

A photograph of an Amazon warehouse worker in an orange safety vest sorting cardboard boxes on a conveyor belt. The worker is leaning over the belt, which is filled with numerous Amazon boxes. In the background, other workers and yellow pallet jacks are visible. The scene is brightly lit, typical of a large industrial facility.

File Handling

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A photograph of an Amazon warehouse worker in an orange safety vest sorting cardboard boxes on a conveyor belt. The scene is filled with numerous Amazon boxes, some with the Amazon logo. In the background, other workers and yellow industrial equipment are visible. The image is overlaid with a semi-transparent dark layer containing text.

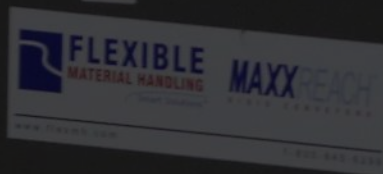
fopen(string path, string mode);

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A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The scene is filled with numerous cardboard boxes, some with the Amazon logo. The worker is leaning over the belt, reaching for a box. In the background, other workers and yellow equipment are visible. The text "The function opens the file specified by path" is overlaid on the image, with "opens" and "path" highlighted in yellow.

The function **opens**
the file specified by **path**



A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The background shows more boxes and industrial equipment.

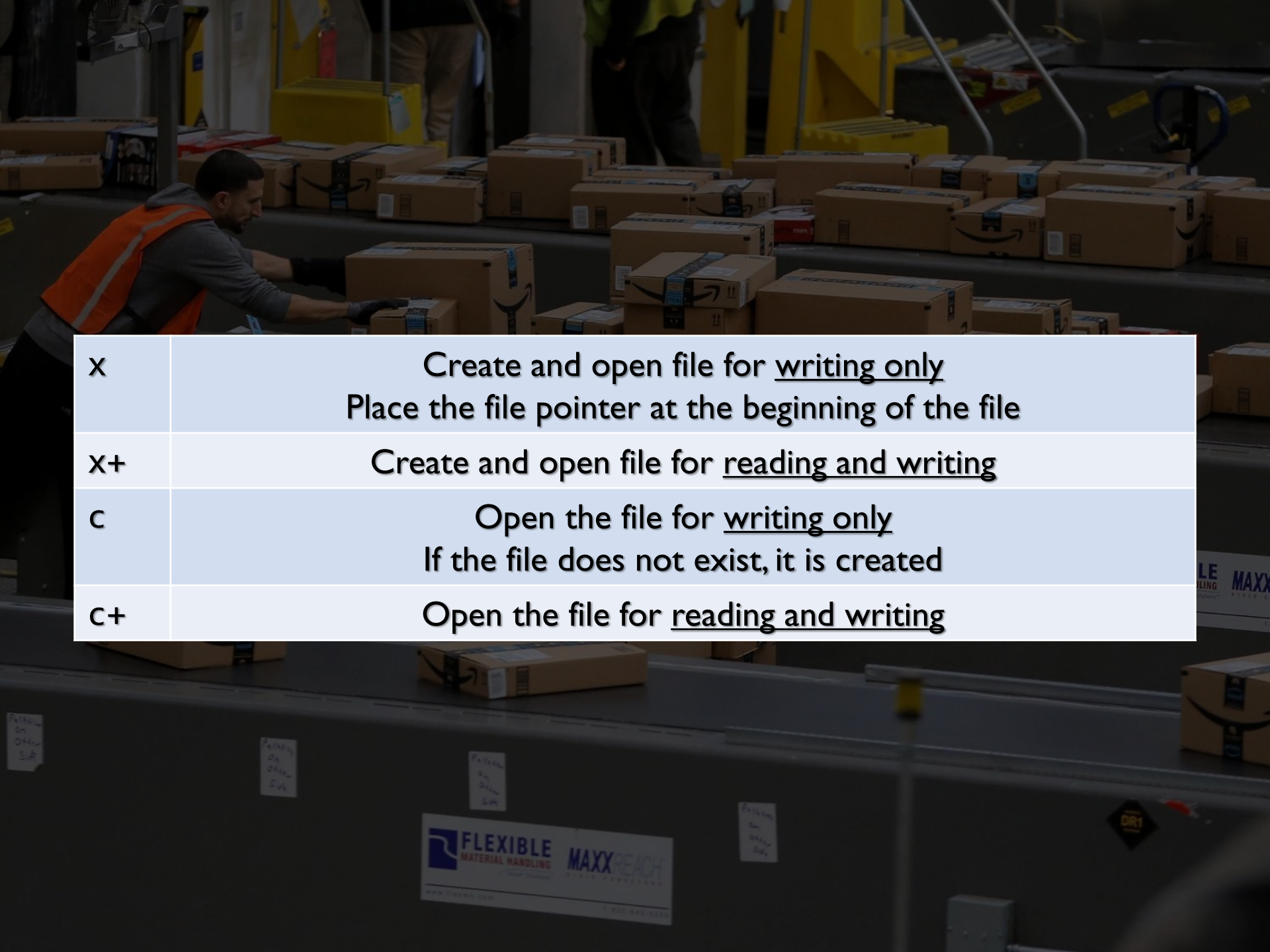
If path begins with **http://**,
an **HTTP connection** is opened

A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The background shows more boxes and other workers. The text is overlaid on the center of the image.


If path begins with **ftp://**,
an **FTP connection** is opened




r	Open the file for <u>reading</u> File pointer will be at <u>beginning of file</u>
r+	Open the file for <u>reading and writing</u> File pointer will be at <u>beginning of file</u>
w	Open the file for <u>writing</u> If the file exists, it will be <u>truncated to zero</u> length If the file doesn't already exist, it will be created
w+	Open the file for <u>reading and writing</u> If the file exists, it will be <u>truncated to zero</u> length If the file doesn't already exist, it will be created
a	Open the file for <u>writing</u> If the file exists, the file pointer will be at the <u>end of the file</u> If the file does not exist, it will be created
a+	Open the file for <u>reading and writing</u> If the file exists, the file pointer will be at the <u>end of the file</u> If the file does not exist, it will be created



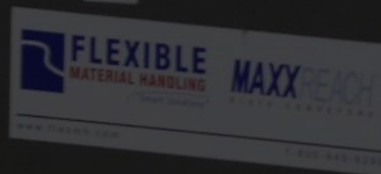
x	Create and open file for <u>writing only</u> Place the file pointer at the beginning of the file
x+	Create and open file for <u>reading and writing</u>
c	Open the file for <u>writing only</u> If the file does not exist, it is created
c+	Open the file for <u>reading and writing</u>



The function **returns** a file
resource handle to the open file
(it doesn't read the file contents)

A photograph of an Amazon warehouse worker in an orange safety vest sorting through numerous cardboard boxes on a conveyor belt. The boxes are stacked and moving along the belt. In the background, other workers and yellow equipment are visible. The scene is dimly lit, with the worker's vest and the boxes providing the main sources of light. The text '\$file_handle = fopen('article.txt', 'r+');' is overlaid in yellow and white on the lower left portion of the image.

```
$file_handle = fopen('article.txt', 'r+');
```



```
$file_handle = fopen('article.txt', 'r+');
```

Satu hati

File pointer



```
$file_handle = fopen('article.txt', 'a+');
```

Satu hati

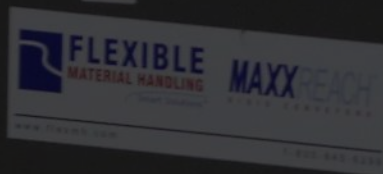
File pointer


A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The scene is dimly lit, with the worker and the boxes being the primary focus. The text is overlaid on the center of the image.

