

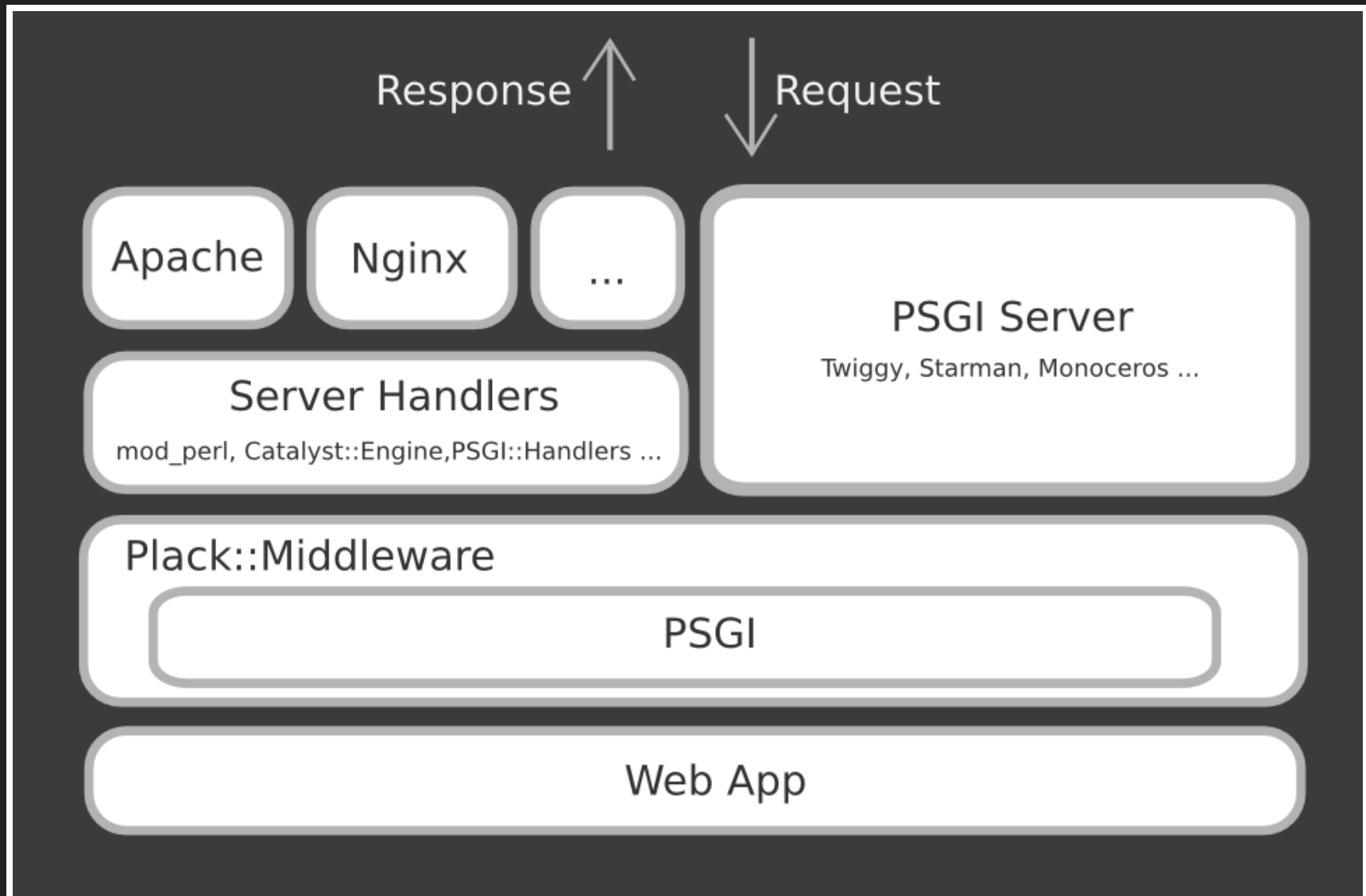
REST API IN PLACK(PSGI)

by [Václav Dovrtěl](#)

