

第22期-分析ABP授权机制原理

使用 IAuthorizationService 检查权限

ApplicationService 已经属性注入了 IAuthorizationService 服务，可以直接使用。

```
public async Task PermissionAsync()
{
    string policyName = "Author_Management_Create_Books";

    //Method 1

    var result = await AuthorizationService.AuthorizeAsync(policyName);
    if (!result.Succeeded)
    {
        throw new AbpAuthorizationException();
    }

    //Method 2

    await AuthorizationService.CheckAsync(policyName);

    //Method 3

    bool isGranted = await AuthorizationService.IsGrantedAsync(policyName);

    Console.WriteLine(isGranted);
}
```

在 JavaScript 中检查权限

```
abp.auth.isGranted('<PermissionName>');
```

绕过授权服务

```
public override void ConfigureServices(ServiceConfigurationContext context)
{
    context.Services.AddAlwaysAllowAuthorization();
}
```

启动模板的集成测试已经禁用了授权服务。

授权处理流程概要

AuthorizationInterceptorRegistrar->AuthorizationInterceptor->
IMethodInvocationAuthorizationService->AbpAuthorizationService

AbpAuthorizationService->
AbpAuthorizationPolicyProvider+IAuthorizationHandlerProvider+IAuthorizationEvaluator

AbpAuthorizationPolicyProvider->DefaultAuthorizationPolicyProvider+IPermissionDefinitionManager

IAuthorizationHandlerProvider->PermissionRequirementHandler->IPermissionChecker

IPermissionChecker->IPermissionDefinitionManager+IPermissionValueProviderManager