To read the **contents** of the file,
use **fread()**

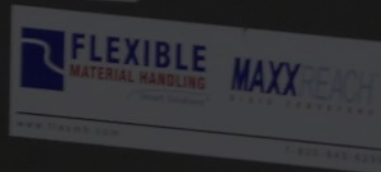


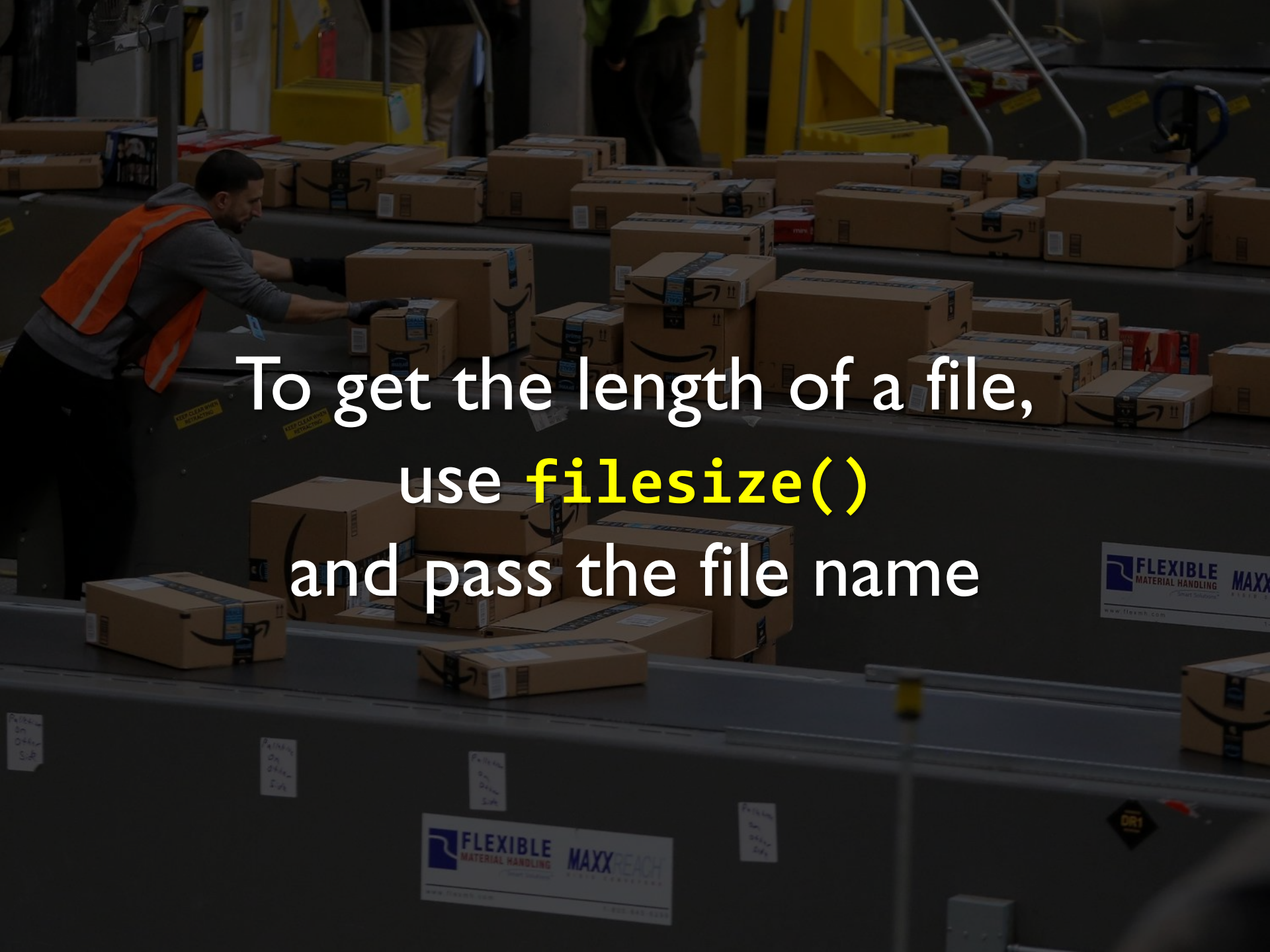
It accepts two parameters:
the file handle and length
of the contents to read
(in bytes)



