

Rar Functions

Introduzione

Rar is a powerful and effective archiver created by Eugene Roshal. This extension gives you possibility to read Rar archives but doesn't support writing Rar archives, because this is not supported by UnRar library and is directly prohibited by it's license.

More information about Rar and UnRar can be found at <http://www.rarlabs.com/>.

Requisiti

Non sono necessarie librerie esterne per utilizzare questo modulo.

Configurazione di Runtime

Questa estensione non definisce alcuna direttiva di configurazione in `php.ini`

Installazione

Rar is currently available through PECL <http://pecl.php.net/package/rar>.

Also you can use the pear installer to install the Rar extension, using the following command: **pear -v install rar**.

You can always download the tar.gz package and install Rar by hand:

Esempio 1. Rar installation

```
gunzip rar-xxx.tgz
tar -xvf rar-xxx.tar
cd rar-xxx
phpize
./configure && make && make install
```

Windows users can download the extension dll `php_rar.dll` here:
http://snaps.php.net/win32/PECL_STABLE/.

Tipi di risorse

There is one resource used in Rar extension: a file descriptor returned by [rar_open\(\)](#).

Costanti predefinite

RAR_HOST_MSDOS ([integer](#))

RAR_HOST_OS2 ([integer](#))

RAR_HOST_WIN32 ([integer](#))

RAR_HOST_UNIX ([integer](#))

RAR_HOST_BEOS ([integer](#))

Esempi

Esempio 2. Rar extension overview example

```
<?php
$rar_file = rar_open('example.rar') or die("Can't open Rar archive");
$entries = rar_list($rar_file);

foreach ($entries as $entry) {
    echo 'Filename: ' . $entry->getName() . "\n";
    echo 'Packed size: ' . $entry->getPackedSize() . "\n";
    echo 'Unpacked size: ' . $entry->getUnpackedSize() . "\n";

    $entry->extract('/dir/extract/to/');
}

rar_close($rar_file);

?>
```

This example opens a Rar file archive and extracts each entry to the specified directory.

Sommario

[rar_close](#) -- Close Rar archive and free all resources

[rar_entry_get](#) -- Get entry object from the Rar archive

[Rar::extract](#) -- Extract entry from the archive

[Rar::getAttr](#) -- Get attributes of the entry

[Rar::getCrc](#) -- Get CRC of the entry

[Rar::getFileTime](#) -- Get entry last modification time
[Rar::getHostOs](#) -- Get entry host OS
[Rar::getMethod](#) -- Get pack method of the entry
[Rar::getName](#) -- Get name of the entry
[Rar::getPackedSize](#) -- Get packed size of the entry
[Rar::getUnpackedSize](#) -- Get unpacked size of the entry
[Rar::getVersion](#) -- Get version of the archiver used to add the entry
[rar_list](#) -- Get entries list from the Rar archive
[rar_open](#) -- Open Rar archive

rar_close

(no version information, might be only in CVS)

`rar_close` -- Close Rar archive and free all resources

Description

bool `rar_close` (resource `rar_file`)

Close Rar archive and free all allocated resources.

`rar_close()` returns `FALSE` on error.

rar_entry_get

(no version information, might be only in CVS)

`rar_entry_get` -- Get entry object from the Rar archive

Description

RarEntry `rar_entry_get` (resource `rar_file`, string `entry_name`)

Get entry object from the Rar archive.

Esempio 1. Rar::() example

```
<?php
$rar_file = rar_open('example.rar') or die("Failed to open Rar archive");
$entry = rar_entry_get($rar_file, 'Dir/file.txt') or die("Failed to find such entry");
```

```
print_r($entry);  
?>
```

rar_get_entry() returns entry object or **FALSE** on error.

Rar::extract

(no version information, might be only in CVS)

Rar::extract -- Extract entry from the archive

Description

bool **Rar::extract** (string *dir* [, string *filepath*])

Rar::extract() extracts entry's data to the *dir*. It will create new file in the specified *dir* with the name identical to the entry's name. If parameter *filepath* is specified instead *dir*, **Rar::extract()** will extract entry's data to the specified file.

