Getting Started · Installation

Generated Fri, Nov 6, 2026 1:58 PM · Single page

Installation

Local development setup for the multi-tenant CRM.

Requirements

Component	Version / notes
PHP	8.2+ with extensions typical for Laravel (`pdo`, `mbstring`, `openssl`, `tokenizer`, `xml`, `ctype`, `json`, `bcmath`, `fileinfo`)
Composer	2.x
Node.js + npm	For Vite frontend assets
Database	SQLite (default) or MySQL 8+
Optional	Mailpit (local mail), ngrok (Meta webhooks to localhost)

1. Clone and install PHP dependencies

```
git clone <repository-url> crm
cd crm
composer install
```

Or use the project setup script (installs deps, copies `.env`, generates key, migrates, builds assets):

```
composer setup
```

2. Environment file

```
cp .env.example .env
php artisan key:generate
```

Set at least:

```
APP_NAME="CRM"
APP_URL=http://127.0.0.1:8000
DB_CONNECTION=sqlite
QUEUE_CONNECTION=database
```

For SQLite, ensure the database file exists:

```
# Windows PowerShell
New-Item -ItemType File -Force database/database.sqlite

# macOS / Linux
touch database/database.sqlite
```

For MySQL, comment out SQLite and set:

```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
```

```
DB_DATABASE=crm
DB_USERNAME=root
DB_PASSWORD=
```

See Configuration for the full variable list.

3. Migrate and seed

```
php artisan migrate
php artisan db:seed
php artisan permissions:sync
```

`permissions:sync` upserts permissions from `config/permissions.php` and refreshes default role grants.

4. Frontend assets

```
npm install
npm run build
# or for hot reload during development:
npm run dev
```

5. Run the app

Option A — simple

```
php artisan serve
```

Option B — full local stack (server + queue + logs + Vite):

```
composer dev
```

Queues (required for channel webhooks)

In a separate terminal if not using `composer dev`:

```
php artisan queue:work --queue=channels,default
```

6. First login

After seeding you typically have a default company and users from the database seeders. Create or reset a user as needed:

```
php artisan tinker
```

Confirm you can open:

- Marketing site: `/`
- Tenant CRM: `/login` → `/dashboard`
- Super Admin: `/superadmin` (platform Super Admin users only)

7. Optional: Meta / Channels local testing

1. Set `META_APP_SECRET` in `.env` and run `php artisan config:clear`.
2. Expose localhost with ngrok: `ngrok http 8000`.
3. Connect a channel under **Administration → Channels**.

4. Point Meta webhooks at the ngrok HTTPS URL.

Details: Channels overview.

Verification checklist

- ☐ `php artisan about` runs without errors
- ☐ `php artisan test` passes (or at least Feature suite for your area)
- ☐ Dashboard loads for a tenant admin
- ☐ Queue worker processes a test job
- ☐ Mail: with `MAIL_MAILER=log`, check `storage/logs` — or use Mailpit on port 1025

Common install issues

Symptom	Fix
`No application encryption key`	`php artisan key:generate`
SQLite “unable to open database”	Create `database/database.sqlite` and check permissions
MySQL index name too long (channels migration)	Use current migrations (short custom index names); drop partial tables if a prior run failed mid-way
Channels menu missing	`php artisan permissions:sync`
CSS/JS missing	`npm run build`

More: Troubleshooting.