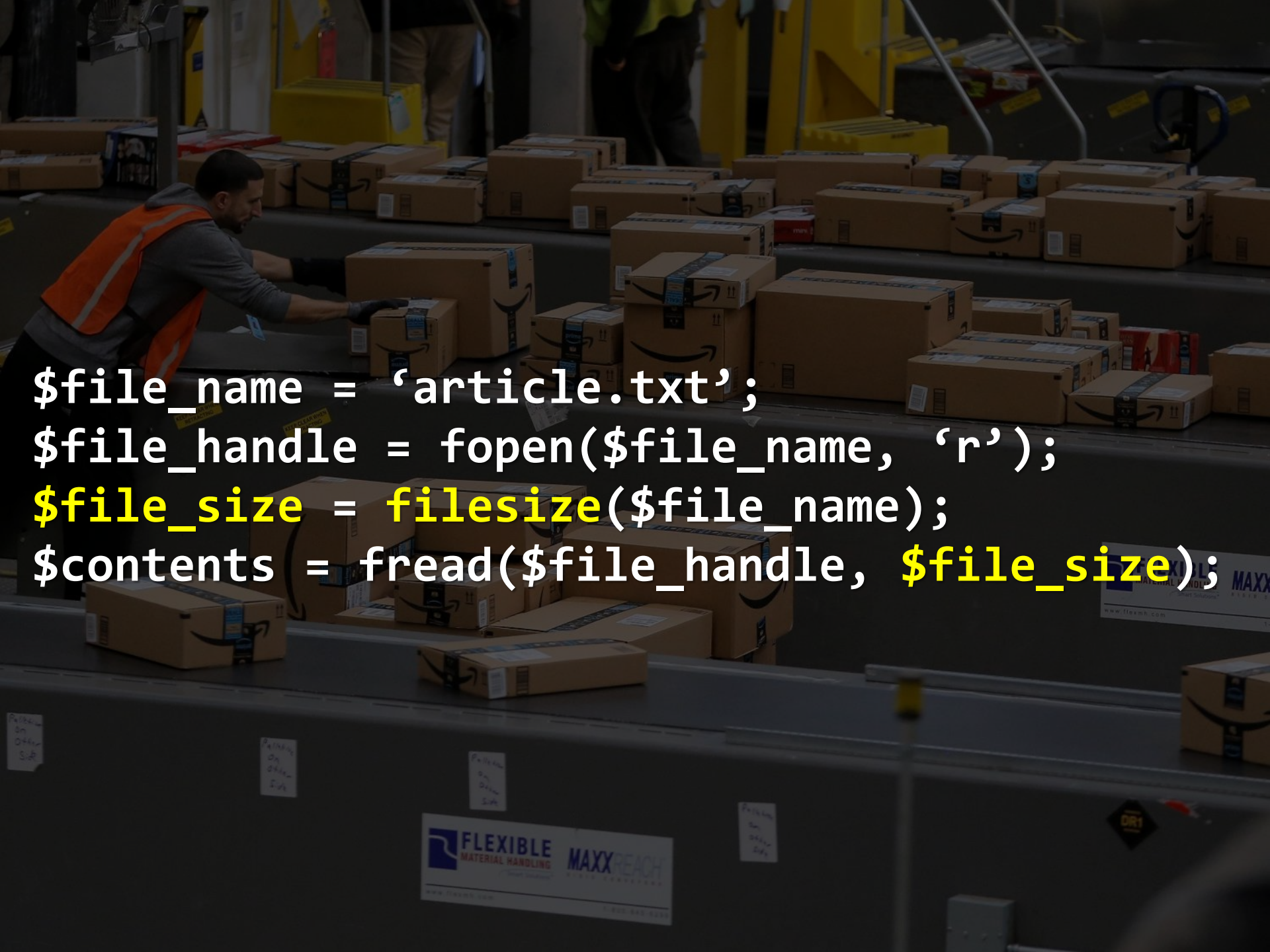
A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The background shows more boxes and other workers.

```
$file_handle = fopen('article.txt', 'r');  
$contents = fread($file_handle, 1024);
```




A warehouse worker wearing an orange safety vest and black gloves is sorting Amazon boxes on a conveyor belt. The background shows more boxes and other workers in a warehouse setting. The text is overlaid on the image.

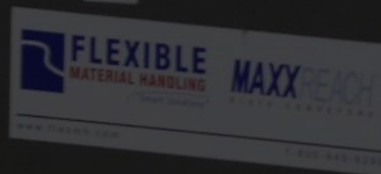
To get the length of a file,
use **filesize()**
and pass the file name

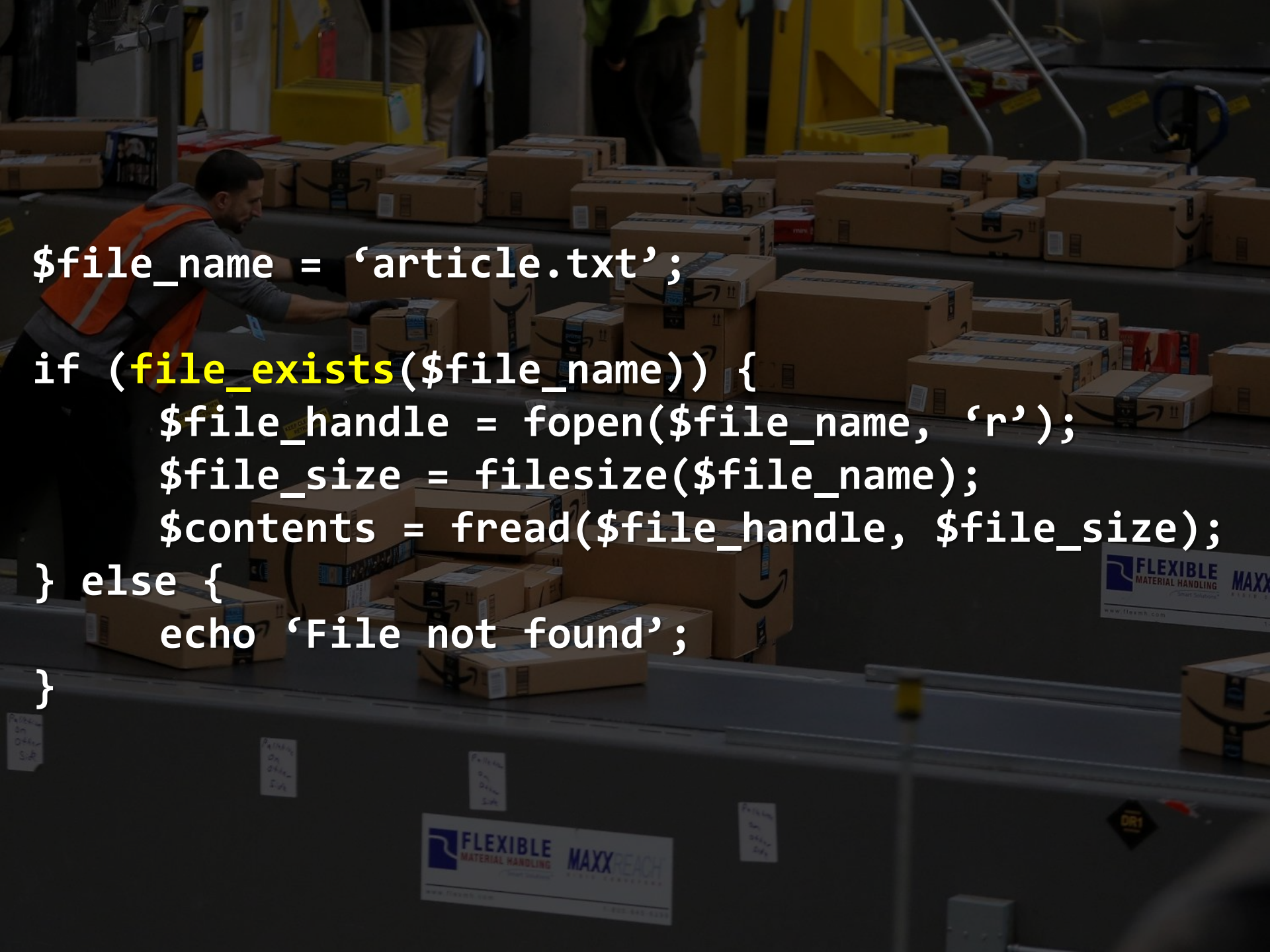
A warehouse worker wearing an orange safety vest and black gloves is sorting Amazon boxes on a conveyor belt. The background shows a large warehouse with many more boxes and other workers. The text is overlaid on the image.

```
$file_name = 'article.txt';  
$file_handle = fopen($file_name, 'r');  
$file_size = filesize($file_name);  
$contents = fread($file_handle, $file_size);
```


A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The scene is filled with many cardboard boxes, some with the Amazon logo. The background shows more boxes and warehouse equipment.