Esempio 1. Rar::extract() example

```
<?php  
$rar_file = rar_open('example.rar') or die("Failed to open Rar archive");  
$entry = rar_entry_get($rar_file, 'Dir/file.txt') or die("Failed to find such entry");  
$entry->extract('/dir/to'); // create /dir/to/Dir/file.txt  
$entry->extract(false, '/dir/to/new_name.txt'); // create /dir/to/new_name.txt  
?>
```

Restituisce **TRUE** in caso di successo, **FALSE** in caso di fallimento.

Rar::getAttr

(no version information, might be only in CVS)

Rar::getAttr -- Get attributes of the entry

Description

int **Rar::getAttr** (void)

Rar::getAttr() returns attributes of the archive entry.

Esempio 1. Rar::getAttr() example

```
<?php

$rar_file = rar_open('example.rar') or die("Can't open Rar archive");

$entry = rar_entry_get($rar_file, 'dir/in/the/archive') or die("Can't find such entry");

$host_os = $entry->getHostOs();
$attr = $entry->getAttr();

switch($host_os) {
    case RAR_HOST_MSDOS:
    case RAR_HOST_OS2:
    case RAR_HOST_WIN32:
    case RAR_HOST_MACOS:
        printf("%c%c%c%c%c%c\n",
            ($attr & 0x08) ? 'V' : '.',
            ($attr & 0x10) ? 'D' : '.',
            ($attr & 0x01) ? 'R' : '.',
            ($attr & 0x02) ? 'H' : '.',
            ($attr & 0x04) ? 'S' : '.',
            ($attr & 0x20) ? 'A' : '.');
        break;
    case RAR_HOST_UNIX:
    case RAR_HOST_BEOS:
        switch ($attr & 0xF000)
        {
            case 0x4000:
                printf("d");
                break;
            case 0xA000:
                printf("l");
                break;
            default:
                printf("-");
                break;
        }
        printf("%c%c%c%c%c%c%c%c%c\n",
            ($attr & 0x0100) ? 'r' : '-',
            ($attr & 0x0080) ? 'w' : '-',
            ($attr & 0x0040) ? (($attr & 0x0800) ? 's':'x') : (($attr & 0x0800) ? 'S':'s'),
            ($attr & 0x0020) ? 'r' : '-',
            ($attr & 0x0010) ? 'w' : '-',
            ($attr & 0x0008) ? (($attr & 0x0400) ? 's':'x') : (($attr & 0x0400) ? 'S':'s'),
            ($attr & 0x0004) ? 'r' : '-',
            ($attr & 0x0002) ? 'w' : '-',
            ($attr & 0x0001) ? 'x' : '-');
        break;
}

rar_close($rar_file);

?>
```

Rar::getAttr() returns **FALSE** on error.

See also **Rar::getHostOs()**.

Rar::getCrc

(no version information, might be only in CVS)

Rar::getCrc -- Get CRC of the entry

Description

int **Rar::getCrc** (void)

Rar::getCrc() returns CRC of the archive entry.

Esempio 1. Rar::getCrc() example

```
<?php
?>
```

Rar::getCrc() returns FALSE on error.

Rar::getFileTime

(no version information, might be only in CVS)

Rar::getFileTime -- Get entry last modification time

Description

string **Rar::getFileTime** (void)

Rar::getFileTime() returns entry last modification time as string in format YYYY-MM-DD HH:II:SS.

Esempio 1. Rar::() example

```
<?php
?>
```

Rar::getFileTime() returns FALSE on error.

Rar::getHostOs

(no version information, might be only in CVS)

Rar::getHostOs -- Get entry host OS

Description

int **Rar::getHostOs** (void)

Rar::getHostOs() return code of the host OS of the archive entry.

