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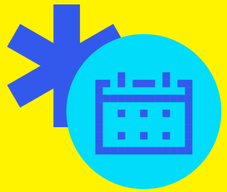
NestJS com TypeScript

< thefutureisblue.me />

Foto de João da Silva



Agenda

O que vamos aprender?

- Instalar MySQL
- Instalar Prisma
- Create e Read All com o Prisma

O que é MySQL?

O MySQL é um sistema de gerenciamento de Banco de Dados, que utiliza a linguagem SQL

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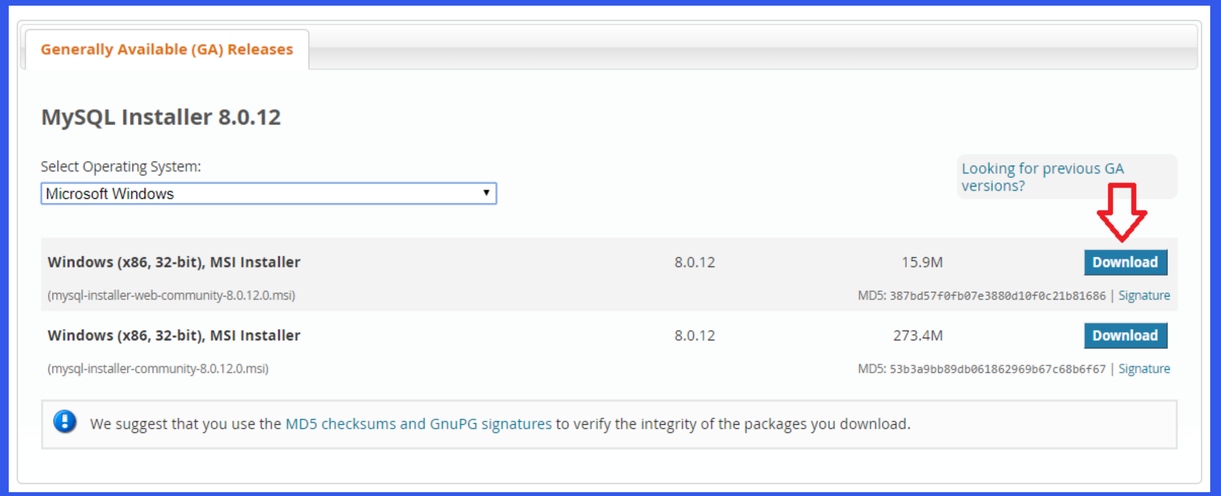
Instalando o MySQL



https://dev.mysql.com/downloads/installer/

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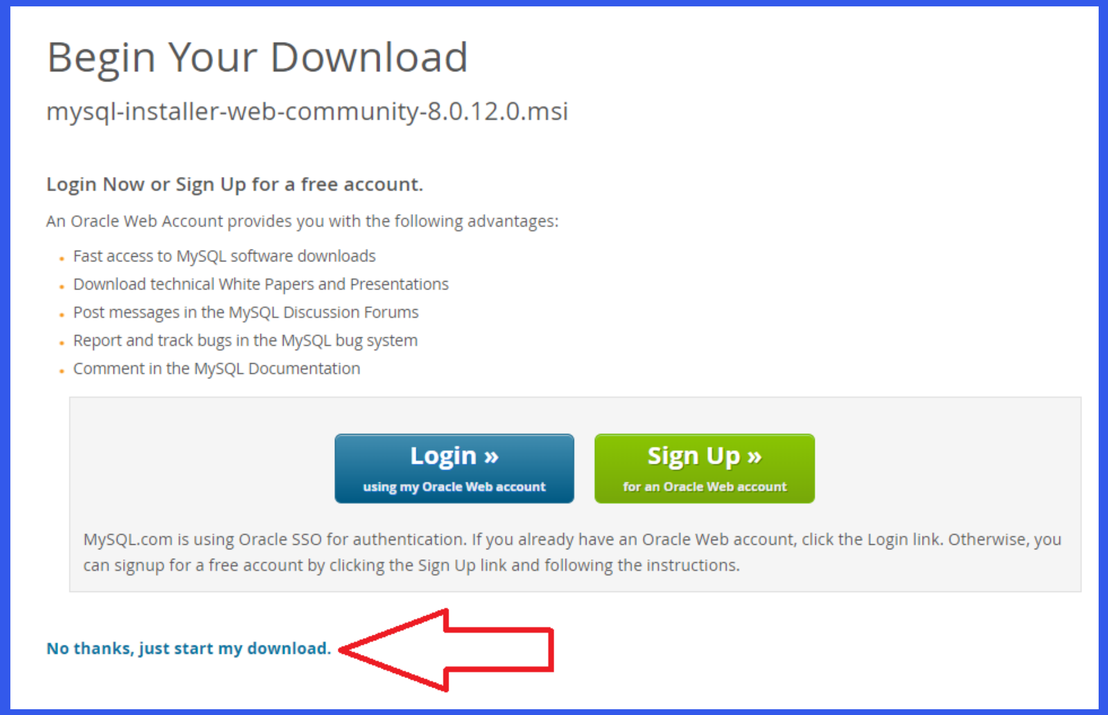