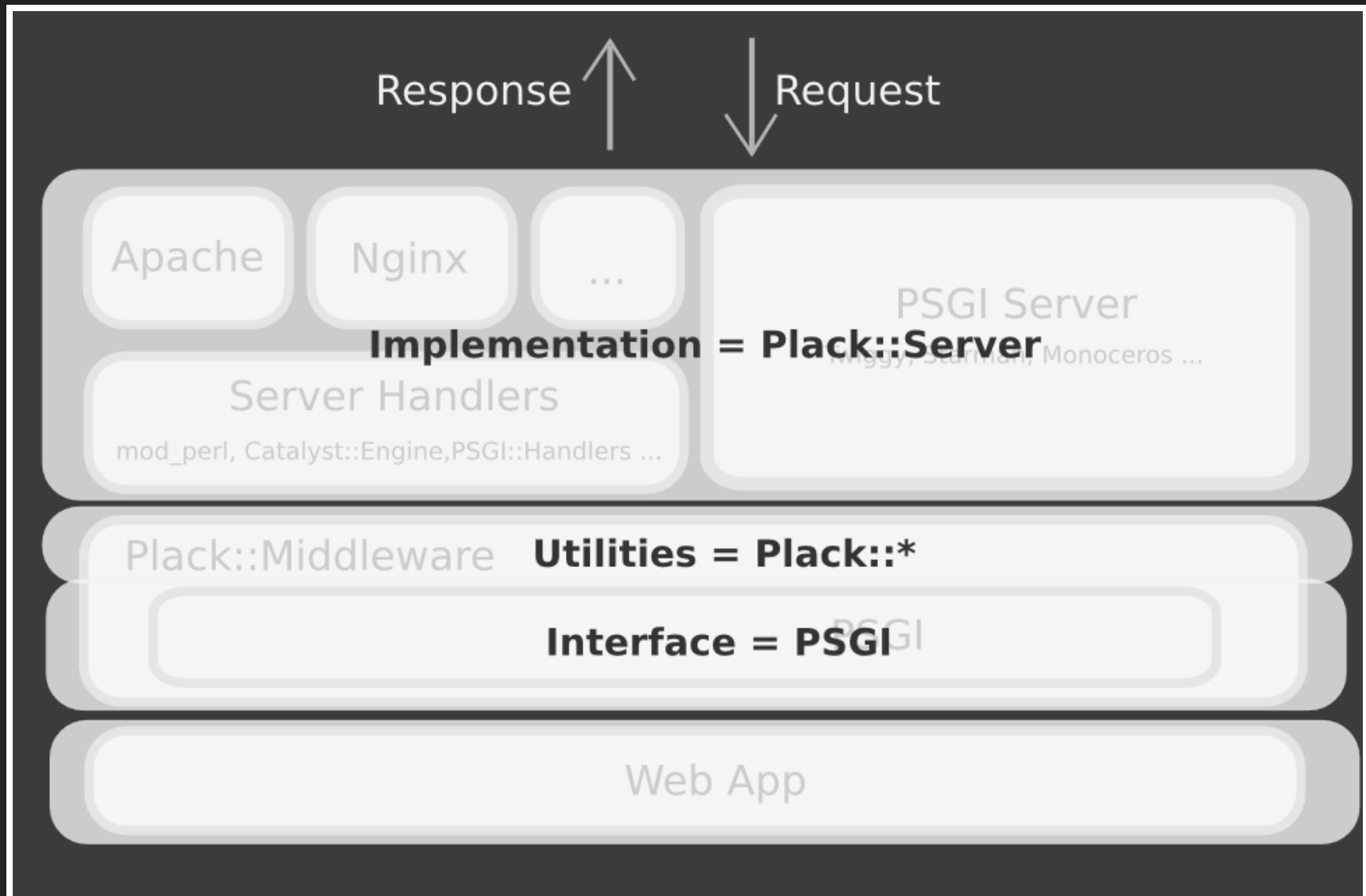
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OVERVIEW



PSGI, PLACK



PSGI

Interface

Author: Tatsuhiko Miyagawa

Inspired by: Python's WSGI and Ruby's Rack.

