

Script de criação de tabelas

O script de criação de tabelas da loja Casa do Código está disponível logo abaixo. Se você preferir, faça o download em [Scripts.sql \(https://raw.githubusercontent.com/alura-cursos/Alura-AzureIntroducaoWebAppsSQL/master/Scripts.sql\)](https://raw.githubusercontent.com/alura-cursos/Alura-AzureIntroducaoWebAppsSQL/master/Scripts.sql).

```
-- Criando usuário
CREATE USER [casaDoCodigoWebApp]
WITH PASSWORD = 'SenhaAplicacao!'
, DEFAULT_SCHEMA = dbo;
GO

ALTER ROLE db_datareader ADD MEMBER [casaDoCodigoWebApp];
ALTER ROLE db_datawriter ADD MEMBER [casaDoCodigoWebApp];
GO

-- Criação das tabelas
IF OBJECT_ID(N'[__EFMigrationsHistory]') IS NULL
BEGIN
    CREATE TABLE [__EFMigrationsHistory] (
        [MigrationId] nvarchar(150) NOT NULL,
        [ProductVersion] nvarchar(32) NOT NULL,
        CONSTRAINT [PK___EFMigrationsHistory] PRIMARY KEY ([MigrationId])
    );
END;
GO

CREATE TABLE [Authors] (
    [Id] int NOT NULL IDENTITY,
    [Name] nvarchar(max) NOT NULL,
    CONSTRAINT [PK_Authors] PRIMARY KEY ([Id])
);
GO

CREATE TABLE [Categories] (
    [Id] int NOT NULL IDENTITY,
    [Name] nvarchar(max) NOT NULL,
    [ParentId] int NULL,
    CONSTRAINT [PK_Categories] PRIMARY KEY ([Id]),
    CONSTRAINT [FK_Categories_Categories_ParentId] FOREIGN KEY ([ParentId]) REFERENCES [Categories]
);
GO

CREATE TABLE [Books] (
    [Id] int NOT NULL IDENTITY,
    [Title] nvarchar(max) NOT NULL,
    [SubTitle] nvarchar(max) NOT NULL,
    [Summary] nvarchar(max) NOT NULL,
    [DisplayName] nvarchar(max) NOT NULL,
    [CoverUri] nvarchar(max) NULL,
```

```
[Price] decimal(5,2) NOT NULL,  
[UpdateDate] datetime2 NOT NULL,  
[PublishDate] datetime2 NOT NULL,  
[CategoryId] int NULL,  
CONSTRAINT [PK_Books] PRIMARY KEY ([Id]),  
CONSTRAINT [FK_Books_Categories_CategoryId] FOREIGN KEY ([CategoryId]) REFERENCES [Categories] (  
);
```

GO

```
CREATE TABLE [BookAuthorJoin] (  
    [AuthorId] int NOT NULL,  
    [BookId] int NOT NULL,  
    CONSTRAINT [PK_BookAuthorJoin] PRIMARY KEY ([BookId], [AuthorId]),  
    CONSTRAINT [FK_BookAuthorJoin_Authors_AuthorId] FOREIGN KEY ([AuthorId]) REFERENCES [Authors] (  
    CONSTRAINT [FK_BookAuthorJoin_Books_BookId] FOREIGN KEY ([BookId]) REFERENCES [Books] ([Id]) ON  
);
```

GO

```
CREATE INDEX [IX_BookAuthorJoin_AuthorId] ON [BookAuthorJoin] ([AuthorId]);
```

GO

```
CREATE INDEX [IX_Books_CategoryId] ON [Books] ([CategoryId]);
```

GO

```
CREATE INDEX [IX_Categories_ParentId] ON [Categories] ([ParentId]);
```

GO

```
INSERT INTO [__EFMigrationsHistory] ([MigrationId], [ProductVersion])  
VALUES (N'20180830034650_InitialMigration', N'2.1.2-rtm-30932');
```

GO