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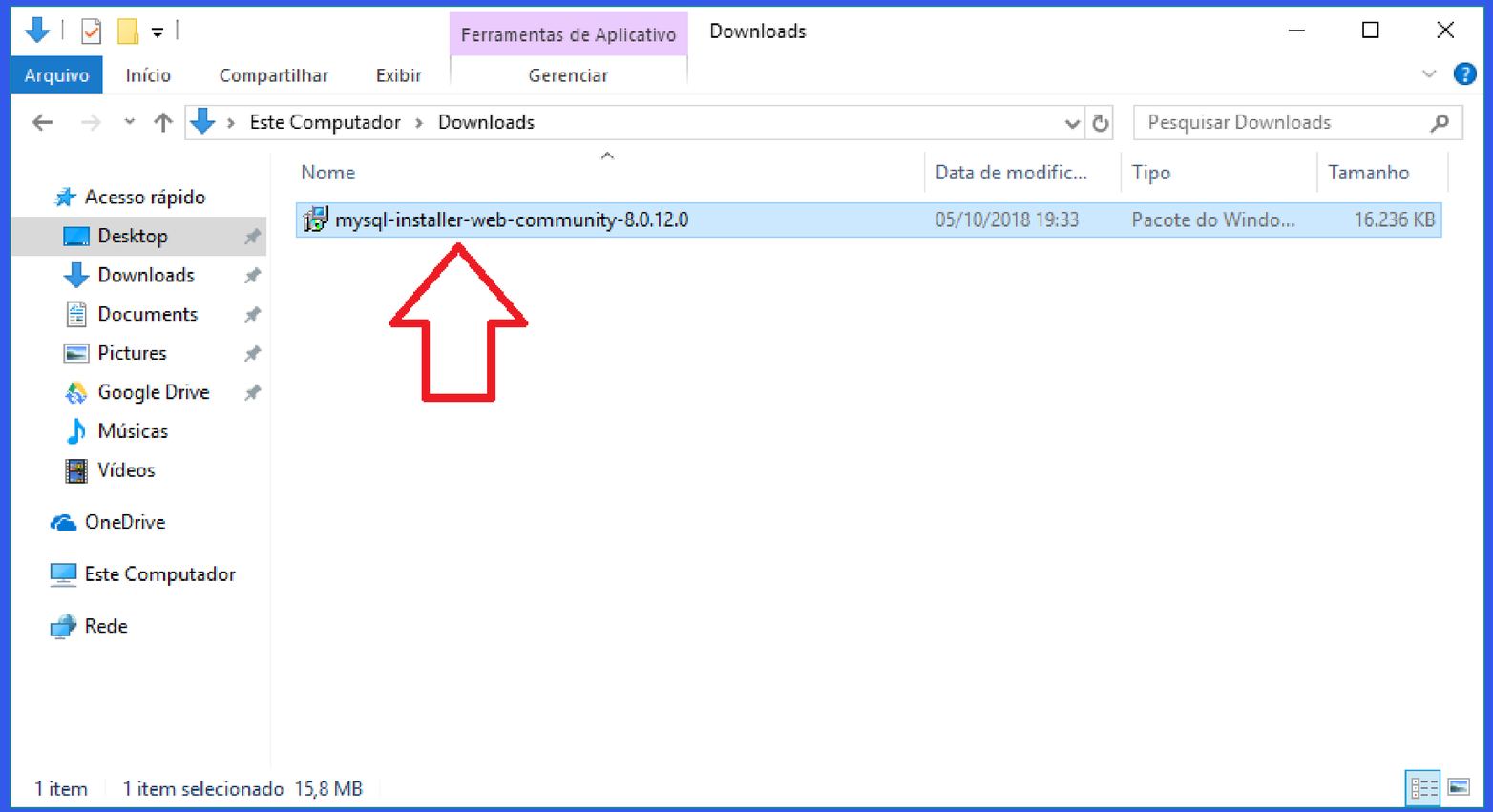

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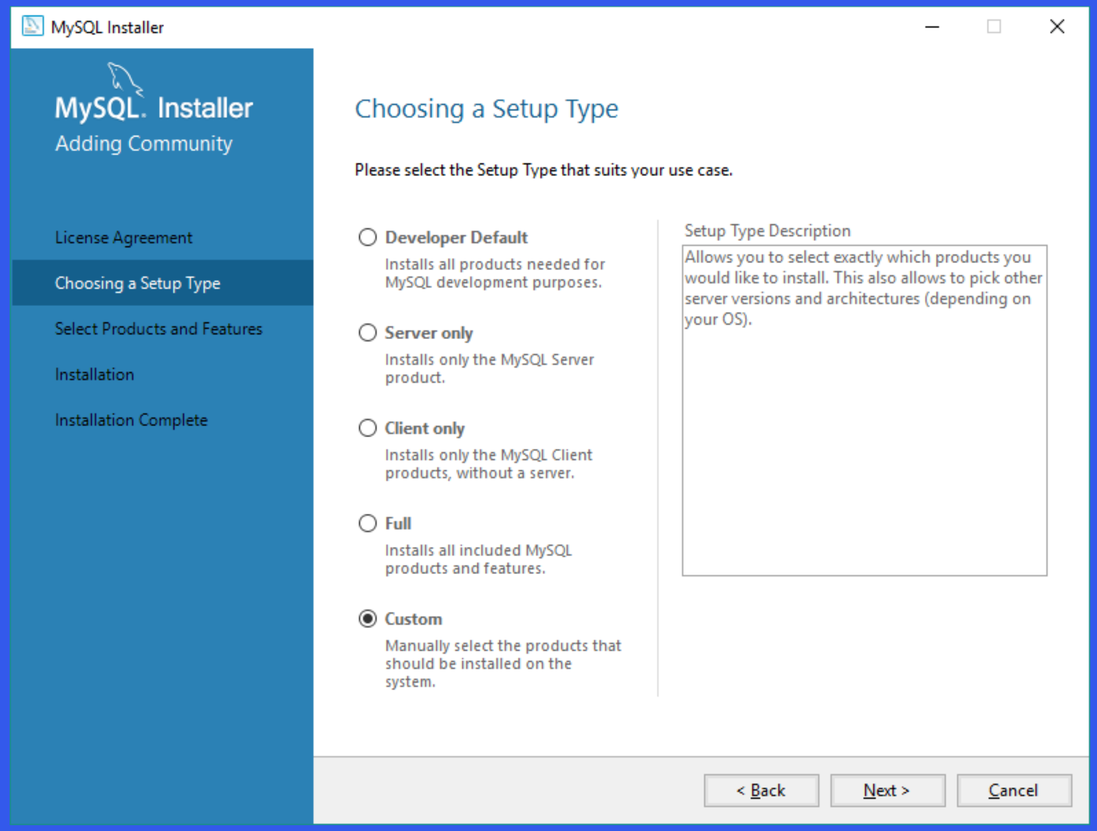