<http://plackperl.org/>

HELLO WORLD

```
my $app = sub {  
  my $env = shift;  
  
  return [  
    200, # Status  
    ['Content-Type', 'text/plain'], # Header  
    ['Hello World'] # Body  
  ]  
}
```

EXAMPLE 1

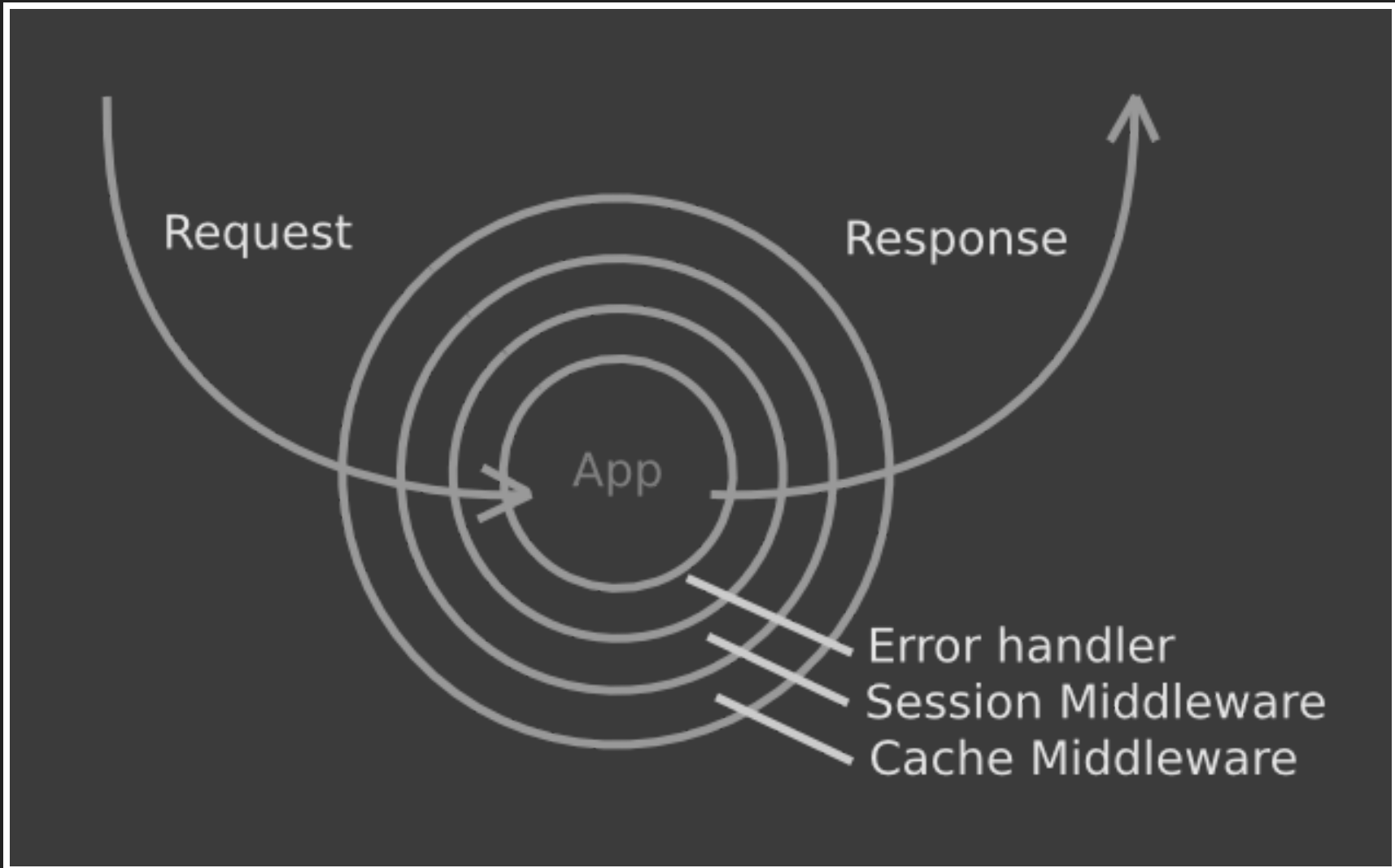
Hello World example

PLACK

Tools

- Middleware - Plack::Middleware::*
- Application - Plack::App::* (::File, ::Proxy, ...)
- Handler - Plack::Handler::* (::CGI, ::FCGI ...)

