58. Resolver - user.ts / FieldResolver - email()

#graphql #resolver #fieldresolver #backend

Implement email FieldResolver

- We don’t want users to be able to see other users’ emails
- We define a FieldResolver that acts on User objects and filters the fields based on the logged in user
- Note that we changed `@Resolver()` to `@Resolver(User)` to let GraphQL know that this Resolver is for User objects. Only then we can define a FieldResolver that will act on User objects
- Note that textSnippet created a new field that could be retrieved, however here, since the name of the FieldResolver matches an actual field (email) it replaces the value of the email field

/resolvers/user.ts

```
@Resolver(User)
export class UserResolver {
  @FieldResolver(() => String)
  email(@Root() user: User, @Ctx() { req }: MyContext) {
    // this is the current user and can see own email
    if (req.session.userId === user.id) {
      return user.email;
    }
    // users can't see email of other users
    return "";
  }
```