|  |  |
| --- | --- |
| **包名（省略前缀）** | **说明及用途** |
| ApiVersioning.Abstractions | 当前API请求 版本接口，IRequestedApiVersion 单例 |
| AspNetCore | 对 AspNetCore的一些基本扩展  包括 IApplicationBuilder Hosting Http DependencyInjection 等 |
| AspNetCore.Authentication.OAuth |  |
| AspNetCore.MultiTenancy |  |
| AspNetCore.Mvc |  |
| AspNetCore.Mvc.Client |  |
| AspNetCore.Mvc.Contracts |  |
| AspNetCore.Mvc.UI |  |
| AspNetCore.Mvc.UI.Bootstrap |  |
| AspNetCore.Mvc.UI.Bootstrap.Demo |  |
| AspNetCore.Mvc.UI.Bundling |  |
| AspNetCore.Mvc.UI.MultiTenancy |  |
| AspNetCore.Mvc.UI.Packages |  |
| AspNetCore.Mvc.UI.Theme.Basic |  |
| AspNetCore.Mvc.UI.Theme.Shared |  |
| AspNetCore.TestBase |  |
| Auditing |  |
| Authorization |  |
| Autofac |  |
| AutoMapper |  |
| BackgroundJobs |  |
| BackgroundJobs.Abstractions |  |
| BackgroundJobs.HangFire |  |
| BackgroundJobs.RabbitMQ |  |
| BackgroundWorkers |  |
| Caching |  |
| Castle.Core | 集成Castle.Core 借用Castle.DynamicProxy以实现动态代理的功能  基于透明代理的功能，可以实现对方法调用的拦截处理  <https://www.cnblogs.com/liudehua0/p/7460030.html> |
| Core | 1、扩展  扩展 Microsoft.Extensions Configuration DependencyInjection Localization Logging  扩展 Sys.Collections.Generic System.IO System.Linq System.Reflection EventHandler Exception Object String ,Type 等  2、Abp核心库  应用初始化、模块管理、类型自动注册等 |
| Data |  |
| Ddd.Application |  |
| Ddd.Domain |  |
| Emailing |  |
| EntityFrameworkCore |  |
| EntityFrameworkCore.MySQL |  |
| EntityFrameworkCore.PostgreSql |  |
| EntityFrameworkCore.SqlServer |  |
| EventBus |  |
| EventBus.RabbitMQ |  |
| Features |  |
| Guids |  |
| HangFire |  |
| Http |  |
| Http.Abstractions |  |
| Http.Client |  |
| Http.Client.IdentityModel |  |
| IdentityModel |  |
| Json |  |
| Localization |  |
| Localization.Abstractions |  |
| MemoryDb |  |
| MongoDB |  |
| MultiTenancy.Abstractions |  |
| ObjectMapping |  |
| RabbitMQ |  |
| Security |  |
| Serialization |  |
| Settings |  |
| Sms |  |
| TestApp |  |
| TestBase |  |
| Threading |  |
| Timing |  |
| UI |  |
| UI.Navigation |  |
| Uow |  |
| Validation |  |
| VirtualFileSystem |  |
| ApiVersioning.Abstractions |  |
| AspNetCore |  |
| AspNetCore.Authentication.OAuth |  |
| AspNetCore.MultiTenancy |  |
| AspNetCore.Mvc |  |
| AspNetCore.Mvc.Client |  |
| AspNetCore.Mvc.Contracts |  |
| AspNetCore.Mvc.UI |  |
| AspNetCore.Mvc.UI.Bootstrap |  |
| AspNetCore.Mvc.UI.Bootstrap.Demo |  |
| AspNetCore.Mvc.UI.Bundling |  |
| AspNetCore.Mvc.UI.MultiTenancy |  |
| AspNetCore.Mvc.UI.Packages |  |
| AspNetCore.Mvc.UI.Theme.Basic |  |
| AspNetCore.Mvc.UI.Theme.Shared |  |
| AspNetCore.TestBase |  |
| Auditing |  |
| Authorization |  |
| Autofac |  |
| AutoMapper |  |
| BackgroundJobs |  |
| BackgroundJobs.Abstractions |  |
| BackgroundJobs.HangFire |  |
| BackgroundJobs.RabbitMQ |  |
| BackgroundWorkers |  |
| Caching |  |
| Castle.Core |  |
| Core |  |
| Data |  |
| Ddd.Application |  |
| Ddd.Domain |  |
| Emailing |  |
| EntityFrameworkCore |  |
| EntityFrameworkCore.MySQL |  |
| EntityFrameworkCore.PostgreSql |  |

ObjectAccessor<T> 包含一个特定类型的对象 Value 可读写

IServiceCollection.TryAddObjectAccessor ，如果有就返回，没有就尝试添加。内部调用services.GetSingletonInstance<ObjectAccessor<T>>()

这里确保注册进去的对象只有唯一的一个。