Always check the **file existence**
before reading its contents

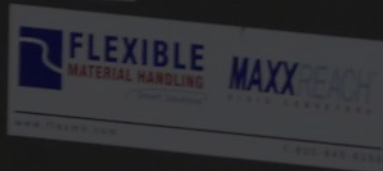


A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt. The background shows a warehouse setting with many more boxes and workers. The text is overlaid on the image.

```
$file_name = 'article.txt';  
if (file_exists($file_name)) {  
    $file_handle = fopen($file_name, 'r');  
    $file_size = filesize($file_name);  
    $contents = fread($file_handle, $file_size);  
} else {  
    echo 'File not found';  
}
```

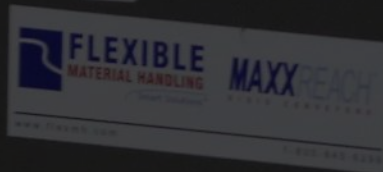

A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The background shows more boxes and industrial equipment.

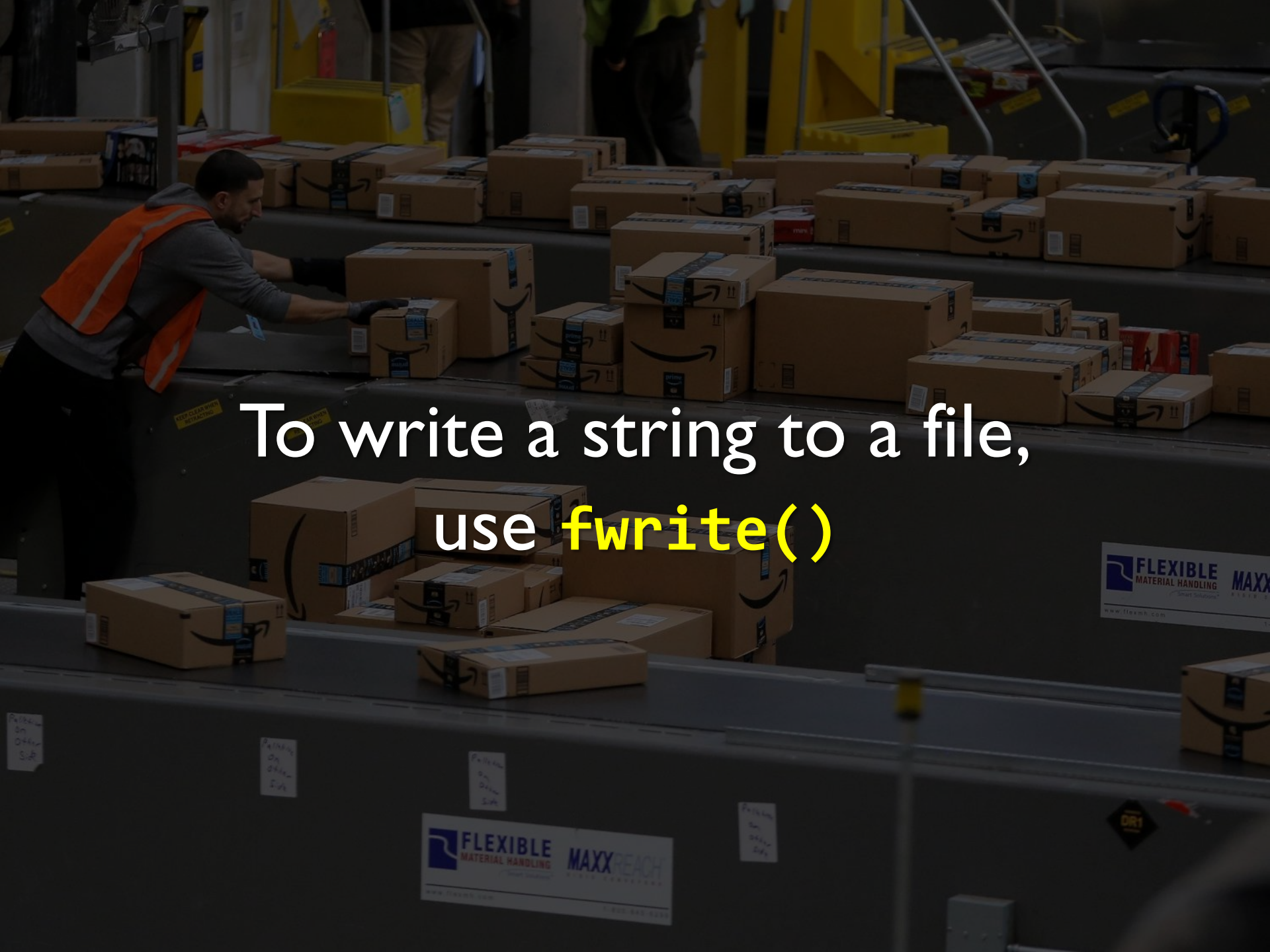
There is a “shortcut function”
to read file contents:
file_get_contents()





```
$contents = file_get_contents('article.txt');
```




A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The scene is dimly lit, with the worker and the boxes being the primary focus. The text is overlaid on the center of the image.

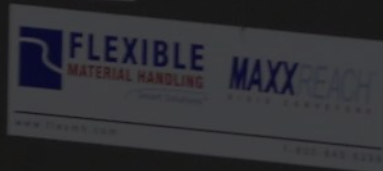
To write a string to a file,
use `fwrite()`

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A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The scene is dimly lit, with the worker and the boxes being the primary focus. The text is overlaid on the lower half of the image.

```
$file_handle = fopen('article.txt', 'r+');  
fwrite($file_handle, 'A string');
```




```
$file_handle = fopen('article.txt', 'r+');
```

