

# Namespace Feijuca.MultiTenancy.Attributes

## Classes

[RequiredRoleAttribute](#)

[RequiredScopeAttribute](#)

# Class RequiredRoleAttribute

Namespace: [Feijuca.MultiTenancy.Attributes](#)

Assembly: Feijuca.Auth.dll

```
[AttributeUsage(AttributeTargets.Class|AttributeTargets.Method, AllowMultiple = false)]  
public class RequiredRoleAttribute : Attribute, IAuthorizationFilter, IFilterMetadata
```

## Inheritance

[object](#) ← [Attribute](#) ← RequiredRoleAttribute

## Implements

[IAuthorizationFilter](#), [IFilterMetadata](#)

## Inherited Members

[Attribute.Equals\(object\)](#), [Attribute.GetCustomAttribute\(Assembly, Type\)](#),  
[Attribute.GetCustomAttribute\(Assembly, Type, bool\)](#),  
[Attribute.GetCustomAttribute\(MemberInfo, Type\)](#),  
[Attribute.GetCustomAttribute\(MemberInfo, Type, bool\)](#),  
[Attribute.GetCustomAttribute\(Module, Type\)](#), [Attribute.GetCustomAttribute\(Module, Type, bool\)](#),  
[Attribute.GetCustomAttribute\(ParameterInfo, Type\)](#),  
[Attribute.GetCustomAttribute\(ParameterInfo, Type, bool\)](#), [Attribute.GetCustomAttributes\(Assembly\)](#),  
[Attribute.GetCustomAttributes\(Assembly, bool\)](#), [Attribute.GetCustomAttributes\(Assembly, Type\)](#),  
[Attribute.GetCustomAttributes\(Assembly, Type, bool\)](#), [Attribute.GetCustomAttributes\(MemberInfo\)](#),  
[Attribute.GetCustomAttributes\(MemberInfo, bool\)](#),  
[Attribute.GetCustomAttributes\(MemberInfo, Type\)](#),  
[Attribute.GetCustomAttributes\(MemberInfo, Type, bool\)](#), [Attribute.GetCustomAttributes\(Module\)](#),  
[Attribute.GetCustomAttributes\(Module, bool\)](#), [Attribute.GetCustomAttributes\(Module, Type\)](#),  
[Attribute.GetCustomAttributes\(Module, Type, bool\)](#), [Attribute.GetCustomAttributes\(ParameterInfo\)](#),  
[Attribute.GetCustomAttributes\(ParameterInfo, bool\)](#),  
[Attribute.GetCustomAttributes\(ParameterInfo, Type\)](#),  
[Attribute.GetCustomAttributes\(ParameterInfo, Type, bool\)](#), [Attribute.GetHashCode\(\)](#),  
[Attribute.IsDefaultAttribute\(\)](#), [Attribute.IsDefined\(Assembly, Type\)](#),  
[Attribute.IsDefined\(Assembly, Type, bool\)](#), [Attribute.IsDefined\(MemberInfo, Type\)](#),  
[Attribute.IsDefined\(MemberInfo, Type, bool\)](#), [Attribute.IsDefined\(Module, Type\)](#),  
[Attribute.IsDefined\(Module, Type, bool\)](#), [Attribute.IsDefined\(ParameterInfo, Type\)](#),  
[Attribute.IsDefined\(ParameterInfo, Type, bool\)](#), [Attribute.Match\(object\)](#), [Attribute.TypeId](#),  
[object.Equals\(object, object\)](#), [object.GetType\(\)](#), [object.MemberwiseClone\(\)](#),  
[object.ReferenceEquals\(object, object\)](#), [object.ToString\(\)](#)

# Constructors

## RequiredRoleAttribute(string)

```
public RequiredRoleAttribute(string role)
```

### Parameters

role [string](#)

# Methods

## OnAuthorization(AuthorizationFilterContext)

Called early in the filter pipeline to confirm request is authorized.

```
public void OnAuthorization(AuthorizationFilterContext context)
```

### Parameters

context [AuthorizationFilterContext](#)

The [AuthorizationFilterContext](#).