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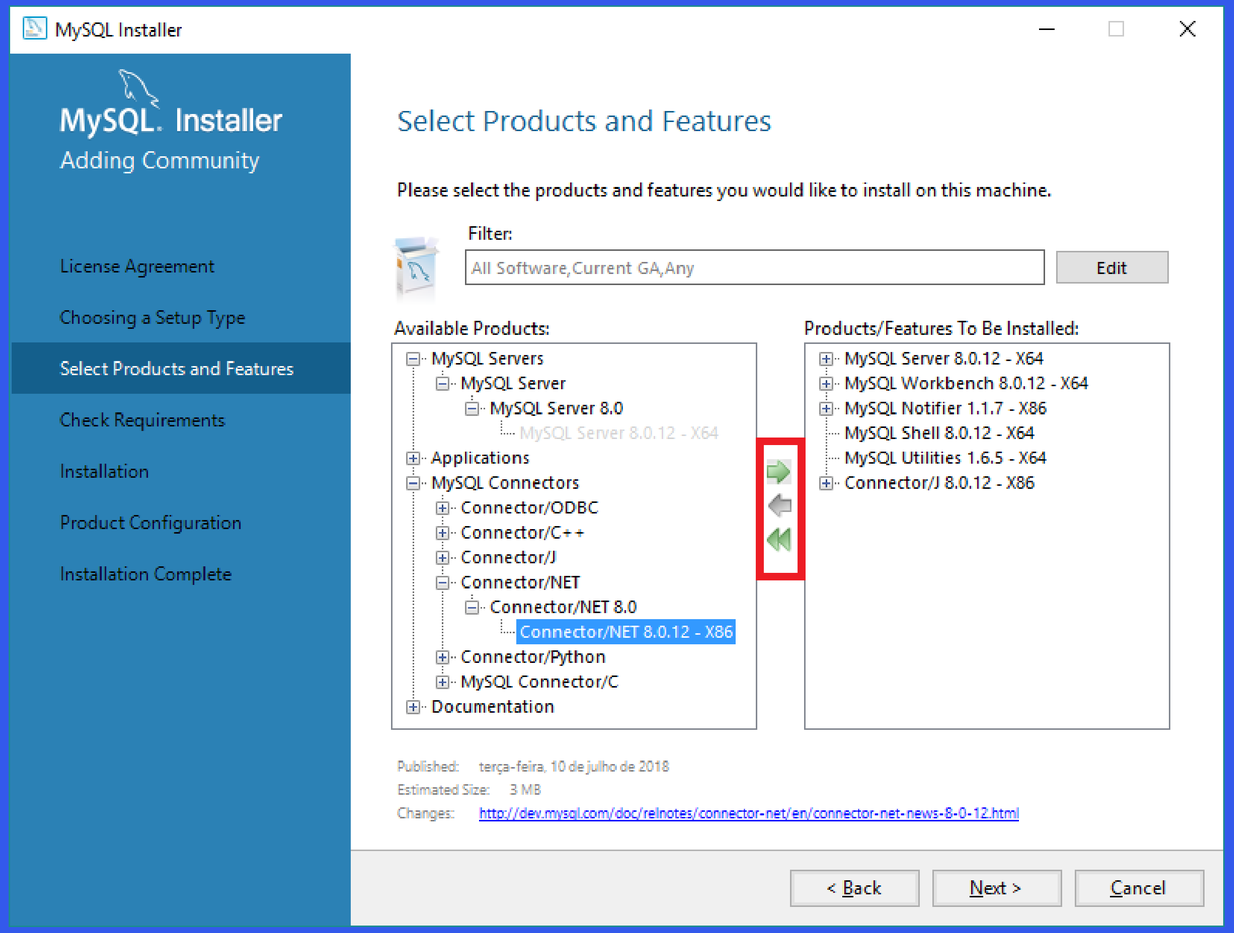

