Errors and Translations

The exceptions of Derafu File and how to translate their messages

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Errors and Translations

Every failure of the file system is a `Derafu\File\Exception\FileException`, which extends `TranslatableRuntimeException` of `derafu/translation`. Catching `FileException`, or PHP's `RuntimeException`, catches all of them.

Exception	When
`FileException`	A creation, a reading, a writing, a move, a deletion or an archive fails.
`FileNotFoundException`	A file, a directory or a path that must exist does not.
`FileAccessException`	It exists, but it is not of the expected kind (a directory instead of a file) or it can not be read or written.
`PathException`	A path has a null character, or it leaves the directory that it must stay in.

The last three extend `FileException`. The messages name the file, the directory or the path:

```
try {
    File::read('/var/app/missing.txt');
} catch (FileNotFoundException $e) {
    $e->getMessage();   // The file does not exist: /var/app/missing.txt
}
```

A wrong argument is not a file error. `TempFile::with()` and `Zip::fromContents()` throw a `TranslatableInvalidArgumentException` (an invalid extension, prefix or entry name, or a content that is not a string).

Translations

The messages are translatable and the Spanish translations ship with the package. To have them in your translator, import its services (or add `FileTranslationResourceProvider` to the resource providers of the translator):

```
imports:
    - { resource: '../vendor/derafu/file/resources/config/file-services.yaml' }
```

With the translator, the message of the example above is `El archivo no existe: /var/app/missing.txt`.

Last updated on 05/11/2026