# Class RequiredScopeAttribute

Namespace: [Feijuca.MultiTenancy.Attributes](#)

Assembly: Feijuca.Auth.dll

```
[AttributeUsage(AttributeTargets.All)]
```

```
public class RequiredScopeAttribute : Attribute, IAuthorizationFilter, IFilterMetadata
```

## Inheritance

[object](#) ← [Attribute](#) ← RequiredScopeAttribute

## Implements

[IAuthorizationFilter](#), [IFilterMetadata](#)

## Inherited Members

[Attribute.Equals\(object\)](#), [Attribute.GetCustomAttribute\(Assembly, Type\)](#), [Attribute.GetCustomAttribute\(Assembly, Type, bool\)](#), [Attribute.GetCustomAttribute\(MemberInfo, Type\)](#), [Attribute.GetCustomAttribute\(MemberInfo, Type, bool\)](#), [Attribute.GetCustomAttribute\(Module, Type\)](#), [Attribute.GetCustomAttribute\(Module, Type, bool\)](#), [Attribute.GetCustomAttribute\(ParameterInfo, Type\)](#), [Attribute.GetCustomAttribute\(ParameterInfo, Type, bool\)](#), [Attribute.GetCustomAttributes\(Assembly\)](#), [Attribute.GetCustomAttributes\(Assembly, bool\)](#), [Attribute.GetCustomAttributes\(Assembly, Type\)](#), [Attribute.GetCustomAttributes\(Assembly, Type, bool\)](#), [Attribute.GetCustomAttributes\(MemberInfo\)](#), [Attribute.GetCustomAttributes\(MemberInfo, bool\)](#), [Attribute.GetCustomAttributes\(MemberInfo, Type\)](#), [Attribute.GetCustomAttributes\(MemberInfo, Type, bool\)](#), [Attribute.GetCustomAttributes\(Module\)](#), [Attribute.GetCustomAttributes\(Module, bool\)](#), [Attribute.GetCustomAttributes\(Module, Type\)](#), [Attribute.GetCustomAttributes\(Module, Type, bool\)](#), [Attribute.GetCustomAttributes\(ParameterInfo\)](#), [Attribute.GetCustomAttributes\(ParameterInfo, bool\)](#), [Attribute.GetCustomAttributes\(ParameterInfo, Type\)](#), [Attribute.GetCustomAttributes\(ParameterInfo, Type, bool\)](#), [Attribute.GetHashCode\(\)](#), [Attribute.IsDefaultAttribute\(\)](#), [Attribute.IsDefined\(Assembly, Type\)](#), [Attribute.IsDefined\(Assembly, Type, bool\)](#), [Attribute.IsDefined\(MemberInfo, Type\)](#), [Attribute.IsDefined\(MemberInfo, Type, bool\)](#), [Attribute.IsDefined\(Module, Type\)](#), [Attribute.IsDefined\(Module, Type, bool\)](#), [Attribute.IsDefined\(ParameterInfo, Type\)](#), [Attribute.IsDefined\(ParameterInfo, Type, bool\)](#), [Attribute.Match\(object\)](#), [Attribute.TypeId](#), [object.Equals\(object, object\)](#), [object.GetType\(\)](#), [object.MemberwiseClone\(\)](#), [object.ReferenceEquals\(object, object\)](#), [object.ToString\(\)](#)

# Constructors

## RequiredScopeAttribute(string)

```
public RequiredScopeAttribute(string scope)
```

### Parameters

scope [string](#)

# Methods

## OnAuthorization(AuthorizationFilterContext)

Called early in the filter pipeline to confirm request is authorized.

```
public void OnAuthorization(AuthorizationFilterContext context)
```

### Parameters

context [AuthorizationFilterContext](#)

The [AuthorizationFilterContext](#).

# Namespace Feijuca.MultiTenancy.Extensions

## Classes

[AuthExtensions](#)

# Class AuthExtensions

Namespace: [Feijuca.MultiTenancy.Extensions](#)








Assembly: Feijuca.Auth.dll

```
public static class AuthExtensions
```

## Inheritance

[object](#)  ← AuthExtensions

## Inherited Members

[object.Equals\(object\)](#)  , [object.Equals\(object, object\)](#)  , [object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  , [object.MemberwiseClone\(\)](#)  , [object.ReferenceEquals\(object, object\)](#)  , [object.ToString\(\)](#) 

## Methods

### AddKeyCloakAuth(IServiceCollection, AuthSettings)

```
public static IServiceCollection AddKeyCloakAuth(this IServiceCollection services,  
AuthSettings authSettings)
```

## Parameters

**services** [IServiceCollection](#) 

**authSettings** [AuthSettings](#)

## Returns

[IServiceCollection](#) 

# Namespace Feijuca.MultiTenancy.Services

## Classes

[AuthService](#)

## Interfaces

[IAuthService](#)



# Class AuthService

Namespace: [Feijuca.MultiTenancy.Services](#)

Assembly: Feijuca.Auth.dll

```
public class AuthService : IAuthService
```








## Inheritance

[object](#)  ← AuthService

## Implements

[IAuthService](#)

