

xTermsAndConditionsService

it is a Part of xDashboard on SaherElm IT Center which provides Terms and Conditions Management Futures ...

its depends on:

- **xStringService**

Providers

in this module all requirements tools for manage Terms and Conditions Integrated and Provided.

- **IXTermsAndComditionsProvider**: an Interface for Describe Provided Actions for Terms and Conditions Management.
- **XTermsAndComditionsProvider**: an Implementation of Provided Actions for Terms and Conditions Management.
- **XTermsHub**: a Hub Implementation for Notifing Terms Changes to Connected Clients.
- **IXTermsAndComditionsController**: an Interface for Describe base Terms and Conditions Management Controller Actions.
- **XTermsAndComditionsControllerBase**: an Abstract Base Implementation of base Terms and Conditions Management Controller Actions.

Implementation

you have to follow these steps for using this Module.

Configure Service

all of Requirements for Terms and Conditions must be Configured using appSettings and provided by IConfiguration to Modules.

fo using Service you Have to Configure the Service in you appSettings.json file.

this configurations mapped to **XTermsAndConditionsServiceConfiguration** class.

```
/// <summary>
/// Terms and Conditions Configuration ...
/// </summary>
public class XTermsAndConditionsServiceConfiguration
{
    /// <summary>
    /// Terms And Conditions Resource Title in XString Table ...
    /// </summary>
    public string ResourceTitle { get; set; } = "terms_and_conditions";

    /// <summary>
    /// Seeding Mode for Terms and Conditions ...
    /// </summary>
    public XDbSeedingMode SeedingMode { get; set; } =
```

```
XDbSeedingMode.AddIfNotExists;

/// <summary>
/// Default Terms and Conditions for Add to Databse on App Startup ...
/// </summary>
public List<XStringDto> TermsAndConditions { get; set; } = null;
}
```

a sample Configuration must like this:

```
{
  ...
  "TermsAndConditionsService": {
    "ResourceTitle": "terms_and_conditions",
    "SeedingMode": "AddIfNotExists",
    "TermsAndConditions": [
      {
        "Language": "fa-IR",
        "TranslatedValue": "شرایط و ضوابط ثبت نام در سامانه"
      }
    ]
  },
  ...
}
```

Register Service

after preparation of all requirements, final steps is Register Service.

there are two main step:

- **DI Registration:** in this phase, all Provided Services Registered in DI.
- **Middleware Usage:** in this phase, if any Terms and Conditions Provided in Configuration, Seeded in Data Persist System using Provided Services.

```
public class Startup
{
  //
  public void ConfigureServices(IServiceCollection services)
  {
    ...
    //
    // Register Terms and Conditions Service ...
    services.AddXTermsConditionsService(
      lifeTime: lifeTime,
      configuration: configuration
    );
    ...
  }
}
```

```
//  
public void Configure(IApplicationBuilder app, IWebHostEnvironment env)  
{  
    ...  
    //  
    // Using Terms and Conditions Service ...  
    app.UseXTermsAndConditionsService();  
    ...  
}  
}
```

Maintainer

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