

01 .NETCORE FOR AKKA

 ORM + AKKA

- .NetCore AKKA .net core (dependency-injection) .

ActorSystem , .

.net core asp.net ActorSystem

.net core .

```
public class AccountControler : ControllerBase
{
    private readonly AccountContent _context;
    private readonly AccountService _service;

    public AccountControler()
    {
        _context = new AccountContent();
        ActorSystem actorSystem = new ActorSystem("accountapi");
        _service = new AccountService(_context, actorSystem);
    }
    .....
}
```

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- .
- AccountControler DB AccountContent AccountService .
- AccountService AccountContent ActorSystem .
- .
- AccountControler .
- AccountContent DB .
- ActorSystem .

, .

.

. C++ include

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```

public class AccountController : ControllerBase
{
    private readonly AccountContent _context;
    private readonly AccountService _service;

    public AccountController(AccountContent context,
        ActorSystem actorSystem,
        AccountService accountService)
    {
        _context = context;
        _service = accountService;
    }
}
//////////
//////////
public class AccountService
{
    private readonly AccountContent _context;
    private readonly ActorSystem _actorSystem;

    public AccountService(AccountContent context, ActorSystem actorSystem)
    {
        _context = context;
        _actorSystem = actorSystem;

        Console.WriteLine(_context.Users.First(p => p.UserId == 1).NickName);
        System.Console.WriteLine("Actor System Check===" + actorSystem.Name);
    }
}

```

(.)

AccountController AccountService .

```

public class Startup
{
    // This method gets called by the runtime. Use this method to add services to the container.
    public void ConfigureServices( IServiceCollection services )
    {
        services.AddDbContext<AccountContent>(opt => {
            opt.UseMySQL("server=localhost;database=db_account;user=psmon;password=db1234");
        });

        services.AddSingleton<ActorSystem>(_ => ActorSystem.Create("accountapi"));

        services.AddScoped<AccountService>();

        services.AddMvc().SetCompatibilityVersion(CompatibilityVersion.Version_2_1);
    }
    .....
}

```

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... .

- Transient :
- Scoped :
- Singleton : .

Controller Transient

AccountService Scoped .

ActorSystem System Singleton .

- akka.net : <http://wiki.webnori.com/display/AKKA/AKKA.NET>
- : <https://hardyeats.github.io/2018/01/27/di-in-aspnetcore/>
- : <https://docs.microsoft.com/ko-kr/aspnet/core/fundamentals/dependency-injection?view=aspnetcore-2.1>