Esempio 1. Rar::getHostOs() example

```
<?php
$rar_file = rar_open('example.rar') or die("Failed to open Rar archive");
$entry = rar_entry_get($rar_file, 'Dir/file.txt') or die("Failed to find such entry");

switch ($entry->getHostOs()) {
    case RAR_HOST_MSDOS:
        echo "MS-DOS\n";
        break;
    case RAR_HOST_OS2:
        echo "OS2\n";
        break;
    case RAR_HOST_WIN32:
        echo "Win32\n";
        break;
    case RAR_HOST_MACOS:
        echo "MacOS\n";
        break;
    case RAR_HOST_UNIX:
        echo "Unix/Linux\n";
        break;
    case RAR_HOST_BEOS:
        echo "BeOS\n";
        break;
}

?>
```

Rar::getHostOs() returns FALSE on error.

Rar::getMethod

(no version information, might be only in CVS)

Rar::getMethod -- Get pack method of the entry

Description

int **Rar::getMethod** (void)

Rar::getMethod() returns number of the method used when adding current archive entry.

Esempio 1. Rar::getMethod() example

```
<?php
$rar_file = rar_open('example.rar') or die("Failed to open Rar archive");
$entry = rar_entry_get($rar_file, 'Dir/file.txt') or die("Failed to find such entry");
echo "Method number: " . $entry->getMethod();
?>
```

Rar::getMethod() returns **FALSE** on error.

Rar::getName

(no version information, might be only in CVS)

Rar::getName -- Get name of the entry

Description

string **Rar::getName** (void)

Rar::getName() returns full name of the archive entry.

Esempio 1. Rar::getName() example

```
<?php
$rar_file = rar_open('example.rar') or die("Failed to open Rar archive");
$entry = rar_entry_get($rar_file, 'Dir/file.txt') or die("Failed to find such entry");
echo "Entry name: " . $entry->getName();
?>
```

Rar::getName() returns **FALSE** on error.

Rar::getPackedSize

(no version information, might be only in CVS)

Rar::getPackedSize -- Get packed size of the entry

Description

int **Rar::getPackedSize** (void)

Get packed size of the archive entry.

Esempio 1. Rar::() example

```
<?php
$rar_file = rar_open('example.rar') or die("Failed to open Rar archive");
$entry = rar_entry_get($rar_file, 'Dir/file.txt') or die("Failed to find such entry");
echo "Packed size of " . $entry->getName() . " = " . $entry->getPackedSize() . " bytes";
?>
```

Rar::getPackedSize() returns **FALSE** on error.

Rar::getUnpackedSize

(no version information, might be only in CVS)

Rar::getUnpackedSize -- Get unpacked size of the entry

Description

int **Rar::getUnpackedSize** (void)

Get unpacked size of the archive entry.

Esempio 1. Rar::getUnpackedSize() example

```
<?php
$rar_file = rar_open('example.rar') or die("Failed to open Rar archive");
$entry = rar_entry_get($rar_file, 'Dir/file.txt') or die("Failed to find such entry");
```

```
echo "Unpacked size of " . $entry->getName() . " = " . $entry->getPackedSize() . " bytes"
?>
```

Rar::getUnpackedSize() returns **FALSE** on error.

Rar::getVersion

(no version information, might be only in CVS)

Rar::getVersion -- Get version of the archiver used to add the entry

Description

int **Rar::getVersion** (void)

Get version of the archiver used to add the archive entry.

Esempio 1. Rar::getVersion() example

```
<?php
$rar_file = rar_open('example.rar') or die("Failed to open Rar archive");
$entry = rar_entry_get($rar_file, 'Dir/file.txt') or die("Failed to find such entry");
echo "Rar (WinRAR) version used: " . $entry->getVersion();
?>
```

Rar::getVersion() returns **FALSE** on error.

rar_list

(no version information, might be only in CVS)

rar_list -- Get entries list from the Rar archive

Description

array **rar_list** (resource rar_file)

Get entries list from the Rar archive.

Esempio 1. Rar::() example

```
<?php
$rar_file = rar_open('example.rar') or die("Failed to open Rar archive");
$entries_list = rar_list($rar_file);
print_r($entries_list);
?>
```

rar_list() returns array of entries or **FALSE** on error.

rar_open

(no version information, might be only in CVS)

rar_open -- Open Rar archive

Description

resource **rar_open** (string filename [, string password])

Open specified Rar archive and return Rar file resource.

rar_open() returns Rar file resource or **FALSE** on error.