MIME Types

The MIME type of a file or of a content, and the types of an extension, with Mime

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MIME Types

```
use Derafu\File\Mime;
```

Method	What it does
`Mime::fromFile($path)`	The MIME type of a file, by its content.
`Mime::fromContent($content)`	The MIME type of a content in memory.
`Mime::typesOfExtension($extension)`	The MIME types that an extension can have.

What can not be told is `null`, not `false`, and none of them throws.

Of a file

```
Mime::fromFile('/var/app/uploads/document');   // 'application/pdf'
```

The type is detected by the **content** of the file, not by its name: an image named `photo.txt` is `image/jpeg`. A symbolic link is followed, and an empty file is `application/x-empty`. A content that has no known type is `application/octet-stream`.

It is `null` when the path is not a regular file that can be read (it does not exist, it is a directory, a broken link, a file without permission, an empty path or a path with a null character), or when the type can not be determined.

Of a content

```
Mime::fromContent($content);   // The same type as the file that has this content.
Mime::fromContent('');         // 'application/x-empty'
```

Only the content that is given is read, so it can be just the start of a file. That is enough for the formats that have a signature at the start (images, PDF, ZIP), but not for those that need the end of the file to be known: a `.docx` is detected as `application/zip` with only a start.

Of an extension

```
Mime::typesOfExtension('jpg');    // ['image/jpeg', 'image/pjpeg']
Mime::typesOfExtension('.CSV');   // ['text/csv', ...]
Mime::typesOfExtension('nope');   // []
```

An extension can have more than one type, as its aliases. The case and one leading point do not matter. An extension that is empty or unknown is the empty list.

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