Parsing Directory Paths (Phân tích đường dẫn thư mục)

Retrieving a Path’s Filename(Lấy file name của đường dẫn)

string basename(string *path* [, string *suffix*])

<?php  
$path = '/home/www/data/users.txt';  
printf("Filename: %s <br />", basename($path));  
printf("Filename sans extension: %s <br />", basename($path, ".txt"));  
?>

Result:  
Filename: users.txt  
Filename sans extension: users

Retrieving a Path’s Directory  
The dirname() function is essentially the counterpart to basename(), providing the directory component  
of a path. Its prototype follows:  
string dirname(string *path*)  
The following code will retrieve the path leading up to the file name users.txt:  
<?php  
$path = '/home/www/data/users.txt';  
printf("Directory path: %s", dirname($path));  
?>

Result:

Directory path: /home/www/data

Learning More about a Path

<?php  
$pathinfo = pathinfo('/home/www/htdocs/book/chapter10/index.html');  
printf("Dir name: %s <br />", $pathinfo['dirname']);  
printf("Base name: %s <br />", $pathinfo['basename']);  
printf("Extension: %s <br />", $pathinfo['extension']);  
printf("Filename: %s <br />", $pathinfo['filename']);  
?>  
This produces the following output:  
Dir name: /home/www/htdocs/book/chapter10  
Base name: index.html  
Extension: html  
Filename: index

Identifying the Absolute Path(xác định đường dẫn tuyệt đối)

<?php  
$imgPath = '../../images/cover.gif';  
$absolutePath = realpath($imgPath);  
// Returns /www/htdocs/book/images/cover.gif  
?>

Calculating a Disk’s Free Space  
The function disk\_free\_space() returns the available space, in bytes, allocated to the disk partition  
housing a specified directory. Its prototype follows:  
float disk\_free\_space(string *directory*)  
An example follows:  
<?php  
$drive = '/usr';  
printf("Remaining MB on %s: %.2f", $drive,  
round((disk\_free\_space($drive) / 1048576), 2));  
?>  
This returns the following:  
Remaining MB on /usr: 2141.29

Calculating Total Disk Size  
The disk\_total\_space() function returns the total size, in bytes, consumed by the disk partition housing  
a specified directory. Its prototype follows:  
float disk\_total\_space(string *directory*)  
If you use this function in conjunction with disk\_free\_space(), it’s easy to offer useful space  
allocation statistics:  
<?php  
$partition = '/usr';  
// Determine total partition space  
$totalSpace = disk\_total\_space($partition) / 1048576;  
// Determine used partition space  
$usedSpace = $totalSpace - disk\_free\_space($partition) / 1048576;  
printf("Partition: %s (Allocated: %.2f MB. Used: %.2f MB.)",  
$partition, $totalSpace, $usedSpace);  
?>  
This returns the following:  
Partition: /usr (Allocated: 36716.00 MB. Used: 32327.61 MB.)