

Hello!



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Backend Developer w



Laravel Queues Are Awesome



No account yet?

Create an account to log in to TourRadar

COMPANY NAME

e.g. Wild Adventures

COMPANY EMAIL

e.g. company@office.com

CHOOSE PASSWORD

.....

Next →



Once you've created an account, you can log in and complete your onboarding at any time.

Co jest ważne dla strony internetowej?

tourradar™

Szybkość

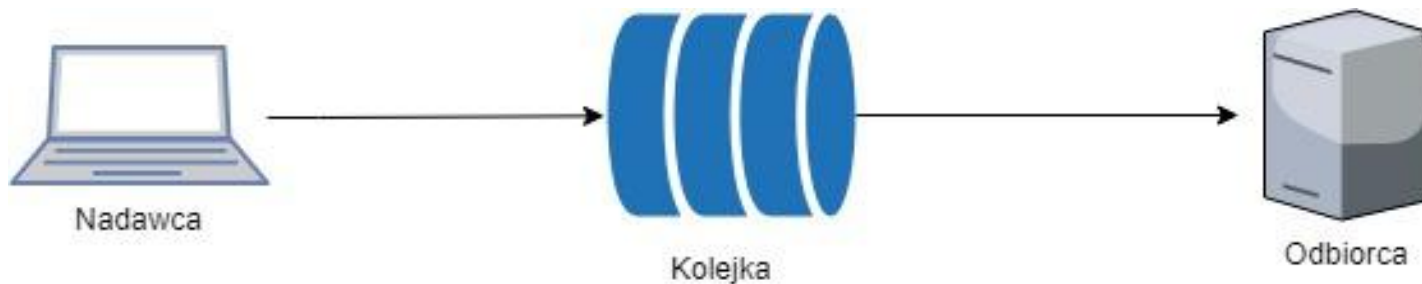
Skalowalność

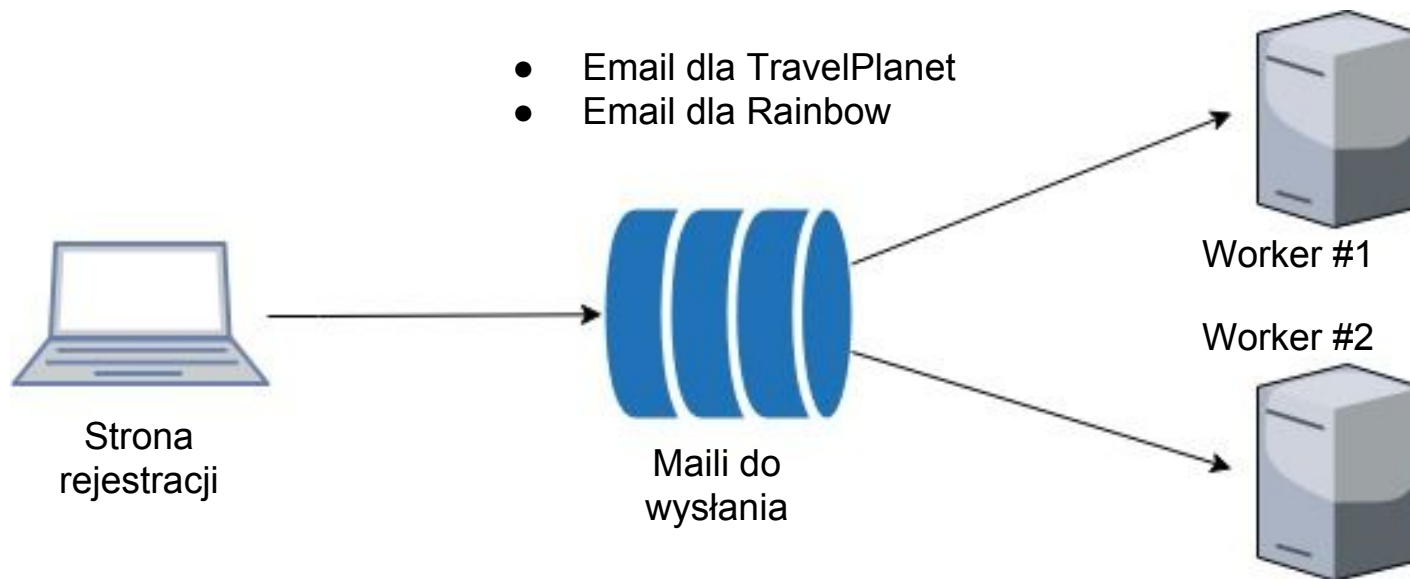
Niezawodność

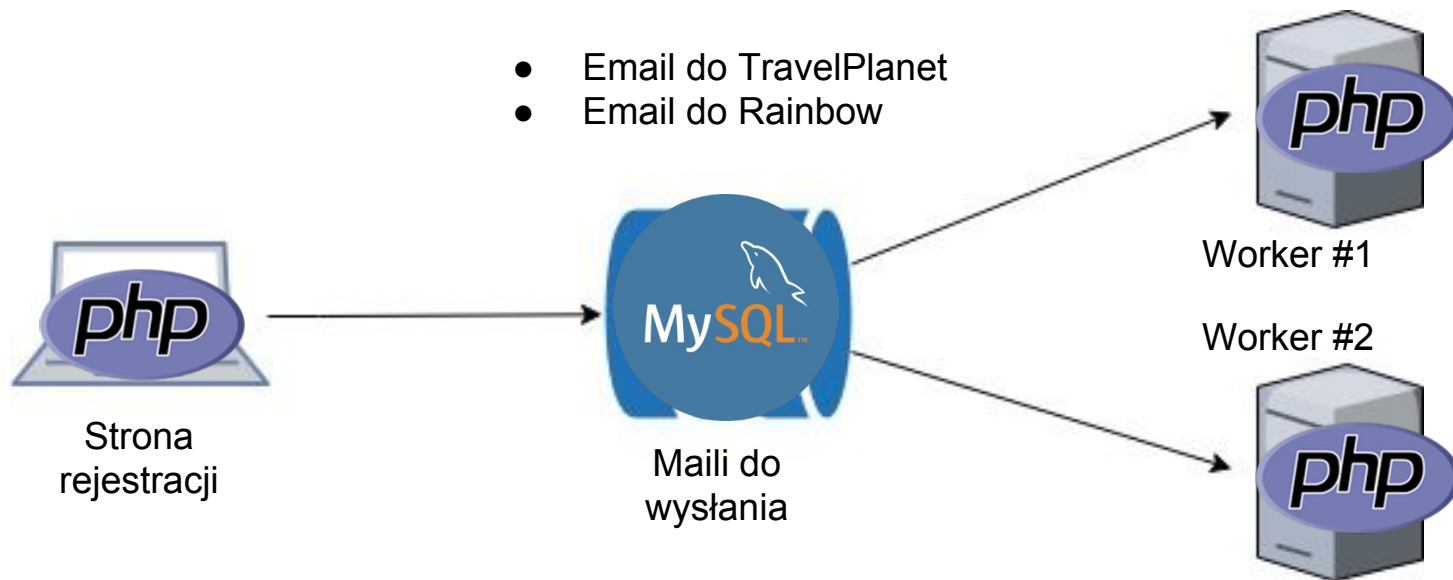


Czym jest kolejka

sekwencja zadań, które oczekują na przetworzenie







Strona
rejestracji

Maili do
wysłania

Worker #1

Worker #2

Strona rejestracji zrobione o 1 w nocy

Company Name:

Company Email:

Password:

Next



Controller który obsługuje formularz

```
class RegistrationController extends Controller
{
  public function register(Request $request)
  {
    $this->dispatch(new CreateAsanaTasks($request->input( key: 'company_name')));
    $this->dispatch(new SendConfirmationEmail());

    return view( view: 'welcome', ['success' => true]);
  }
}
```

Tabeli 'jobs' i 'failed_jobs' w bazie danych MySql

default.jobs: 2 rows total (approximately)

Next

Show all

Sorting

| id | queue | payload | attempts | reserved_at | available_at | created_at |
|----|---------|---|----------|-------------|---------------|---------------|
