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# How to create Generic repository and generic service [Answered]

2 replies

Last post Jan 18, 2018 08:45 AM by [sanjaykumar pushadapu](#)

How to create Generic repository and generic service

Jan 17, 2018 01:42 PM | [sanjaykumar pushadapu](#)

How to create Generic repository and generic service in mvc app and web api project?

Re: How to create Generic repository and generic service

Jan 18, 2018 03:09 AM | [AngelinaJolie](#)

Hi san,

Sir, please refer to these guides:

**Official document, Generic Repository, in MVC**

<https://docs.microsoft.com/en-us/aspnet/mvc/overview/older-versions/getting-started-with-ef-5-using-mvc-4/implementing-the-repository-and-unit-of-work-patterns-in-an-asp-net-mvc-application#implement-a-generic-repository-and-a-unit-of-work-class> (<https://docs.microsoft.com/en-us/aspnet/mvc/overview/older-versions/getting-started-with-ef-5-using-mvc-4/implementing-the-repository-and-unit-of-work-patterns-in-an-asp-net-mvc-application#implement-a-generic-repository-and-a-unit-of-work-class>)

**another one;**

**Finally:**

UserModel(Plain C# Class)

2. Identity\_User (Entity Framework Class)

3. Users,IUsers(Class that implement Generic Repository)

```
#region Interfaces
    public interface IUsersService : IService<UserModel, Identity_User, IUsers>
    {
    }
#endregion

    public class UsersService : ServiceBase<UserModel, Identity_User, Users>, IUsersService
    {
        public UsersService()
            : this(new Users())
        {
        }
        public UsersService(Users usr)
            : base(usr)
        { }
    }
```

```
public class HomeController : Controller
{
    IUsersService serUser;
    public HomeController()
        : this(new UsersService())
    { }
    public HomeController(IUsersService usr)
    {
        serUser = usr ?? new UsersService();
    }
    public ActionResult Index()
    {
        UserModel result = new UserModel();
        try
        {
```

```
        result.UserList = serUser.GetAll();
    }
    catch (Exception ex)
    {

        throw ex;
    }
    return View(result);
}
}
```

<https://code.msdn.microsoft.com/generic-repository-pattern-ddea2262> (<https://code.msdn.microsoft.com/generic-repository-pattern-ddea2262>)

Download link: <https://github.com/MuhammadNasirKhanYousafzai/GenericServiceWithRepository>  
(<https://github.com/MuhammadNasirKhanYousafzai/GenericServiceWithRepository>)

**Then this one shows step by step:**

<http://www.tugberkugurlu.com/archive/generic-repository-pattern-entity-framework-asp-net-mvc-and-unit-testing-triangle>  
(<http://www.tugberkugurlu.com/archive/generic-repository-pattern-entity-framework-asp-net-mvc-and-unit-testing-triangle>)

**Official document, Generic Repository, in WebApi, Generic Repository Pattern With Web-API And Entity Framework**

<http://www.c-sharpcorner.com/blogs/generic-repository-pattern-with-webapi-and-entity-framework>

*With regards, Angelina Jolie*

Re: How to create Generic repository and generic service

Jan 18, 2018 08:45 AM | sanjaykumar pushadapu

thank you *Angelina Jolie*

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