Variable Scope in PHP

Scope can be defined as the range of availability a variable has to the program in which it is declared. PHP variables can be one of four scope types:

1. Local variables
2. Global variables
3. Static variables
4. Function parameters

1. Local variables
A variable declared within a PHP function is local and can only be accessed within that function. (the variable has local scope):

```php
<?php
$a = 5; // global scope

function myTest()
{
    echo $a; // local scope
}

myTest();
?>
```

The script above will not produce any output because the `echo` statement refers to the local scope variable `$a`, which has not been assigned a value within this scope.

You can have local variables with the same name in different functions, because local variables are only recognized by the function in which they are declared.

Local variables are deleted as soon as the function is completed.

2. Global variables
Global scope refers to any variable that is defined outside of any function.

Global variables can be accessed from any part of the script that is not inside a function.

To access a global variable from within a function, use the `global` keyword:

```php
<?php
$a = 5;
$b = 10;

function myTest()
{
    global $a, $b;
    $b = $a + $b;
}

myTest();
```
echo $b;
?>

The script above will output 15.

PHP also stores all global variables in an array called $GLOBALS[index]. Its index is the name of the variable. This array is also accessible from within functions and can be used to update global variables directly.

The example above can be rewritten as this:

```php
<?php
$a = 5;
$b = 10;

function myTest()
{
    $GLOBALS['b'] = $GLOBALS['a'] + $GLOBALS['b'];
}

myTest();
echo $b;
?>
```

3. Static variables

When a function is completed, all of its variables are normally deleted. However, sometimes you want a local variable to not be deleted.

To do this, use the static keyword when you first declare the variable:

```php
static $rememberMe;
```

Then, each time the function is called, that variable will still have the information it contained from the last time the function was called.

Note: The variable is still local to the function.

4. Function parameters

A parameter is a local variable whose value is passed to the function by the calling code.

Parameters are declared in a parameter list as part of the function declaration:

```php
function myTest($para1,$para2,...)
{
    // function code
}
```

Parameters are also called arguments.