

Task 1

Integrate and Run medusa locally

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Step-1 : We need to have prerequisites to install Medusa in the local system.

- NodeJs
- Git
- PostgreSQL

Step-2 : Installing yarn

- **COMMAND:** npm install --global yarn

```
24-09-10T12_16_01_414Z-debug-0.log
alpha@Akhands-MacBook-Pro ~ % npm install --global yarn
          added 1 package in 5s
```

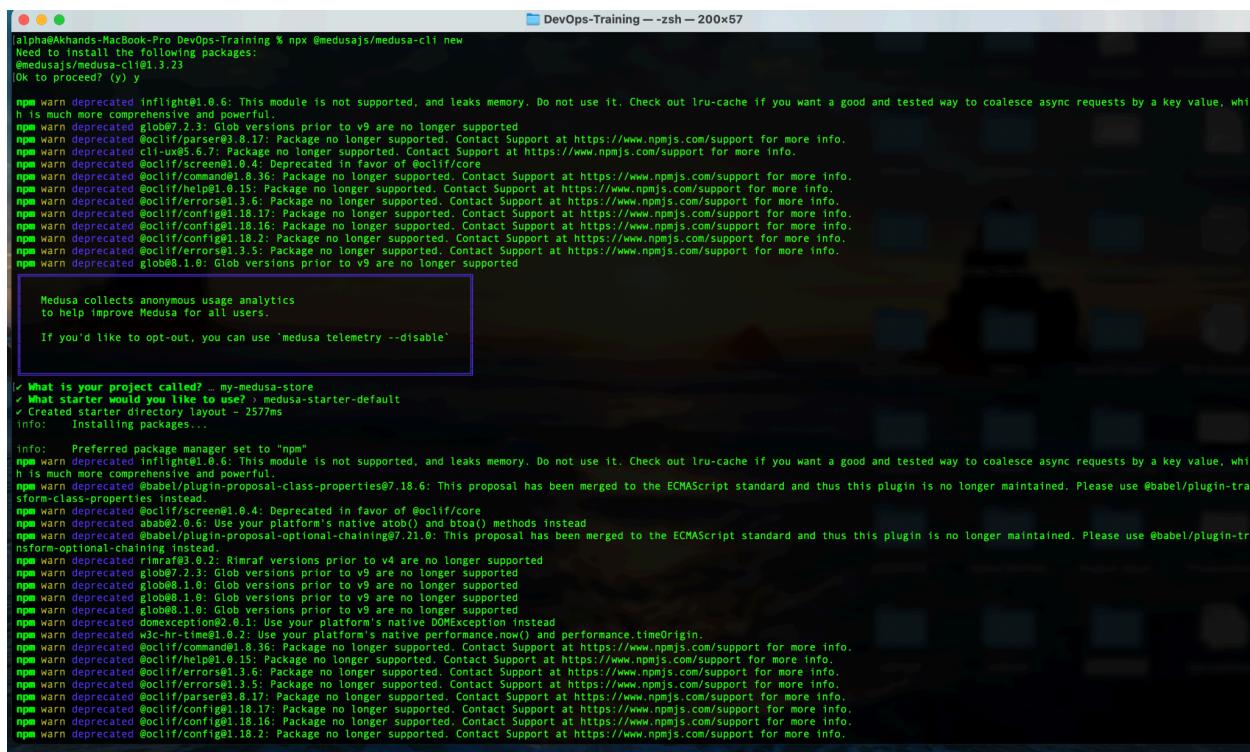
```
alpha@Akhands-MacBook-Pro ~ % yarn global add @medusajs/medusa-cl
[yarn global v1.22.22
[1/4]  Resolving packages...
warning @medusajs/medusa-cl > glob@7.2.3: Glob versions prior to v9 are no longer supported
warning @medusajs/medusa-cl > glob > inflight@0.6: This module is not supported, and leaks memory. Do not use it. Check out lrucache if you want a good and tested way to coalesce async requests by a key value, which is much more comprehensive and powerful.
warning @medusajs/medusa-cl > pg-pool > @oclif/config@1.8.17: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > cli-ux@5.6.7: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/command@0.8.36: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
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warning @medusajs/medusa-cl > pg-pool > cli-ux > @oclif/command@0.8.36: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/config@1.8.17: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/plugin-help > @oclif/config@1.18.2: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/config > @oclif/config@0.8.36: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/parser@0.8.17: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/plugin-help > @oclif/config > @oclif/parser@0.8.17: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/config > @oclif/errors@1.3.6: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/errors@1.3.6: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/plugin-help > @oclif/config@0.8.36: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/plugin-help > @oclif/errors@1.3.5: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/plugin-help > @oclif/config > @oclif/errors@1.3.6: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/plugin-help > @oclif/config@0.8.17: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/plugin-help > @oclif/config@1.18.1: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/plugin-help > @oclif/config@1.18.15: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/plugin-command > @oclif/help > @oclif/config@1.8.16: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/plugin-command > @oclif/help > @oclif/errors@1.3.6: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/plugin-command > @oclif/help > @oclif/config > @oclif/errors@1.3.6: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
warning @medusajs/medusa-cl > pg-pool > @oclif/plugin-command > @oclif/help > @oclif/config > @oclif/errors@0.8.17: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
.
warning @medusajs/medusa-cl > @medusajs/medusa-cl@0.1.23: Glob versions prior to v9 are no longer supported
warning @medusajs/medusa-cl > @medusajs/utils > @mkro-orm/migrations > umzug > glob@0.1.0: Glob versions prior to v9 are no longer supported
warning @medusajs/medusa-cl > @medusajs/utils > @mkro-orm/migrations > umzug > glob > inflight@0.6.6: This module is not supported, and leaks memory. Do not use it. Check out lrucache if you want a good and tested way to coalesce async requests by a key value, which is much more comprehensive and powerful.
[2/4]  Fetching packages...
[3/4]  Linking dependencies...
[4/4]  Building fresh packages...
success Installed "medusajs/medusa-cl@0.1.23" with binaries:
  - medusa
'+' Done in 44.75s.
```