Satu hati

File pointer

```
fwrite($file_handle, 'Enam');
```

Enam hati

File pointer


```
$file_handle = fopen('article.txt', 'a');
```

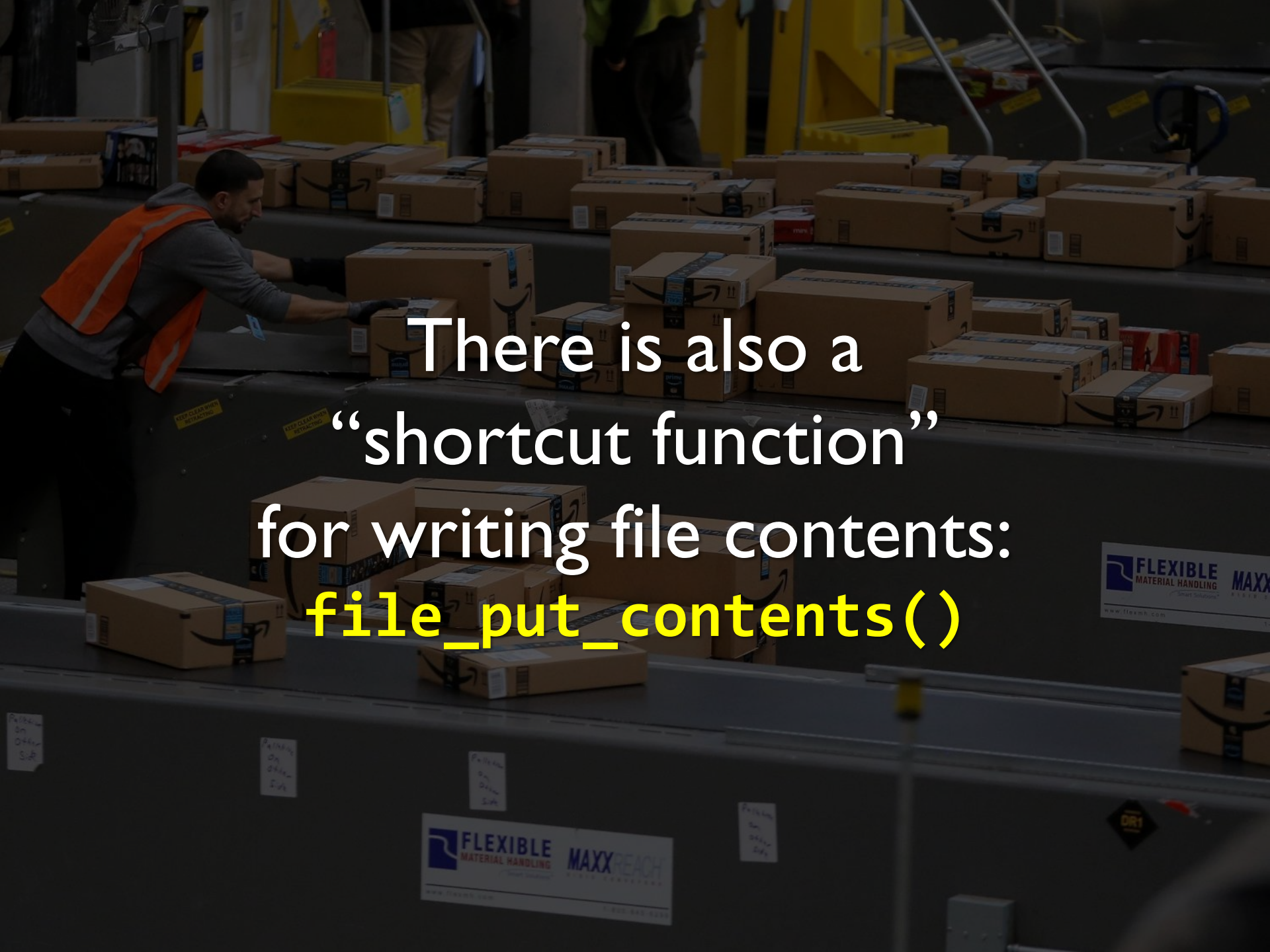
Satu hati

File pointer

```
fwrite($file_handle, ', satu jiwa');
```

Satu hati, satu jiwa

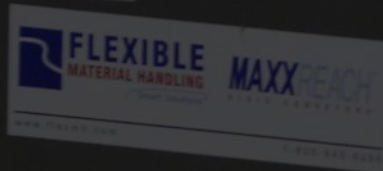
File pointer


A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt. The background shows a warehouse setting with many more boxes and workers. The text is overlaid on the image.

There is also a
“shortcut function”
for writing file contents:
file_put_contents()

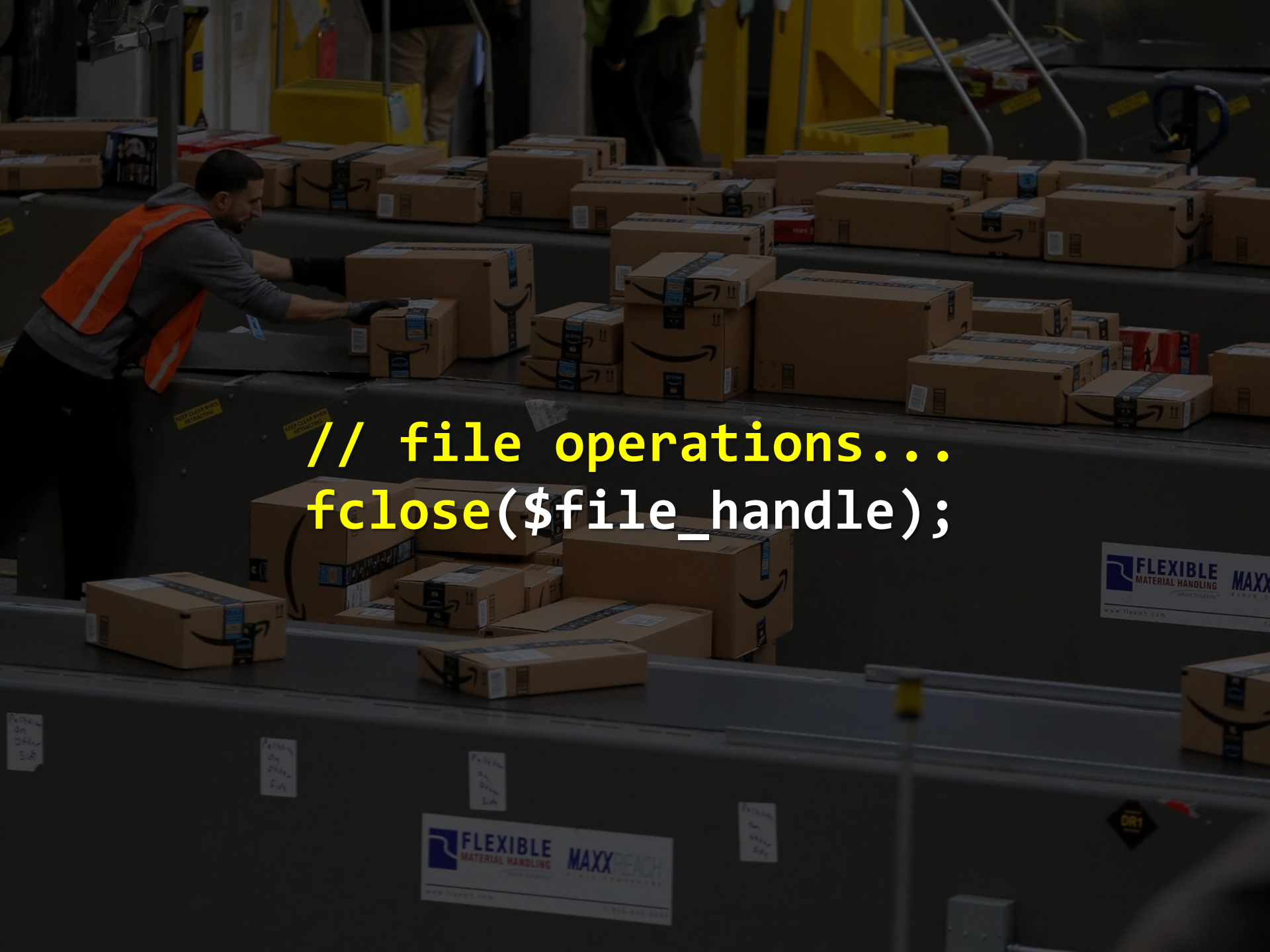


```
file_put_contents('article.txt', 'A string');
```