| 1 | default | {"displayName": "App\\Jobs\\CreateAsanaTasks", "job": "Il..."} | 0 | (NULL) | 1 544 021 457 | 1 544 021 457 |
| 2 | default | {"displayName": "App\\Jobs\\SendConfirmationEmail", "job": "Il..."} | 0 | (NULL) | 1 544 021 457 | 1 544 021 457 |

default.failed_jobs: 1 rows total (approximately)

Next

Show all

Sorting

Columns (6/

| id | connection | queue | payload | exception | failed_at |
|----|------------|---------|--|--|---------------------|
| 2 | database | default | {"displayName": "App\\Jobs\\CreateAsanaTasks", "job": "Il..."} | RuntimeException: u mnie działa in /var/www/app/jobs/... | 2018-12-05 15:08:59 |

```
class CreateAsanaTasks implements ShouldQueue
{
    use InteractsWithQueue, Queueable, SerializesModels;

    private $companyName;

    public function __construct(string $companyName)
    {
        $this->companyName = $companyName;
    }

    public function handle()
    {
        sleep( seconds: 5);

        if ($this->companyName === 'janusze biznesu' && $this->attempts() === 1) {
            throw new \RuntimeException( message: 'u mnie działa');
        }
    }
}
```

```
class SendConfirmationEmail implements ShouldQueue
{
    use Dispatchable, InteractsWithQueue, Queueable, SerializesModels;

    public function handle()
    {
        sleep( seconds: 1);
    }
}
```

```
root@f9c6ed4048a4:/var/www# php artisan make:job CreateAsanaTasks
```