## Inherited Members

[object.Equals\(object\)](#)  , [object.Equals\(object, object\)](#)  , [object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  , [object.MemberwiseClone\(\)](#)  , [object.ReferenceEquals\(object, object\)](#)  , [object.ToString\(\)](#) 

## Constructors

AuthService(IHttpContextAccessor, JwtSecurityTokenHandler, AuthSettings)

```
public AuthService(IHttpContextAccessor httpContextAccessor, JwtSecurityTokenHandler  
jwtSecurityTokenHandler, AuthSettings authSettings)
```

## Parameters

httpContextAccessor [IHttpContextAccessor](#) 

jwtSecurityTokenHandler [JwtSecurityTokenHandler](#) 

authSettings [AuthSettings](#)

## Methods

GetClientId()

```
public string GetClientId()
```

Returns

[string](#) 

## GetClientSecret()

```
public string GetClientSecret()
```

Returns

[string](#) 

## GetInfoFromToken(string)

```
public string GetInfoFromToken(string infoName)
```

Parameters

**infoName** [string](#) 

Returns

[string](#) 

## GetRealm(string)

```
public Realm GetRealm(string realmName)
```

Parameters

**realmName** [string](#) 

Returns

[Realm](#)

## GetServerUrl()

```
public string GetServerUrl()
```

Returns

[string](#)

## GetTenantFromToken()

```
public string GetTenantFromToken()
```

Returns

[string](#)

## GetUserIdFromToken()

```
public Guid GetUserIdFromToken()
```

Returns

[Guid](#)

# Interface IAuthService

Namespace: [Feijuca.MultiTenancy.Services](#)

Assembly: Feijuca.Auth.dll

```
public interface IAuthService
```

## Methods

### GetClientId()

```
string GetClientId()
```

Returns

[string](#) 

### GetClientSecret()

```
string GetClientSecret()
```

Returns

[string](#) 

### GetInfoFromToken(string)

```
string GetInfoFromToken(string infoName)
```

Parameters

infoName [string](#) 

Returns

[string](#)

## GetRealm(string)

```
Realm GetRealm(string realmName)
```

Parameters

realmName [string](#)

Returns

[Realm](#)

## GetServerUrl()

```
string GetServerUrl()
```

Returns

[string](#)

## GetTenantFromToken()

```
string GetTenantFromToken()
```

Returns

[string](#)

## GetUserIdFromToken()

Guid `GetUserIdFromToken()`

Returns

[Guid](#)

# Namespace Feijuca.MultiTenancy.Services.

## Models

### Classes

[AuthSettings](#)

[Realm](#)


# Class AuthSettings

Namespace: [Feijuca.MultiTenancy.Services.Models](#)








Assembly: Feijuca.Auth.dll

```
public class AuthSettings
```

## Inheritance

[object](#)  ← AuthSettings

## Inherited Members

[object.Equals\(object\)](#)  , [object.Equals\(object, object\)](#)  , [object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  , [object.MemberwiseClone\(\)](#)  , [object.ReferenceEquals\(object, object\)](#)  , [object.ToString\(\)](#) 

## Properties

### AuthServerUrl

```
public required string AuthServerUrl { get; set; }
```

#### Property Value

[string](#) 

### ClientId

```
public required string ClientId { get; set; }
```

#### Property Value

[string](#) 

### ClientSecret



```
public required string ClientSecret { get; set; }
```

Property Value

[string](#)

## PolicyName

```
public string? PolicyName { get; set; }
```

Property Value

[string](#)

## Realms

```
public required IEnumerable<Realm> Realms { get; set; }
```

Property Value

[IEnumerable](#) <[Realm](#)>

## Roles

```
public IEnumerable<string>? Roles { get; set; }
```

Property Value

[IEnumerable](#) <[string](#)>

## Scopes

```
public IEnumerable<string>? Scopes { get; set; }
```

Property Value

[IEnumerable](#) <[string](#)>

# Class Realm

Namespace: [Feijuca.MultiTenancy.Services.Models](#)








Assembly: Feijuca.Auth.dll

```
public class Realm
```

## Inheritance

[object](#)  ← Realm

## Inherited Members

[object.Equals\(object\)](#)  , [object.Equals\(object, object\)](#)  , [object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  , [object.MemberwiseClone\(\)](#)  , [object.ReferenceEquals\(object, object\)](#)  , [object.ToString\(\)](#) 

# Properties

## Audience

```
public string? Audience { get; set; }
```

## Property Value

[string](#) 

## Issuer

```
public string? Issuer { get; set; }
```

## Property Value

[string](#) 

## Name

```
public string? Name { get; set; }
```

Property Value

[string](#) 