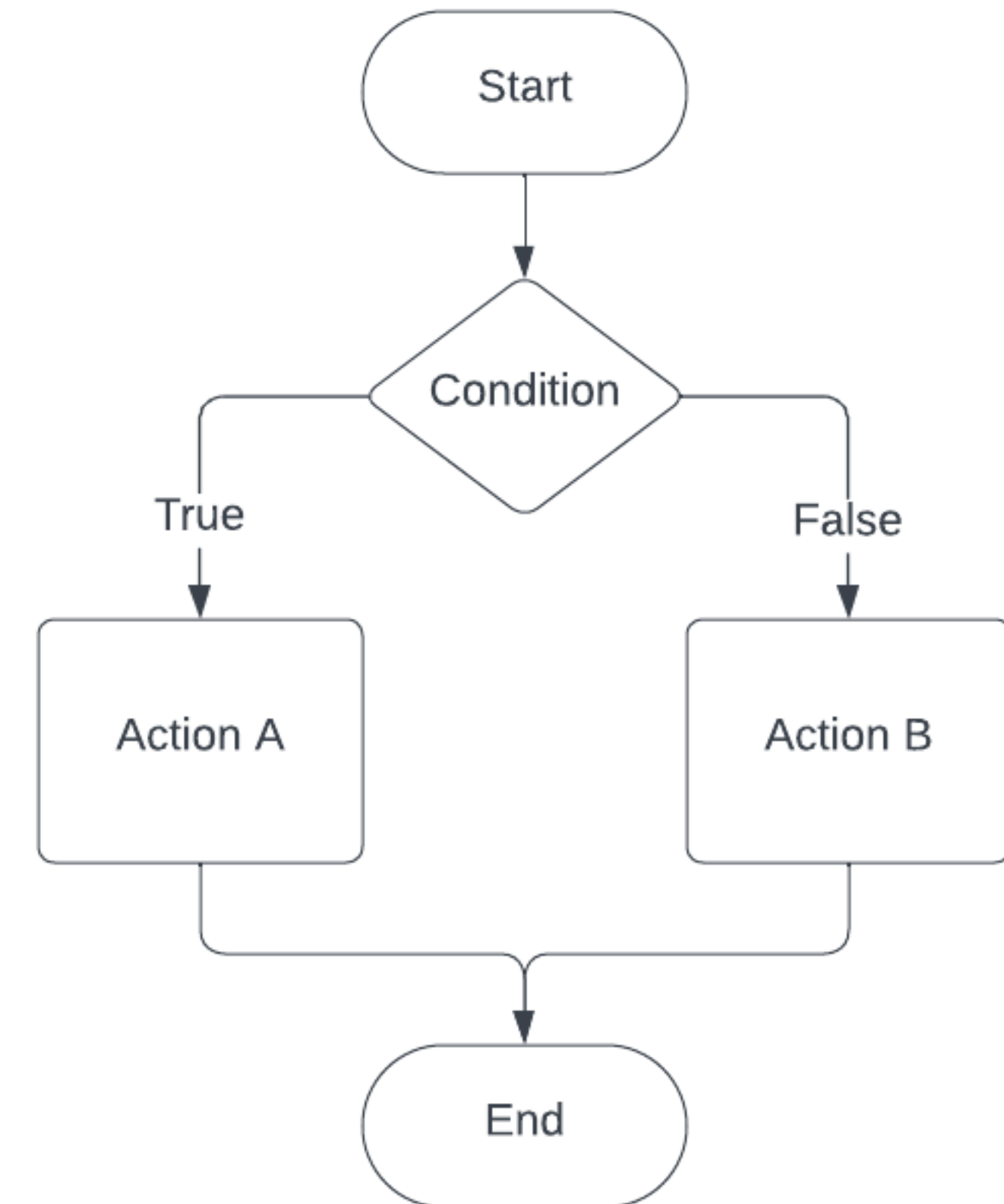# Execution conditionnelle simplifiée

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Instruction conditionnelle

La base

if 1/3

```php
<?php

if (true) echo "w00t";
```

if 2/3

```php
<?php

if (true) :
    echo "w00t";
endif;
```

if 3/3

```php
<?php

if (true) {
    echo "w00t";
}
```

ternaire

```php
<?php

echo true ? "w00t" : "w00t quand même";
```

switch

```php
<?php

switch (true) {
    case true:
        echo "w00t";
        break;
    default:
        echo "w00t quand même";
}
```

match

```php
<?php

echo match (true) {
    true => "w00t",
    default => "w00t quand même",
};
```

Du code "normal"

```php
<?php

declare(strict_types=1);

require_once '../vendor/autoload.php';

if (isItTrue(true)) {
    print("Message 1!" . PHP_EOL);
}
if (isItTrue(false)) {
    print("Message 2!" . PHP_EOL);
}

print("The end." . PHP_EOL);
```

Peut-on faire plus simple? 🤔

Note

- Tout ce qui suit passe PhpStan niveau 9 sans aucune erreur

- Tout ce qui suit passe PHPCS en standard PSR-12 v

- Les fonctions utilisées

```php
<?php

function isItTrue(bool $isIt): bool
{
    return true === $isIt;
}

function returnPositiveValue(int $value): ?int
{
    return $value >= 0 ? $value : null;
}
```

or

```php
<?php

declare(strict_types=1);

require_once '../vendor/autoload.php';

isItTrue(true) or print("Message 1!" . PHP_EOL);
isItTrue(false) or print("Message 2!" . PHP_EOL);

print("The end." . PHP_EOL);
```

Output

```
→ php conditions-2.php
Message 2!
The end.
```

Le trauma 😱

mysql_connect or die

```php
<?php

$conn = mysql_connect(
    'localhost',
    'root',
    'openbar'
) or die('oops!');
```

and

```php
<?php

declare(strict_types=1);

require_once '../vendor/autoload.php';

isItTrue(true) and print("Message 1!" . PHP_EOL);
isItTrue(false) and print("Message 2!" . PHP_EOL);

print("The end." . PHP_EOL);
```

Output

```
→ php conditions-1.php
Message 1!
The end.
```

| or

```php
<?php

declare(strict_types=1);

require_once '../vendor/autoload.php';

isItTrue(false) | isItTrue(false) or print("Message 1!" . PHP_EOL);
isItTrue(false) | isItTrue(true) or print("Message 2!" . PHP_EOL);
isItTrue(true) | isItTrue(true) or print("Message 3!" . PHP_EOL);

print("The end." . PHP_EOL);
```

Output

```
→ php conditions-4.php
Message 1!
The end.
```

& and

```php
<?php

declare(strict_types=1);

require_once '../vendor/autoload.php';

isItTrue(false) & isItTrue(false) and print("Message 1!" . PHP_EOL);
isItTrue(false) & isItTrue(true) and print("Message 2!" . PHP_EOL);
isItTrue(true) & isItTrue(true) and print("Message 3!" . PHP_EOL);

print("The end." . PHP_EOL);
```

Output

```
→ php conditions-3.php
Message 3!
The end.
```

Affectation conditionnelle

```php
<?php

declare(strict_types=1);

require_once '../vendor/autoload.php';

null !== $value = returnPositiveValue(-15)
    or $value = returnPositiveValue(9001);

var_dump($value);
```

Output

```
→ php conditions-5.php
int(9001)
```

Lectures

- Précédence des opérateurs https://www.php.net/manual/en/language.operators.precedence.php

- Opérateurs logiques https://www.php.net/manual/en/language.operators.logical.php

Des questions?

Merci à tous