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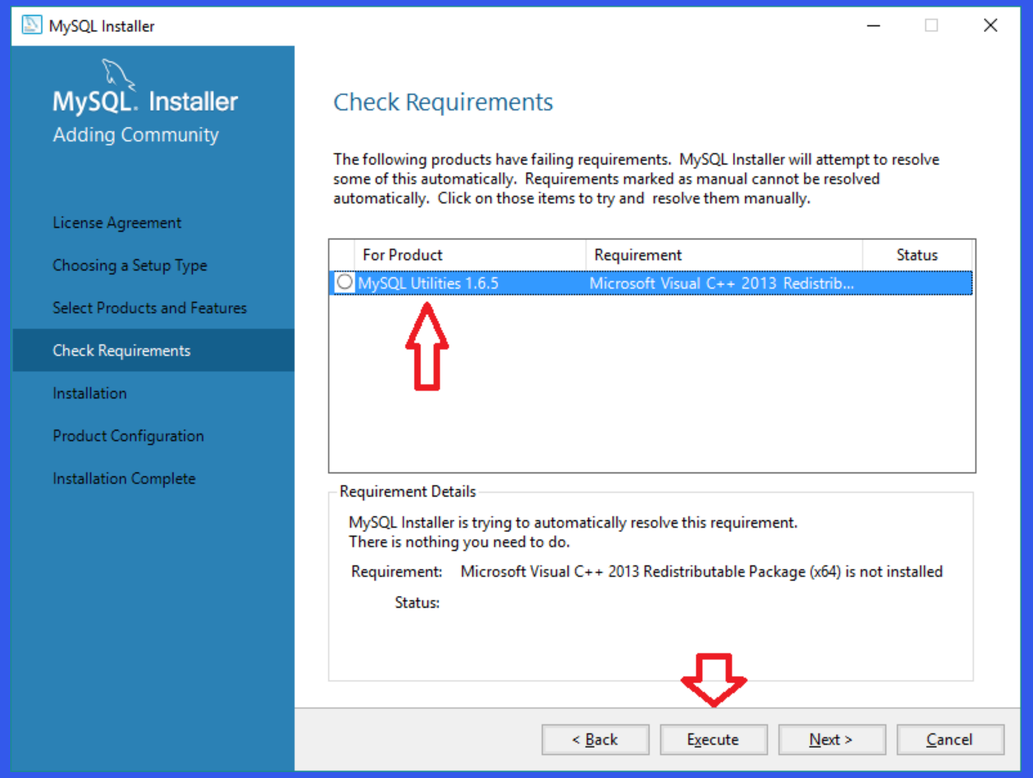

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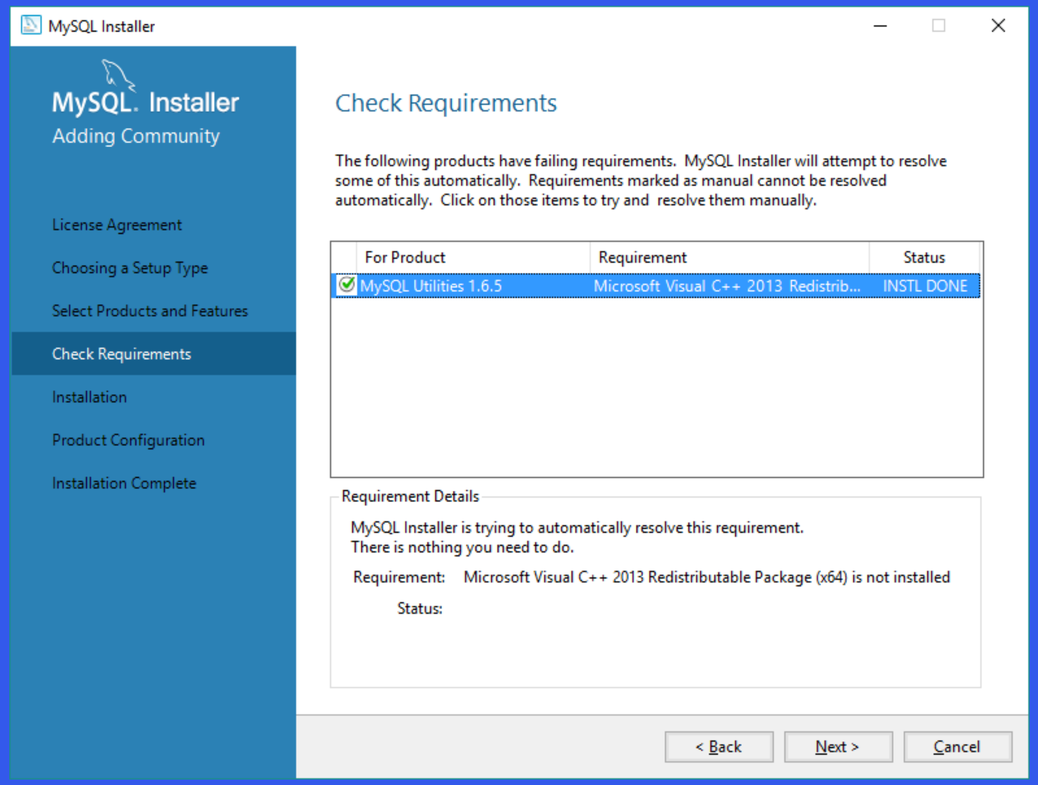