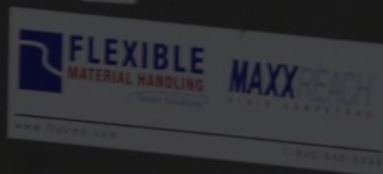
A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The background shows more boxes and other workers. The text 'Finally, release the file handle using the fclose() function' is overlaid on the image.


Finally, release the file handle
using the `fclose()` function

A photograph of an Amazon warehouse worker in an orange safety vest sorting cardboard boxes on a conveyor belt. The scene is filled with numerous Amazon boxes, some with the Amazon logo. The worker is leaning over the belt, moving boxes. In the background, other workers and yellow equipment are visible. The image is overlaid with a semi-transparent dark grey rectangle containing text.

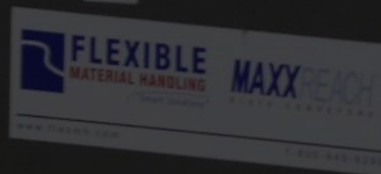
```
// file operations...  
fclose($file_handle);
```

// file operations...
fclose(\$file_handle);



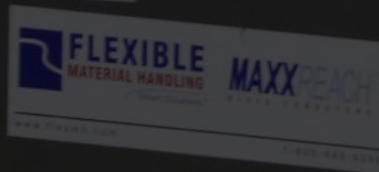
A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The scene is filled with numerous cardboard boxes, some of which have the Amazon logo. The worker is leaning over the belt, reaching for a box. In the background, other workers and yellow equipment are visible. The text "There are numerous file-related utility functions" is overlaid in white on the image.

There are numerous
file-related utility functions



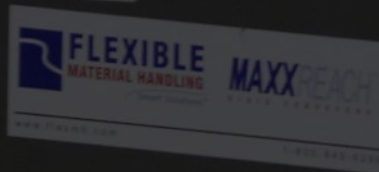
A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The scene is dimly lit, with the worker and the boxes being the primary focus. The text is overlaid in the center of the image.

`filetime(string file)` gets
the file's last access time



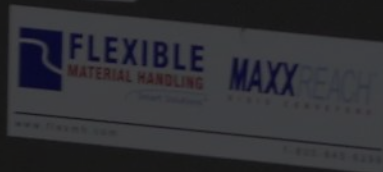
A warehouse worker wearing an orange safety vest and black gloves is sorting Amazon boxes on a conveyor belt. The worker is leaning over the belt, which is filled with numerous cardboard boxes, many of which have the Amazon logo. In the background, other workers and yellow pallet jacks are visible. The scene is dimly lit, with the worker's vest providing a point of contrast.

`filemtime(string file)` gets
the `file`'s last modified time



A warehouse worker wearing an orange safety vest and black gloves is sorting Amazon boxes on a conveyor belt. The worker is leaning over the belt, which is filled with numerous cardboard boxes, many of which have the Amazon logo. In the background, other workers and yellow pallet jacks are visible. The scene is dimly lit, with the worker's vest providing a point of contrast.

`fileowner(string file)` gets
the `file`'s owner's user ID



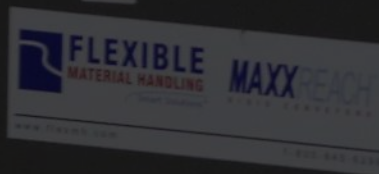
A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt. The background shows a warehouse setting with many more boxes and workers. The text is overlaid on the image.

`fileperms(string file)` gets
the `file`'s permissions



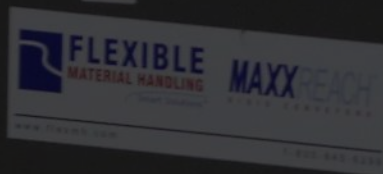
A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The scene is filled with many cardboard boxes, some with the Amazon logo. In the background, other workers and yellow equipment are visible. The text is overlaid on the center of the image.


`filetype(string file)` gets
the type of the `file`



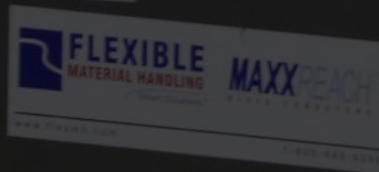
A photograph of an Amazon warehouse worker in an orange safety vest sorting through numerous cardboard boxes on a conveyor belt. The boxes are stacked and moving along the belt. The worker is leaning over the belt, reaching for a box. The background shows more boxes and the industrial setting of a warehouse.

`unlink(string file)`
deletes the file



A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt. The background shows a warehouse setting with more boxes and equipment. The text is overlaid on the image.

`rename(string old, string new)`
renames a file
from **old** to **new**



A photograph of an Amazon warehouse worker in an orange safety vest sorting through numerous cardboard boxes on a conveyor belt. The boxes are stacked and moving along the belt. The worker is leaning over the belt, reaching for a box. The background shows more boxes and the industrial setting of a warehouse.