Step 3: Installing and running the medusa

Command : yarn global add @medusajs/medusa-cli

Step 4: create your own project using the following commands

Command: npx @medusajs/medusa-cli new



```
alpha@Akhands-MacBook-Pro DevOps-Training % npx @medusajs/medusa-cli new
Need to install the following packages:
@medusajs/medusa-cli@1.3.23
[Ok to proceed? (y) y

npm warn deprecated inflight@0.6.0: This module is not supported, and leaks memory. Do not use it. Check out lrucache if you want a good and tested way to coalesce async requests by a key value, which is much more comprehensive and powerful.
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated @glob/parser@3.8.17: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated @glob/glob@3.3.2: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated @glob/screen@1.1.4: Deprecated in favor of @oclif/core@1.1.4
npm warn deprecated @oclif/command@1.8.36: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated @oclif/help@0.1.8:6: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated @oclif/config@1.18.17: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated @oclif/config@1.18.16: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated @oclif/config@1.18.12: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated @oclif/errors@1.3.5: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated glob@0.1.0: Glob versions prior to v9 are no longer supported

  Medusa collects anonymous usage analytics
  to help improve Medusa for all users.

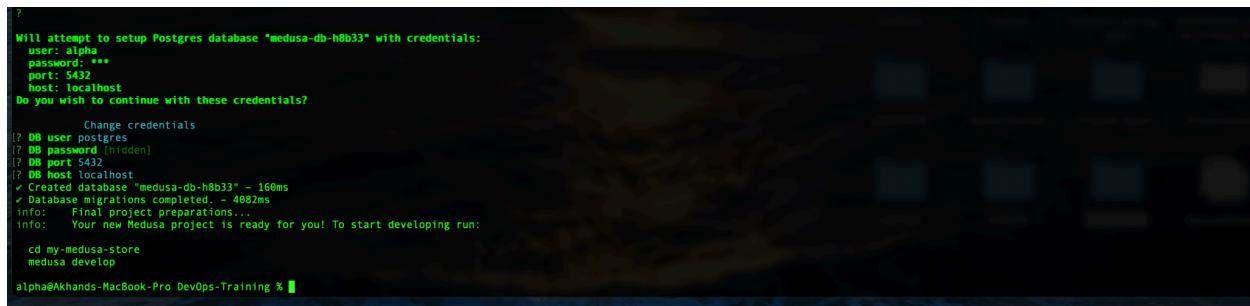
  If you'd like to opt-out, you can use 'medusa telemetry --disable'

✓ What is your project called? ... my-medusa-store
✓ What starter would you like to use? > medusa-starter-default
✓ Created starter directory layout - 2577ms
info:  Installing packages...

inifer: Preferred package manager set to "npm"
npm warn deprecated inflight@0.6.0: This module is not supported, and leaks memory. Do not use it. Check out lrucache if you want a good and tested way to coalesce async requests by a key value, which is much more comprehensive and powerful.
npm warn deprecated @babel/plugin-proposal-class-properties@7.18.6: This proposal has been merged to the ECMAScript standard and thus this plugin is no longer maintained. Please use @babel/plugin-transform-class-properties instead
npm warn deprecated @oclif/screen@0.1.6: Deprecated in favor of @oclif/core
npm warn deprecated abab@2.0.6: Use your platform's native atob() and btoa() methods instead
npm warn deprecated @babel/plugin-proposal-optional-chaining@7.21.0: This proposal has been merged to the ECMAScript standard and thus this plugin is no longer maintained. Please use @babel/plugin-transform-optional-chaining instead
npm warn deprecated @oclif/time@0.1.3: Rimraf versions prior to v4 are no longer supported
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated glob@0.1.0: Glob versions prior to v9 are no longer supported
npm warn deprecated glob@0.1.0: Glob versions prior to v9 are no longer supported
npm warn deprecated glob@0.1.0: Glob versions prior to v9 are no longer supported
npm warn deprecated domexception@0.2.0: Use your platform's native DOMException instead
npm warn deprecated w3c-hr-time@0.1.2: Use your platform's native performance.now() and performance.timeOrigin.
npm warn deprecated @oclif/command@1.8.36: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated @oclif/npm@0.1.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated @oclif/errors@1.3.5: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated @oclif/parser@3.8.17: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated @oclif/config@1.18.17: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated @oclif/config@1.18.16: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
npm warn deprecated @oclif/config@1.18.2: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
```