Plik konfiguracji środowiska .env

Synchronicznie

Asynchronicznie

```
APP_NAME=Laravel
APP_ENV=local
APP_KEY=base64:/d06TvM2fe68rSg9Vp0CovE/1ESEJQS79oB3U0pGkTc=
APP_DEBUG=true
APP_URL=http://localhost
```

```
LOG_CHANNEL=stack
```

```
DB_CONNECTION=mysql
DB_HOST=mysql
DB_PORT=3306
DB_DATABASE=default
DB_USERNAME=default
DB_PASSWORD=secret
```

```
BROADCAST_DRIVER=log
```

```
CACHE_DRIVER=file
```

```
QUEUE_CONNECTION=sync
```

```
SESSION_DRIVER=file
```

```
SESSION_LIFETIME=120
```

```
REDIS_HOST=redis
```

```
REDIS_PORT=6379
```

```
APP_NAME=Laravel
APP_ENV=local
APP_KEY=base64:/d06TvM2fe68rSg9Vp0CovE/1ESEJQS79oB3U0pGkTc=
APP_DEBUG=true
APP_URL=http://localhost
```

```
LOG_CHANNEL=stack
```

```
DB_CONNECTION=mysql
DB_HOST=mysql
DB_PORT=3306
DB_DATABASE=default
DB_USERNAME=default
DB_PASSWORD=secret
```

```
BROADCAST_DRIVER=log
```

```
CACHE_DRIVER=file
```

```
QUEUE_CONNECTION=database
```

```
SESSION_DRIVER=file
```

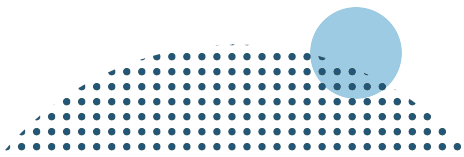
```
SESSION_LIFETIME=120
```

```
REDIS_HOST=redis
```

```
REDIS_PORT=6379
```

```
root@bf2a24f973fc:/var/www# php artisan queue:work database
```

php artisan queue:work
vs
php artisan queue:listen



Skalowalność

```
root@bf2a24f973fc: /var/www
root@bf2a24f973fc:/var/www# php artisan queue:work database
[2018-12-05 15:02:32][3] Processing: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:37][3] Processed: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:37][6] Processing: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:37][6] Processed: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:37][7] Processing: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:42][7] Processed: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:42][10] Processing: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:42][10] Processed: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:42][11] Processing: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:47][11] Processed: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:47][13] Processing: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:47][13] Processed: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:47][14] Processing: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:47][14] Processed: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:47][15] Processing: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:52][15] Processed: App\Jobs\CreateAsanaTasks

root@bf2a24f973fc: /var/www
root@bf2a24f973fc:/var/www# php artisan queue:work database
[2018-12-05 15:02:33][4] Processing: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:33][4] Processed: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:36][5] Processing: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:41][5] Processed: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:41][8] Processing: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:41][8] Processed: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:41][9] Processing: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:46][9] Processed: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:46][12] Processing: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:51][12] Processed: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:51][16] Processing: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:51][16] Processed: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:51][17] Processing: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:56][17] Processed: App\Jobs\CreateAsanaTasks
[2018-12-05 15:02:57][20] Processing: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:57][20] Processed: App\Jobs\SendConfirmationEmail
[2018-12-05 15:02:57][21] Processing: App\Jobs\CreateAsanaTasks
[2018-12-05 15:03:02][21] Processed: App\Jobs\CreateAsanaTasks
```


Niezawodność

```
CA root@bf2a24f973fc: /var/www
```

```
root@bf2a24f973fc:/var/www# php artisan queue:work database --tries=1
[2018-12-05 15:05:08][49] Processing: App\Jobs\CreateAsanaTasks
[2018-12-05 15:05:08][49] Failed: App\Jobs\CreateAsanaTasks
[2018-12-05 15:05:08][50] Processing: App\Jobs\SendConfirmationEmail
[2018-12-05 15:05:08][50] Processed: App\Jobs\SendConfirmationEmail
```

```
root@bf2a24f973fc:/var/www# php artisan queue:retry all
The failed job [1] has been pushed back onto the queue!
root@bf2a24f973fc:/var/www#
```

```
CA root@bf2a24f973fc: /var/www
```

```
root@bf2a24f973fc:/var/www# php artisan queue:work database --tries=1
[2018-12-05 15:05:08][49] Processing: App\Jobs\CreateAsanaTasks
[2018-12-05 15:05:08][49] Failed: App\Jobs\CreateAsanaTasks
[2018-12-05 15:05:08][50] Processing: App\Jobs\SendConfirmationEmail
[2018-12-05 15:05:08][50] Processed: App\Jobs\SendConfirmationEmail
[2018-12-05 15:07:17][51] Processing: App\Jobs\CreateAsanaTasks
[2018-12-05 15:07:22][51] Processed: App\Jobs\CreateAsanaTasks
```



Thanks!

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<https://github.com/lebedyncrs/lublin-it-6>