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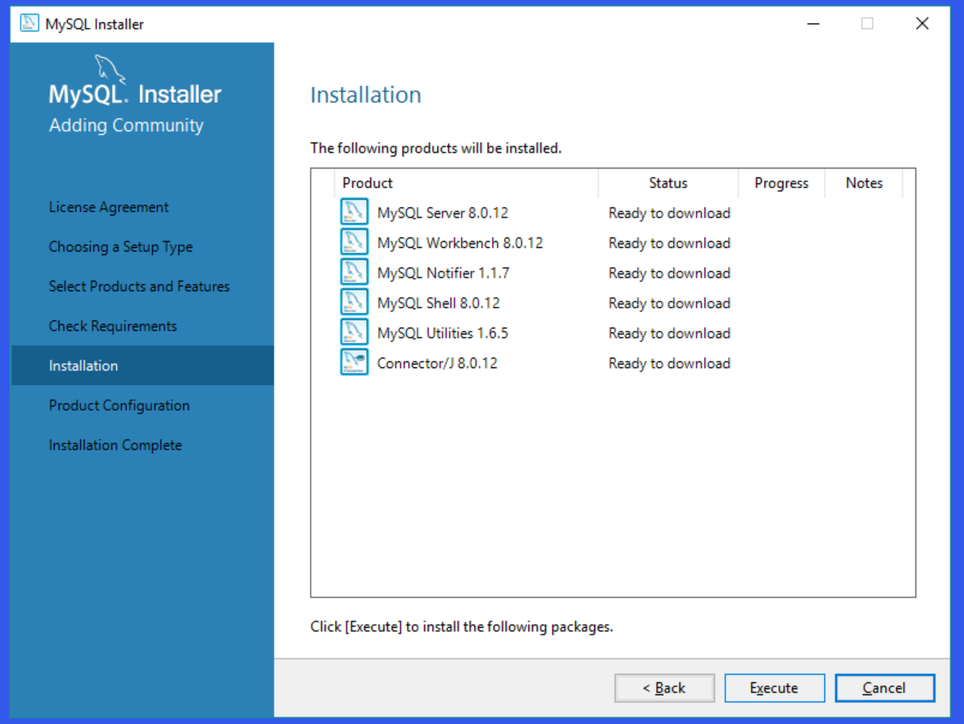

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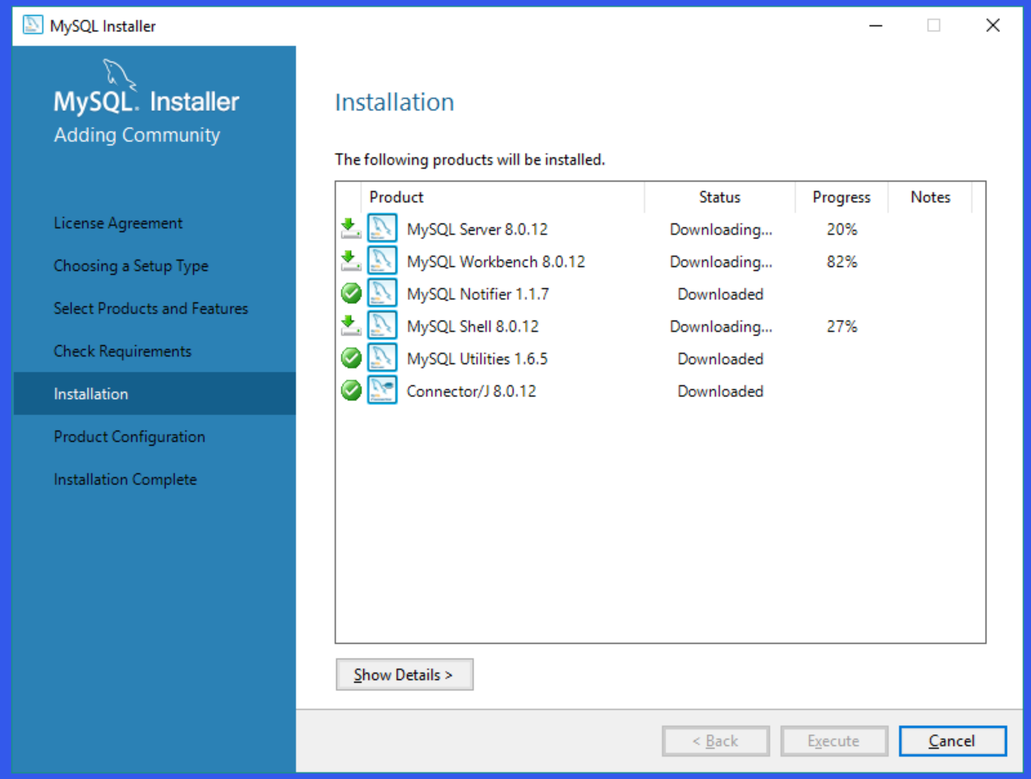

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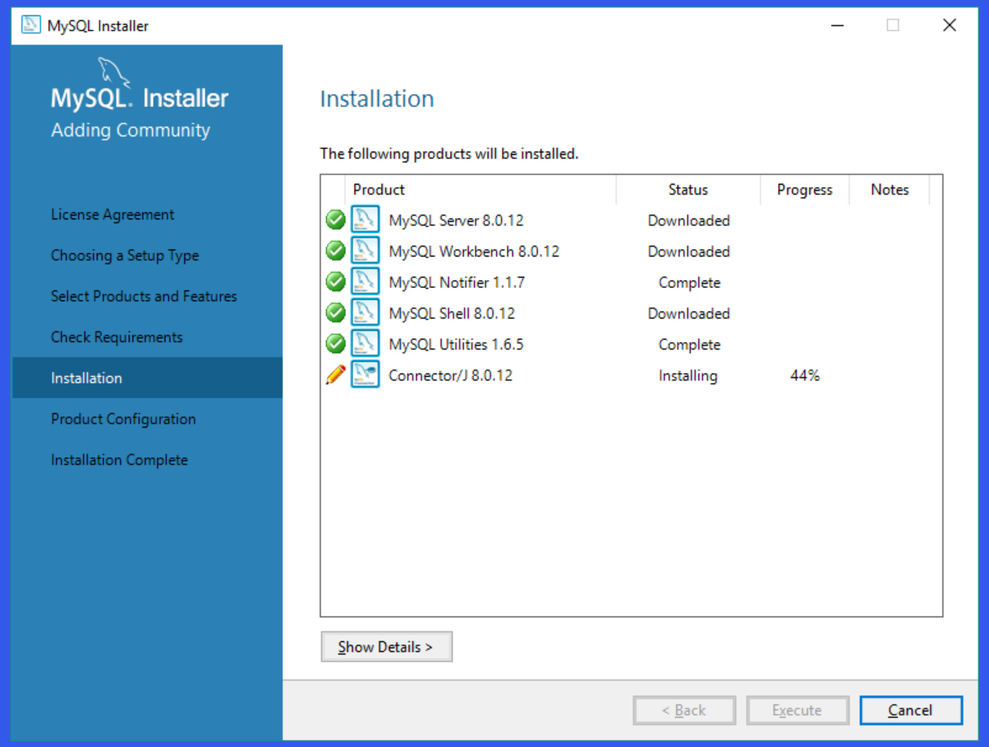