MIDDLEWARE



HELLO WORLD MIDDLEWARE

```
my $mw = sub {  
    my $env = shift;  
  
    ### Pre App  
  
    ### App  
    my $res = $app->($env);  
  
    ### Post App  
    return $res;  
};  
  
}
```

EXAMPLE 2

Hello World Middleware example

PLACK::BUILDER

```
use Plack::Builder;

my $app = sub { ... };

builder {
    enable "Deflater";
    enable "Session", store => "File";
    enable "Debug", panels => [ qw(DBITrace Memory Timer) ];
    enable "+My::Plack::Middleware";
    $app;
};
```

EXAMPLE 3

Plack::Builder example

PERFORMANCE

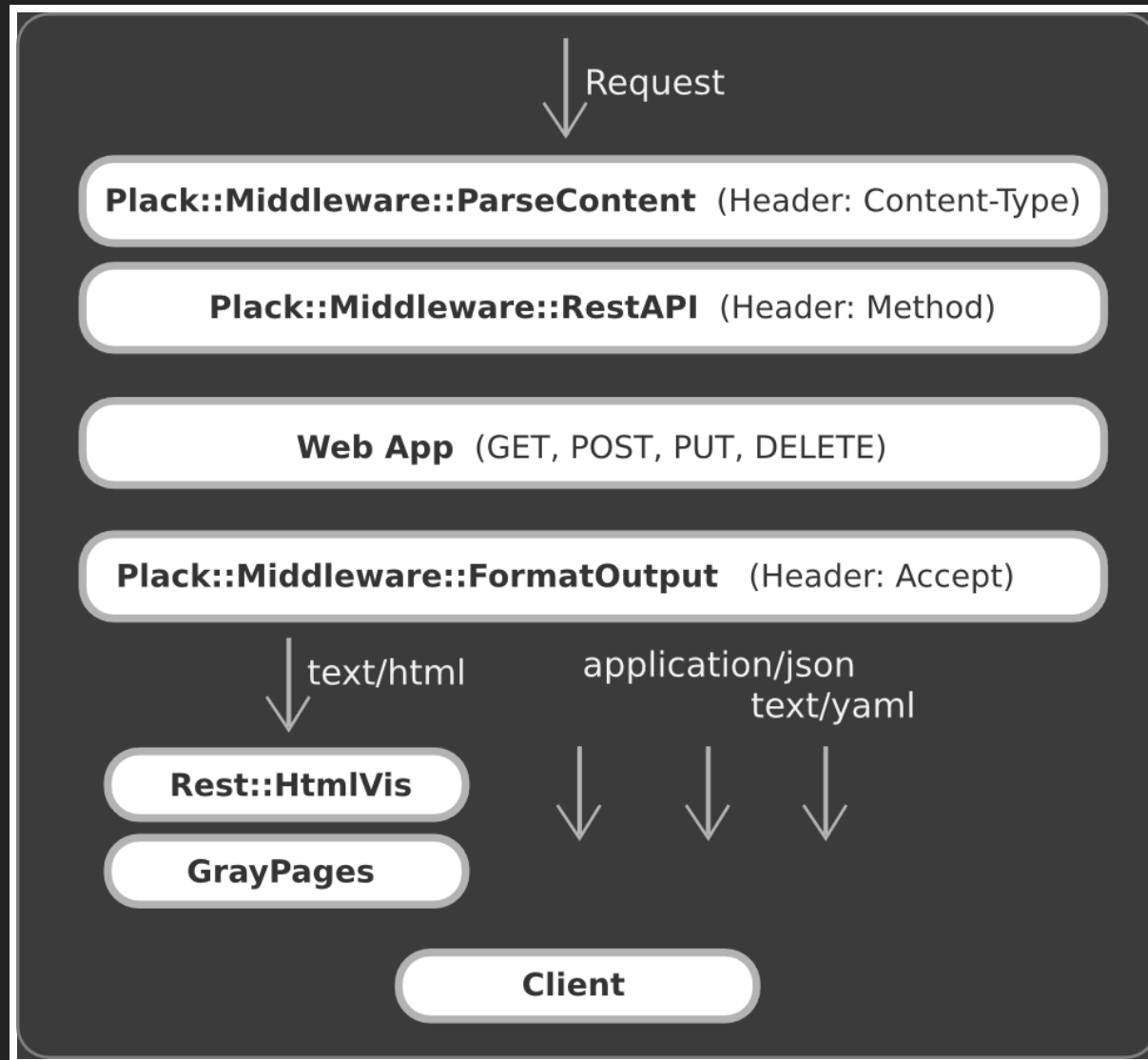
4core i5, 8GB RAM

"Hello World" test:

- Monoceros - 19k req/s
- Twiggy (PreFork) - 14k req/s
- Starman - 10k req/s
- NodeJS - 5k req/s

REST API MIDDLEWARES

LIBRARIES



DEMO

github.com/vasekd/plack-rest-api-example

Václav Dovrtěl

Presentation generated by github.com/mj41/Presentation-Builder
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