

Mimetype

Introduction

Warning
This extension has been deprecated as the PECL extension Fileinfo provides the same functionality (and more) in a much cleaner way.

The functions in this module try to guess the content type and encoding of a file by looking for certain *magic* byte sequences at specific positions within the file. While this is not a bullet proof approach the heuristics used do a very good job.

This extension is derived from Apache mod_mime_magic, which is itself based on the *file* command maintained by Ian F. Darwin. See the source code for further historic and copyright information.

Installing/Configuring

Requirements

No external libraries are needed to build this extension.

Installation

You must compile PHP with the configure switch *--with-mime-magic* to get support for mime-type functions. The extension needs a copy of the simplified *magic* file that is distributed with the Apache httpd.

Note

The configure option has been changed from *--enable-mime-magic* to *--with-mime-magic* since PHP 4.3.2

Note

This extension is not capable of handling the fully decorated *magic* file that generally comes with standard Linux distro's and is supposed to be used with recent versions of *file* command.

Note

Note to Win32 Users

In order to use this module on a Windows environment, you must set the path to the bundled *magic.mime* file in your *php.ini*.

Example #1 - Setting the path to *magic.mime*

```
mime_magic.magicfile = "$PHP_INSTALL_DIR\magic.mime"
```

Remember to substitute the *\$PHP_INSTALL_DIR* for your actual path to PHP in the above example. e.g. *c:\php*

Runtime Configuration

The behaviour of these functions is affected by settings in *php.ini*.

Mimetype configuration options

Name	Default	Changeable	Changelog
<code>mime_magic.debug</code>	<code>"0"</code>	PHP_INI_SYSTEM	Available since PHP 5.0.0.
<code>mime_magic.magicfile</code>	<code>"/path/to/php/magic.mime"</code>	PHP_INI_SYSTEM	Available since PHP 4.3.0.

For further details and definitions of the `PHP_INI_*` constants, see the [php.ini directives](#).

Here's a short explanation of the configuration directives.

`mime_magic.debug` [bool](#)
Enable/disable debugging.

`mime_magic.magicfile` [string](#)
The path to the magic.mime file.

Resource Types

This extension has no resource types defined.

Predefined Constants

This extension has no constants defined.

Mimetype Functions

mime_content_type

mime_content_type -- Detect MIME Content-type for a file (deprecated)

Description

string **mime_content_type** (string *\$filename*)

Returns the MIME content type for a file as determined by using information from the *magic.mime* file.

Parameters

filename

Path to the tested file.

Return Values

Returns the content type in MIME format, like *text/plain* or *application/octet-stream*.

Notes

Warning

This function has been deprecated as the PECL extension [Fileinfo](#) provides the same functionality (and more) in a much cleaner way.

Examples

Example #2 - [mime_content_type\(\)](#) Example

```
<?php
echo mime_content_type('php.gif') . "\n";
echo mime_content_type('test.php');
?>
```

The above example will output:

```
image/gif
text/plain
```

See Also

- [Fileinfo](#) for a replacement