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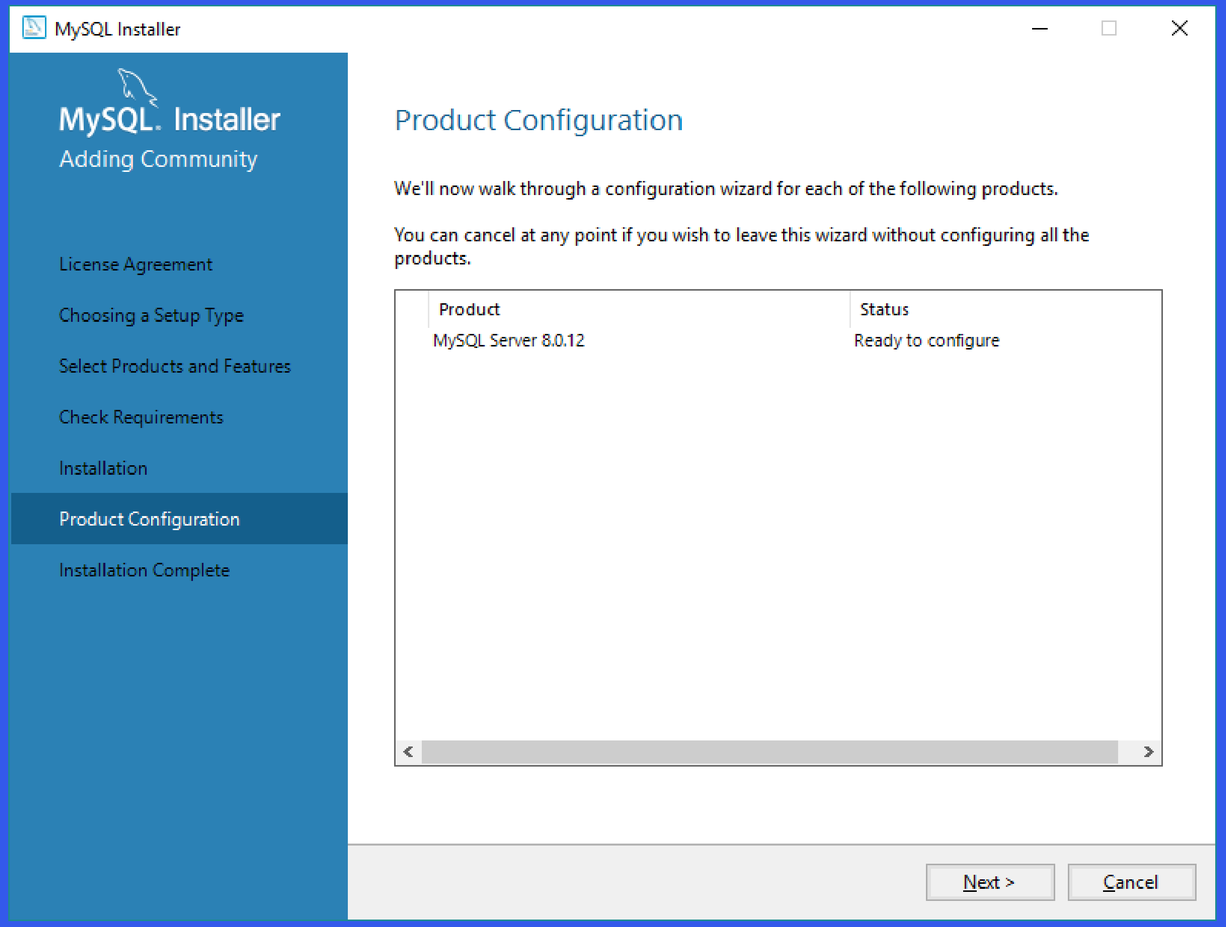

