

# Restricting Access for Types and Fields with Roles and Permissions

---



**Mat Warger**  
SOFTWARE CONSULTANT  
@mwarger mw.codes



# Overview



**Authentication vs. authorization**

**User listing**

**Session updates**

- Globomantics administration
- Editing of user submissions



# Authentication vs. Authorization



## Who am I?

User (or client) is either allowed access or not, based on credentials

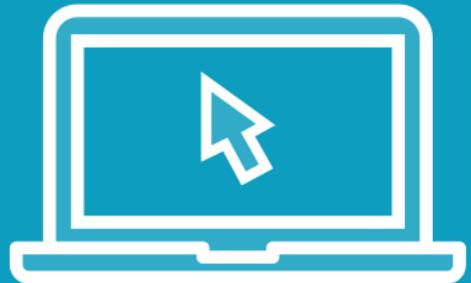


## What can I do?

Once authenticated, user (or client) access is restricted based on what roles are assigned to them



# Demo



## Roles

- Globomantics member - Admin
- Application users – User

## Admin permissions

- View Users
- Mark Speakers as Featured

## Implementing

- Resolvers
- Model
- Schema Directives



# Establishing Roles for Admins and Users

---



# Creating the Admin Section

---



# Authorization in a Resolver

---



# Authorization in a Model

---



# Authorization Using Schema Directives

---



# Summary



**Authorization complete!**

- Admin and user roles

**Resolvers**

**Models**

**Schema directives**



Up Next:  
Handling Large and Complex Queries

---

