

# 第31期-功能管理扩展与用户界面

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## 功能管理存储模块

Install-package Volo.Abp.FeatureManagement.EntityFrameworkCore

Install-package Volo.Abp.FeatureManagement.Application

Install-package Volo.Abp.FeatureManagement.Web

```
[DependsOn(typeof(AbpFeatureManagementWebModule),  
typeof(AbpFeatureManagementApplicationModule),  
typeof(AbpFeatureManagementEntityFrameworkCoreModule))]
```

```
modelBuilder.ConfigureFeatureManagement();
```

```
Add-Migration AddFeatureTable
```

```
Update-Database
```

## HTTP REST 端点

<https://localhost:5001/api/feature-management/features>

## 用户界面集成

```
Configure<FeatureManagementOptions>(options =>  
{  
    options.Providers.Add<UserFeatureManagementProvider>();  
    options.ProviderPolicies.Add(UserFeatureValueProvider.ProviderName,  
MyPermissions.Cats.Default);  
});  
  
var _featuresModal = new abp.ModalManager(  
    abp.appPath + 'FeatureManagement/FeatureManagementModal'  
);  
  
$('.feature-manager').on('click', function () {  
    _featuresModal.open({  
        providerName: 'U',  
        providerKey: abp.currentUser.id  
    });  
});
```

## 功能管理扩展模块

```

public class MyService : ITransientDependency
{
    private readonly IFeatureManager _featureManager;

    public MyService(IFeatureManager featureManager)
    {
        _featureManager = featureManager;
    }

    public async Task EnablePdfReporting(Guid tenantId)
    {
        await _featureManager.SetForTenantAsync(
            tenantId,
            "MyApp.PdfReporting",
            true.ToString()
        );
    }
}

```

## 请求流程

IFeatureStore->IFeatureManagementStore->  
IDistributedCache+IFeatureValueRepository+IFeatureDefinitionManager

Blazor Or Angular -> HttpApi -> IFeatureAppService->  
IFeatureManager->\*IFeatureManagementProvider->  
IFeatureManagementStore

Web Pages -> IFeatureAppService