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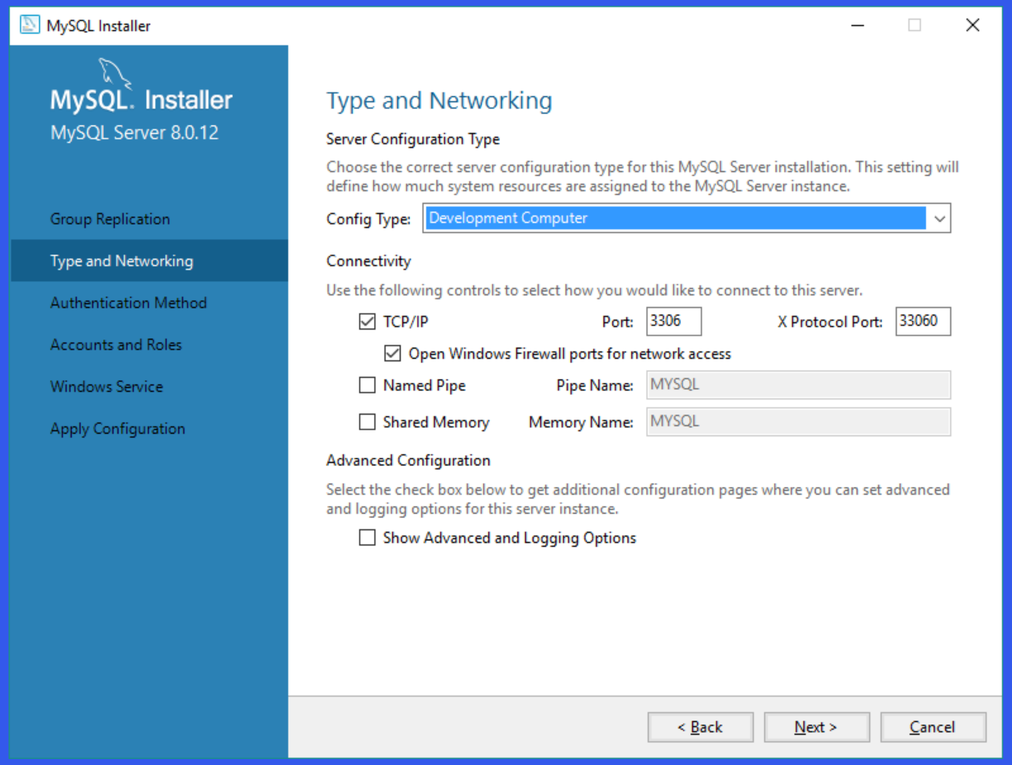

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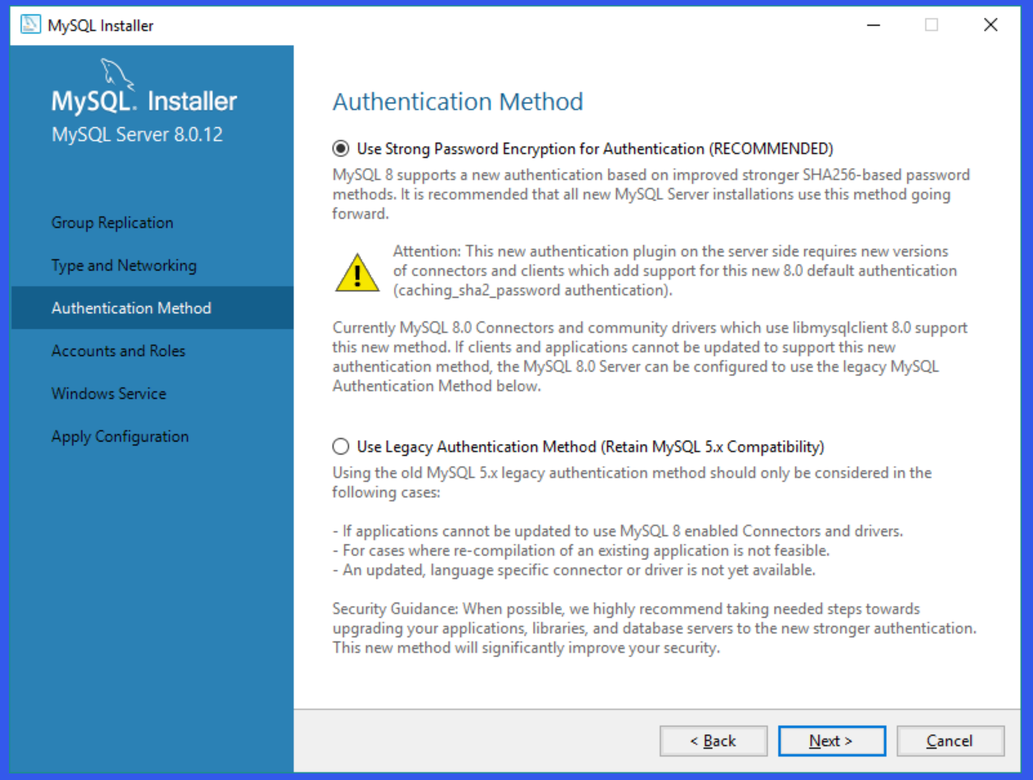