`copy(string src, string dst)`
copies `src` file to `dst`

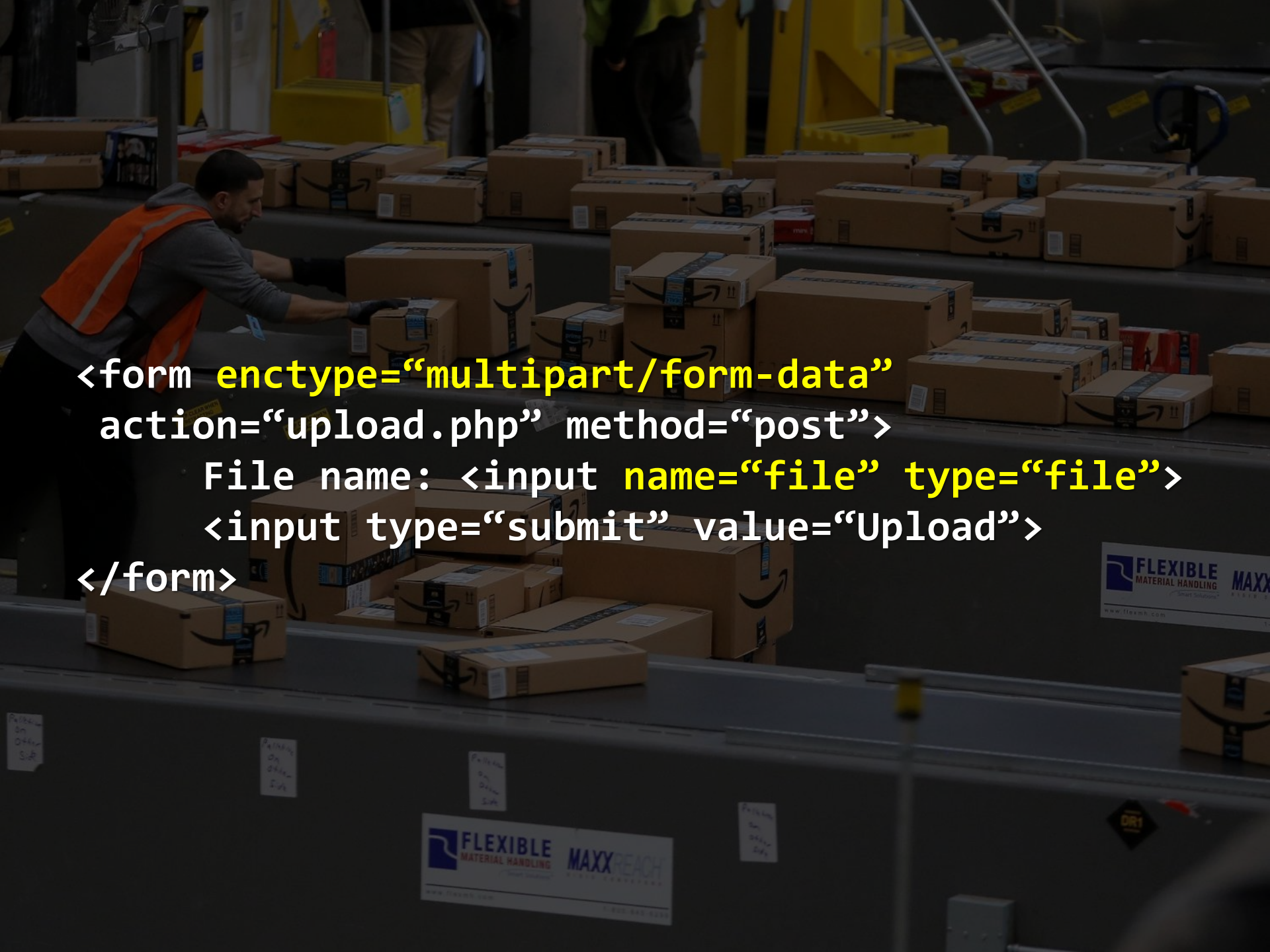


File Uploads

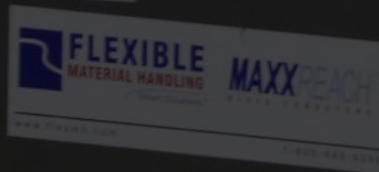


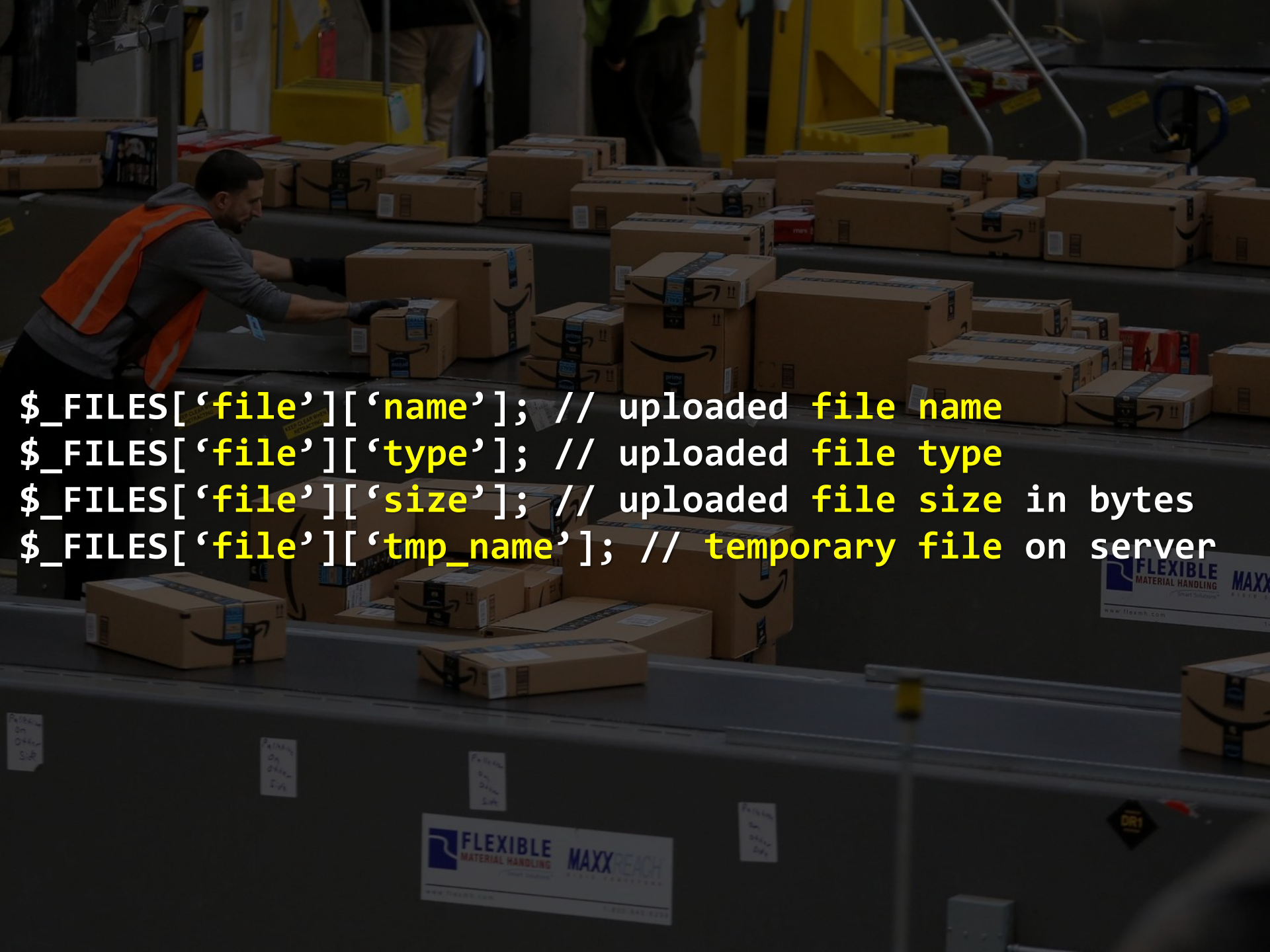
A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The background shows more boxes and other workers. The text "To handle file uploads, use the \$_FILES array" is overlaid in the center.

