers
8   * @author Derick Rethans <derick@php.net>
9   * @copyright © 2002 by Derick Rethans
10  * @version $Id: $
11  * @package PHPDocExample
12  * @final
13  */
14  class SumNumbers extends Sum {
15      /**
16       * Function to add numbers
17       *
18       * This functions adds numbers
19       * @see sumElements()
20       * @access private
21       * @param integer $int1 The first number
22       * @param integer $int2 The second number
23       * @return integer
24       */
25      function _sumNumbers ($int1, $int2)
26      {
27          return $int1 + $int2;
28      }
29
30      /**
31       * Overloaded SumElements function
32       *
33       * Overloaded SumElements function
34       * @access public
35       * @param int $elem1 The first element
36       * @param int $elem2 The second element
37       */
38      function sumElements ($elem1, $elem2)
39      {
40          $this-> result = _sumNumbers ($elem1, $elem2);
41      }
42  }
43  ?>
```

File Source for SumError.php

Documentation for this file is available at [SumError.php](#)

```
1  <?php
2  /**
3   * @author Derick Rethans <derick@php.net>
4   * @package PHPDocExample
5   * @subpackage PHPDocExampleFunctions
6   */
7
8  /**
9   * File with utility functions
10 */
11 require_once 'utility.php';
12
13 /**
14 * The error class
15 * This error class is thrown when an error in one of the
16 * other Sum* classes occurs
17 * @author Derick Rethans <derick@php.net>
18 * @author Stig Bakken <ssb@fast.no>
19 * @copyright © 2002 by Derick Rethans
20 * @version $Id: $
21 * @package PHPDocExample
22 */
23 class SumError {
24     /**
25      * The constructor for the error class
26      * @param string $msg Error message
27      */
28     function SumError ($msg)
29     {
30         echo $msg. "\n" ;
31     }
32 }
33 ?>
```

File Source for utility.php

Documentation for this file is available at [utility.php](#)

```
1  <?php
2  /**
3   * Example included file with utility functions
4   * @author Derick Rethans <derick@php.net>
5   * @version $Id: $
6   * @package PHPDocExample
7   * @subpackage PHPDocExampleFunctions
8   */
9
10 /**
11  * Function to add numbers in arrays
12  *
13  * This function returns an array in which every element is the sum of the
14  * two corresponding elements in the input arrays.
15  * @since Version 0.9
16  * @param array $array1 The first input array
17  * @param array $array2 The second input array
18  * @return array
19  */
20 function sumElements ($array1, $array2)
21 {
22     $ret = $array1;
23
24     foreach ($array2 as $key => $element) {
25         if (isset ($ret[$key])) {
26             $ret[$key] += $element;
27         } else {
28             $ret[$key] = $element;
29         }
30     }
31     return $ret;
32 }
33 ?>
```

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