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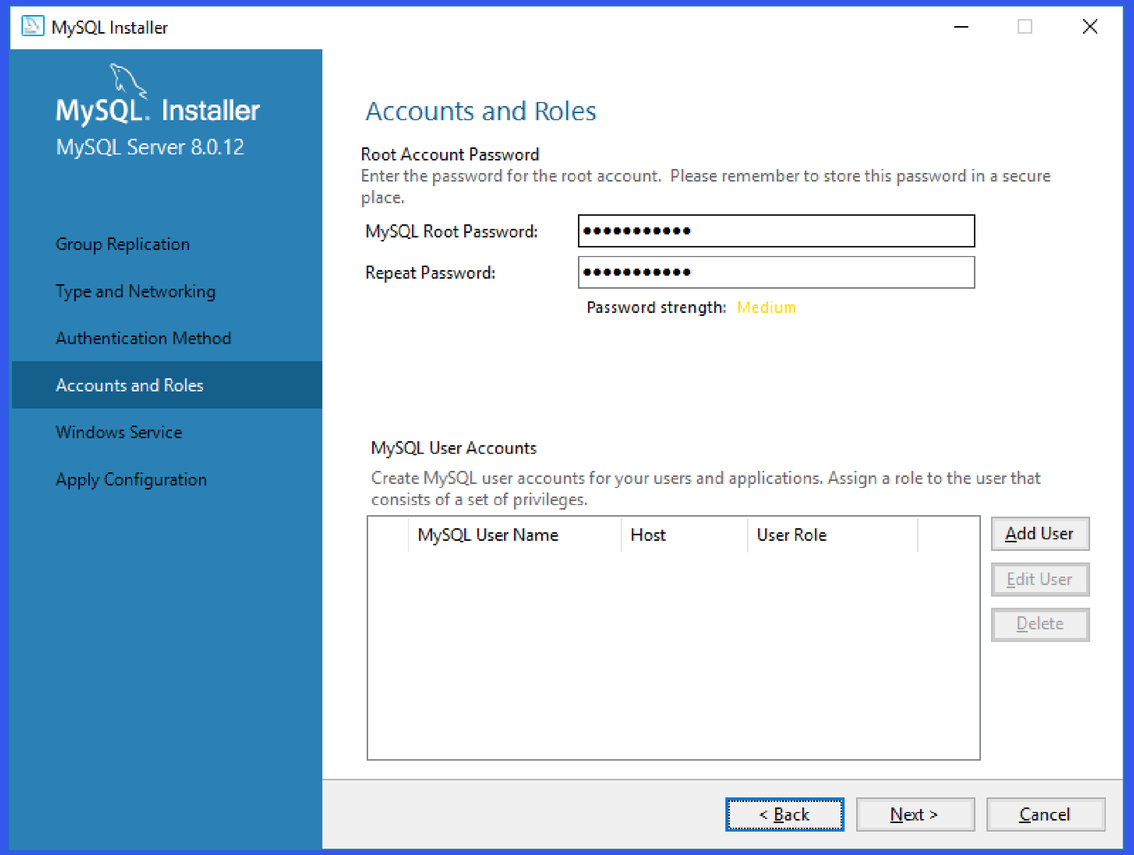

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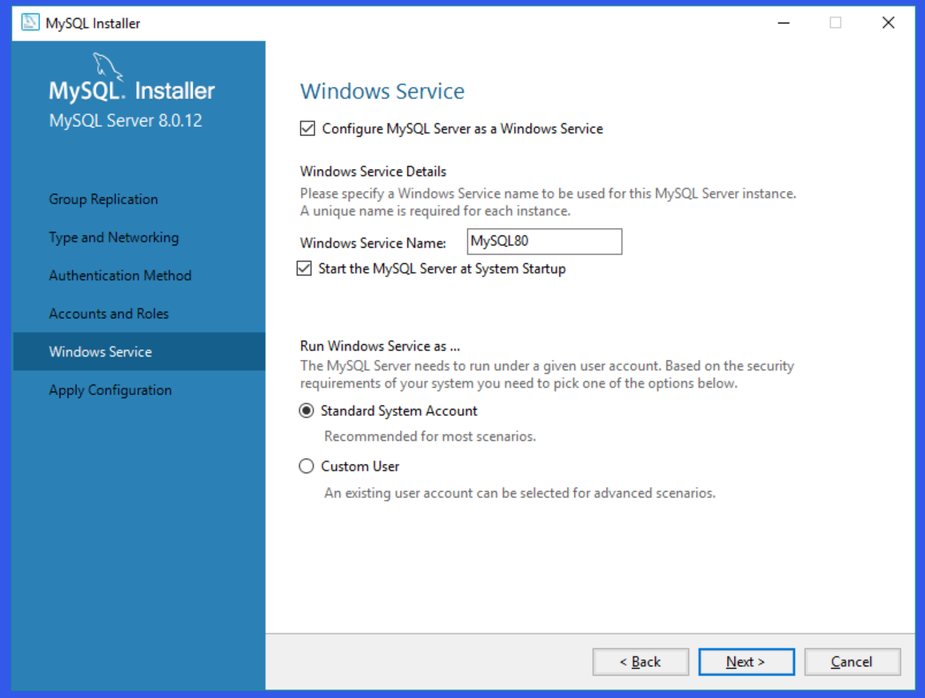

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O que é Prisma?

ORM Open-Source

Instalando o projeto

```
npm install prisma --save-dev

npx prisma

npx prisma init
```

Prisma Model

```
// This is your Prisma schema file,
// learn more about it in the docs: https://pris.ly/d/prisma-schema

datasource db {
  provider = "mysql"
  url      = env("DATABASE_URL")
}

generator client {
  provider = "prisma-client-js"
}

model Filme {
  id    Int     @default(autoincrement()) @id
  nome String  @unique
  imagem  String?
}
```

Prisma Service

```ts
import {
  INestApplication,
  Injectable,
  OnModuleInit,
  OnModuleDestroy,
} from '@nestjs/common';
import { PrismaClient } from '@prisma/client';

@Injectable()
export class PrismaService extends PrismaClient implements OnModuleInit {
  async onModuleInit() {
    await this.$connect();
  }

  async enableShutdownHooks(app: INestApplication) {
    this.$on('beforeExit', async () => {
      await app.close();
    });
  }
}
```

Service se conectando com o Prisma

```ts
async getAll(): Promise<Filme[]> {
  return this.prisma.filme.findMany();
}

async createFilme(data: Prisma.FilmeCreateInput): Promise<Filme> {
  return this.prisma.filme.create({
    data,
  });
}
```

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Botando para rodar!

Criando uma Aplicação com NestJs

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Hora do cafezinho!

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Pesquisa

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Por hoje é só!
Obrigado! =)

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