Twitter Thread by Caleb Porzio



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■■ PHP 7.3 is here!

Here are the things I'm excited about.

■ Trailing commas in function/method calls!

This will certainly be a required styling choice for me. Same delightful benefits of trailing comma in multi-line PHP arrays, and JavaScript objects.



■ Less disgusting heredoc syntax!

Inlining heredoc strings in any way right now is grrrosssss. Now we get sensible capabilities. Everything that was wrong with it is now fixed!

(Ignore the bad syntax highlighting)



■■ Finally, not-so-silent json_decode error detection!

This really sucked before, now it just sucks a bit less (who wants to pass a 4th param and pass 2 default params first? (helper function anybody?)

```php
// Can't tell you how many times I've been bit by this:
$payload = json_decode($rawJson);

// If the JSON is bad, it will fail silently and return null.
// You have to run this to get an error:

if (is_null($payload)) {
    echo json_last_error_msg();
}

// Now we can pass a fourth (seriously?) param:

$payload = json_decode($rawJson, false, 512, JSON_THROW_ON_ERROR);

// And a \JsonException will be thrown if an error is encountered
```

■ Not horrible functions for getting the first and last item (or key) from an array!

Before you either strung a bunch of functions together or messed with internal array pointers. This is a much-needed improvement.

```php
$gumballs = ['blue', 'green', 'cerulean'];

// Currently:
reset($gumballs); // 'blue' (Bad because it messes with $gumballs pointer)
end($gumballs); // 'cerulean' (Bad for reason above)
reset($gumballs); key($gumballs); // 0 (Horrible for obvious reasons)
end($gumballs); key($gumballs); // 2 (ew)
// Note, there are a bunch of ways to accomplish these.


// Now, with PHP 7.3!
array_value_first($gumballs); // 'blue'
array_value_last($gumballs); // 'cerulean'
array_key_first($gumballs); // 0
array_key_last($gumballs); // 2
```

And that's all the things I care about! Check out this link more all the details in more depth: https://t.co/sXtgYRVN57