After creating our first medusa app.

Fill the database details

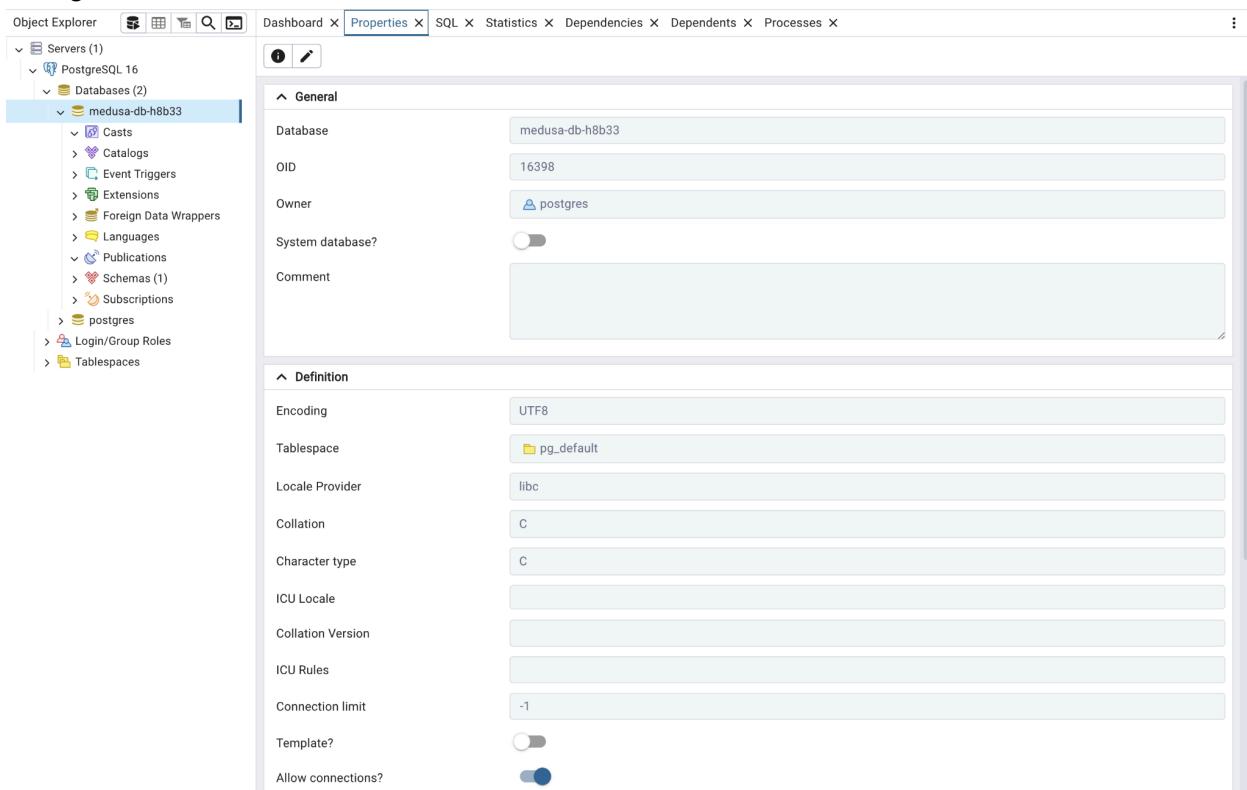


```
?
Will attempt to setup Postgres database "medusa-db-h8b33" with credentials:
user: alpha
password: ***
port: 5432
host: localhost
Do you wish to continue with these credentials?

  Change credentials
[?] DB user postgres
[?] DB password [hidden]
[?] DB port 5432
[?] DB host localhost
  Created database "medusa-db-h8b33" - 160ms
✓ Database migrations completed. - 4002ms
info:  Final project preparations...
info:  Your new Medusa project is ready for you! To start developing run:
cd my-medusa-store
medusa develop

alpha@Akhands-MacBook-Pro DevOps-Training %
```

