# PSR Clock

This repository holds the interface for [PSR-20](https://www.php-fig.org/psr/psr-20).

Note that this is not a clock of its own. It is merely an interface that describes a clock. See the specification for more details.

## Installation

composer require psr/clock

## Usage

If you need a clock, you can use the interface like this:

<?php

use Psr\Clock\ClockInterface;

class Foo

{

private ClockInterface $clock;

public function \_\_construct(ClockInterface $clock)

{

$this->clock = $clock;

}

public function doSomething()

{

/\*\* @var DateTimeImmutable $currentDateAndTime \*/

$currentDateAndTime = $this->clock->now();

// do something useful with that information

}

}

You can then pick one of the [implementations](https://packagist.org/providers/psr/clock-implementation) of the interface to get a clock.

If you want to implement the interface, you can require this package and implement Psr\Clock\ClockInterface in your code.

Don't forget to add psr/clock-implementation to your composer.jsons provides-section like this:

{

"provides": {

"psr/clock-implementation": "1.0"

}

}

And please read the [specification text](https://github.com/php-fig/fig-standards/blob/master/proposed/clock.md) for details on the interface.