To handle file uploads,
use the `$_FILES` array

A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The background shows more boxes and industrial equipment.

```
<form enctype="multipart/form-data"
  action="upload.php" method="post">
  File name: <input name="file" type="file">
  <input type="submit" value="Upload">
</form>
```

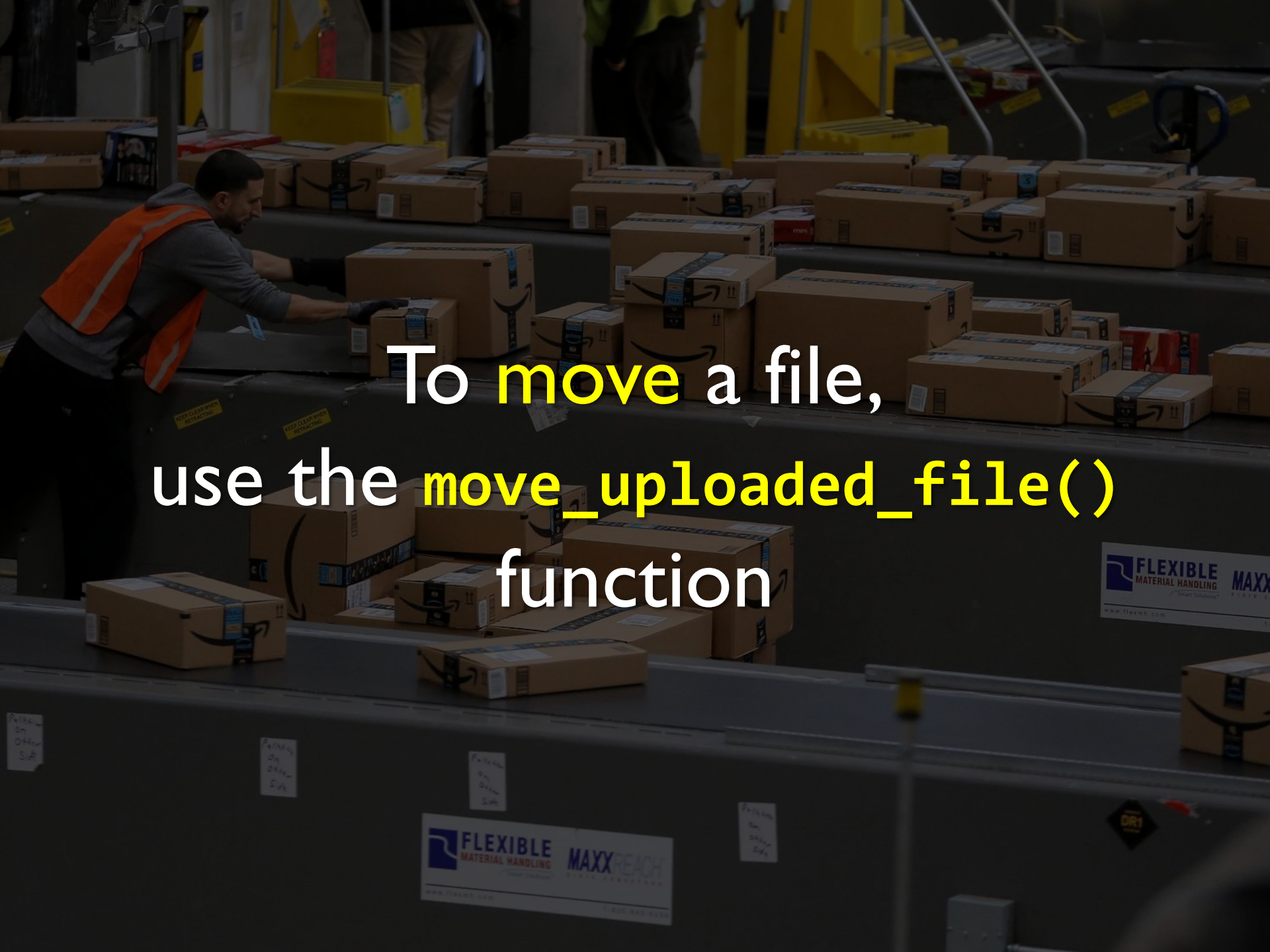




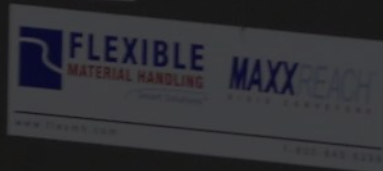
```
$_FILES['file']['name']; // uploaded file name  
$_FILES['file']['type']; // uploaded file type  
$_FILES['file']['size']; // uploaded file size in bytes  
$_FILES['file']['tmp_name']; // temporary file on server
```

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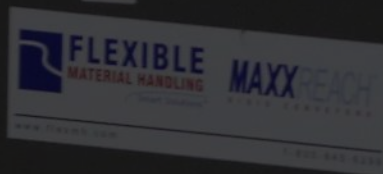
A warehouse worker wearing an orange safety vest and black gloves is sorting Amazon boxes on a conveyor belt. The worker is leaning over the belt, which is filled with numerous cardboard boxes, many of which have the Amazon logo. In the background, other workers and yellow pallet jacks are visible. The scene is dimly lit, with the worker's vest and the boxes providing the main sources of light. The text "To move a file, use the move_uploaded_file() function" is overlaid in the center of the image.

To move a file,
use the `move_uploaded_file()`
function



A warehouse worker wearing an orange safety vest and black gloves is sorting Amazon boxes on a conveyor belt. The worker is leaning over the belt, moving a box. The background shows more boxes and other workers in a warehouse setting. The text is overlaid on the image in a yellow and white font.

```
move_uploaded_file(  
    $_FILES['file']['tmp_name'],  
    "path/to/put/file/{$file}"  
);
```





Alhamdulillah.

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KEEP CLEAR WHEN
RETRACTING

KEEP CLEAR WHEN
RETRACTING

A worker in an orange safety vest is sorting Amazon boxes on a conveyor belt in a warehouse. The background shows more boxes and industrial equipment.

Please fill out the **questionnaire** on
bit.ly/kuesioner-pw