PostgreSQL Database



The screenshot shows the PostgreSQL Properties window with the 'General' and 'Definition' tabs selected. The 'General' tab displays the following configuration:

Setting	Value
Database	medusa-db-h8b33
OID	16398
Owner	postgres
System database?	Off
Comment	(empty)

The 'Definition' tab displays the following configuration:

Setting	Value
Encoding	UTF8
Tablespace	pg_default
Locale Provider	libc
Collation	C
Character type	C
ICU Locale	(empty)
Collation Version	(empty)
ICU Rules	(empty)
Connection limit	-1
Template?	Off
Allow connections?	On

After creating an application we can see the database.

Step 5: Navigate in the created project to and run

Command : medusa develop

And it will launch the login page

```
alpha@Akhands-MacBook-Pro my-medusa-store % medusa develop
Successfully compiled 8 files with Babel (3ms).
10:16:55 PM [medusajs/admin] Started development server on http://localhost:7001/
<--> [webpack-dev-server] Project is running at:
<--> [webpack-dev-server] Loopback: http://localhost:7001/, http://[::]:7001/
<--> [webpack-dev-server] Content not from webpack is served from '/Users/alpha/Desktop/Offbook/DevOps-Training/my-medusa-store/public' directory
<--> [webpack-dev-server] 404s will fallback to '/'
[medusa-config] ▲redis.url not found. A fake redis instance will be used.
info: Using fake Redis
✓ Models initialized - 14ms
Plugin models initialized - 16ms
Strategies initialized - 18ms
Database initialized - 88ms
Repositories initialized - 27ms
✓ Session initialized - 65ms
✗ Initializing modules
✓ Modules initialized - 70ms
✓ Express initialized - 1ms
✗ Initializing plugins
✗ Initializing plugins
✗ Plugins initialized - 248ms
✓ Subscribers initialized - 8ms
✗ API initialized - 30ms
✗ Initializing defaults
warn: You don't have any notification provider plugins installed. You may want to add one to your project.
✓ Defaults initialized - 180ms
✗ Initializing search engine indexing
✓ Indexing event emitted - 2ms
Server is ready on port: 9980 - 11ms
<--> [webpack-dev-server] middleware built until bundle finished: /
info: processing: sites/channel-created which has 0 subscribers
assets by path *.js 26.14 MiB 23 assets
assets by path public/ 2.75 MiB
asset public/locales/tm/translation.json 193 KiB [emitted] [from: node_modules/@medusajs/admin-ui/ui/public/locales/tm/translation.json] [copied]
+ 21 assets
assets by path *.ttf 1.24 MiB
asset 442f6a4cc2f03aaaf41f6.ttf 398 KiB [emitted] [immutable] [from: .cache/admin/src/fonts/Inter-SemiBold.ttf] (auxiliary name: main)
+ 4 assets
assets by path *.css 386 KiB
asset main.css 231 KiB [emitted] (name: main)
+ 2 assets
assets by path images/*.svg 2.33 KiB
asset images/icon-plus-gray.svg 1.46 KiB [emitted] [from: node_modules/react-nestable/dist/styles/icon-plus-gray.svg] (auxiliary id: vendors)
asset images/icon-minus-gray.svg 884 bytes [emitted] [from: node_modules/react-nestable/dist/styles/icon-minus-gray.svg] (auxiliary id: vendors)
asset index.html 437 bytes [emitted]
Entrypoint main 9.65 MiB (1.24 MiB) = runtime-main.bundle.js 118 KiB main.css 231 KiB main.bundle.js 9.31 MiB 5 auxiliary assets
```



Log in to Medusa

Email

Password

[Forgot your password?](#)