

## Core - Feature # 60019

<b>Status:</b>	Resolved	<b>Priority:</b>	Should have
<b>Author:</b>	Sascha Egerer	<b>Category:</b>	File Abstraction Layer (FAL)
<b>Created:</b>	2014-07-01	<b>Assigned To:</b>	
<b>Updated:</b>	2015-03-03	<b>Due date:</b>	
<b>PHP Version:</b>	5.5		
<b>Complexity:</b>			
<b>Sprint Focus:</b>	On Location Sprint		
<b>Subject:</b>	Create utility function to get the file mimetype depending on available php modules		
<b>Description</b>			
<p>TYPO3 does currently use finfo_file to get the mime type of a file. This does only work if the finfo module is loaded in PHP.</p> <p>dkd is currently working with Microsoft to get TYPO3 working in the Microsoft Azure Web Gallery and there is no finfo module installed by default.</p> <p>To get this code a little bit more portable there should be a wrapper function that checks if the finfo exists and if not use mime_content_type.</p>			
<b>Related issues:</b>			
duplicated by Core - Task # 46777: Improve behaviour when mime type detection...		<b>Closed</b>	<b>2013-03-29</b>
precedes Core - Bug # 64929: Fix filesize Unittest on windows with CRLF		<b>Resolved</b>	<b>2015-02-08</b>

### Associated revisions

**Revision e372399b - 2015-02-02 21:38 - Sascha Egerer**

[FEATURE] Add SplFileInfo implementation to get file mimeType

\TYPO3\CMS\Core\Type\File\FileInfo provides a new method  
getMimeType() to get the MIME type of a file, e.g. text/html.

Custom implementations to determine the MIME type can be added  
with the hook:

```
$GLOBALS['TYPO3_CONF_VARS']['SC_OPTIONS']['TYPO3\CMS\Core\Type\File\FileInfo::class']['mimeTypeGuessers']
```

The FAL LocalDriver also uses this new API.

Resolves: #60019

References: #46777

Releases: master

Change-Id: Ia2fa95d2ef6452f8022e33f1b1d2a9336f3e0303

Reviewed-on: <http://review.typo3.org/31256>

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## History

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### #1 - 2014-07-01 10:18 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/31256>

### #2 - 2014-07-01 10:29 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/31256>

### #3 - 2014-07-26 12:54 - Gerrit Code Review

Patch set 7 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/31256>

### #4 - 2015-01-06 11:37 - Ingo Schmitt

- Category set to File Abstraction Layer (FAL)

### #5 - 2015-01-29 11:48 - Sascha Egerer

- Target version set to next-patchlevel

- Sprint Focus set to On Location Sprint

### #6 - 2015-02-01 00:25 - Gerrit Code Review

Patch set 8 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/31256>

### #7 - 2015-02-01 00:43 - Gerrit Code Review

Patch set 9 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/31256>

### #8 - 2015-02-01 00:47 - Gerrit Code Review

Patch set 10 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/31256>

### #9 - 2015-02-01 11:23 - Gerrit Code Review

Patch set 11 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <http://review.typo3.org/31256>

### #10 - 2015-02-01 12:41 - Gerrit Code Review

Patch set 12 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/31256>

#### #11 - 2015-02-02 19:33 - Gerrit Code Review

Patch set 13 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <http://review.typo3.org/31256>

#### #12 - 2015-02-02 22:00 - Anonymous

- Status changed from Under Review to Resolved
- % Done changed from 0 to 100

Applied in changeset commit:e372399b4bef5d76bbeeee1ec12e8f56c257e4b6.

#### #13 - 2015-02-08 14:22 - Stephan Großberndt

- Tracker changed from Bug to Feature

#### #14 - 2015-03-03 18:52 - Beltran Rueda

I could reproduce the following issue on Windows using 7.1.0 version:

PHP Fatal error: Class 'finfo' not found in ...typo3\sysext\core\Classes\Type\File\FileInfo.php on line 33

Replacing the following in the FileInfo.php file fixes the issue. Could you confirm this fix is correct?

```
if (!function_exists('finfo_file')) {
```

with:

```
if (function_exists('finfo_file')) {
```

#### #15 - 2015-03-03 19:04 - Wouter Wolters

Hi, this has been fixed meanwhile with <https://review.typo3.org/#/c/37205/>