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學習

automapper

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#automapp

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1: automapper

automapper。

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Examples

nugetAutomapper

```
Install-Package AutoMapper
```

```
using
```

```
using AutoMapper;
```

automapper <https://riptutorial.com/zh-TW/automapper/topic/5254/automapper>

2:

- `public void AddProfiles(params string[] assemblyNamesToScan)`
- `public void AddProfiles(params Assembly[] assembliesToScan)`
- `public void AddProfiles(params Type[] typesFromAssembliesContainingProfiles)`
- `public void AddProfiles(IEnumerable<string> assemblyNamesToScan)`
- `public void AddProfiles(IEnumerable<Assembly> assembliesToScan)`
- `public void AddProfiles(IEnumerable<Type> typesFromAssembliesContainingProfiles)`

<code>assemblyNamesToScan</code>	◦
<code>assembliesToScan</code>	◦
<code>typesFromAssembliesContainingProfiles</code>	

Examples

◦ ◦ API API ◦

```
public class User
{
    public int Id { get; set; }
    public string Username { get; set; }
    public string Password { get; set; }
    public string DisplayName { get; set; }
    public string Email { get; set; }
    public string PhoneNumber { get; set; }
}

public class UserViewModel
{
    public string DisplayName { get; set; }
    public string Email { get; set; }
}

public class MappingProfile : Profile
{
    public MappingProfile()
    {
        CreateMap<User, UserViewModel>();
    }
}

public class Program
{
    static void Main(string[] args)
    {
        Mapper.Initialize(cfg => {
            cfg.AddProfile<MappingProfile>();
            //cfg.AddProfile(new MappingProfile()); // Equivalent to the above
        });
    }
}
```

```

var user = new User()
{
    Id = 1,
    Username = "jdoe",
    Password = "password",
    DisplayName = "John Doe",
    Email = "jdoe@example.com",
    PhoneNumber = "555-123-4567"
};

var userVM = Mapper.Map<UserViewModel>(user);

Console.WriteLine("DisplayName: {0}\nEmail: {1}", userVM.DisplayName, userVM.Email);
}
}

```

◦ **AutoMapper.AddProfiles.Assembly** ◦ **AutoMapper.Profile** ◦

```

Mapper.Initialize(cfg => {
    cfg.AddProfiles("MyApplication.Core", "MyApplication.Web");
});

```

```

Mapper.Initialize(cfg => {
    cfg.AddProfiles(typeof(Student), typeof(Course));
});

```

```

Mapper.Initialize(cfg => {
    cfg.AddProfiles(Assembly.GetExecutingAssembly());
});

```

<https://riptutorial.com/zh-TW/automapper/topic/5729/>

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