# 内置访问控制方法

   Spring Security 匹配了 URL 后调用了 `permitAll()` 表示不需要认证，随意访问。在 Spring Security 中提供了多种内置控制。

## permitAll()

permitAll()表示所匹配的 URL 任何人都允许访问。

```java
/**
 * Specify that URLs are allowed by anyone.
 *
 * @return the {@link ExpressionUrlAuthorizationConfigurer} for further
 * customization
 */
public ExpressionInterceptUrlRegistry permitAll() {
    return access(permitAll);
}
```

## authenticated()

authenticated()表示所匹配的 URL 都需要被认证才能访问。

```java
/**
 * Specify that URLs are allowed by any authenticated user.
 *
 * @return the {@link ExpressionUrlAuthorizationConfigurer} for further
 * customization
 */
public ExpressionInterceptUrlRegistry authenticated() {
    return access(authenticated);
}
```

## anonymous()

anonymous()表示可以匿名访问匹配的URL。和permitAll()效果类似，只是设置为 anonymous()的 url 会执行 filter 链中

```
/**
 * Specify that URLs are allowed by anonymous users.
 *
 * @return the {@link ExpressionUrlAuthorizationConfigurer} for further
 * customization
 */
public ExpressionInterceptUrlRegistry anonymous() { return access(anonymous); }
```

## denyAll()

denyAll()表示所匹配的 URL 都不允许被访问。

```
/**
 * Specify that URLs are not allowed by anyone.
 *
 * @return the {@link ExpressionUrlAuthorizationConfigurer} for further
 * customization
 */
public ExpressionInterceptUrlRegistry denyAll() {
    return access(denyAll);
}
```

## rememberMe()

被"remember me"的用户允许访问

```
/**
 * Specify that URLs are allowed by users that have been remembered.
 *
 * @return the {@link ExpressionUrlAuthorizationConfigurer} for further
 * customization
 * @see RememberMeConfigurer
 */
public ExpressionInterceptUrlRegistry rememberMe() { return access(rememberMe); }
```

## fullyAuthenticated()

如果用户不是被 remember me 的，才可以访问。

```java
/**
 * Specify that URLs are allowed by users who have authenticated and were not
 * "remembered".
 *
 * @return the {@link ExpressionUrlAuthorizationConfigurer} for further
 * customization
 * @see RememberMeConfigurer
 */
public ExpressionInterceptUrlRegistry fullyAuthenticated() {
    return access(fullyAuthenticated);
}
```